Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/1/33										0.0	9.0		#NUM!										Four seismographs recording: HVO, Hilo, Kealakekua (Kona), and Waikii (W slope of Mauna Kea)	
1/11/33	12:00:00					kona os?				320.0	320.1	vf	4.23							4.23	nomo		A very feeble shock, about 200 mi west to southwest of Hawaii, preceded [the event at 12:45]. This shock was probably in the vicinity of a large submarine mountain. Note: Loihi distance about 53 km from Kilauea's summit	VL 395
1/11/33	12:45:00	20	0.0	154	49.5	mauna kea?				78.2	78.7	f	4.00							4.00	nomo		location uncertain; 20-30 mi NE of Hilo; preceded, during the noon hour, by four foreshocks or tremors at unknown distance.	VL 395
1/12/33	13:45:00					kona os?						t											Following [the two shocks above] were eleven tremors, the swarm ending at 1:45 p.m. January 12. Six of these tremors indicated distances of from 37 to 135 statute miles. [Loihi or hotspot activity?]	VL 395
1/29/33	23:59:00					unknown																	A second swarm of 19 tremors occurred on January 28 and 29	VL 395
1/31/33	21:12:00	19	31.00	154	33.00	kl ler os	5.0	5.0	75.0	75.6	75.7	vf	3.22							3.22	nomo		15-20 mi e of cape Kumukahi; not recorded on Kona seismometer	VL 396
2/4/33	6:17:00	18	42.00	155	15.00	kl kuer sf os deep?		40.0		81.3	90.6	f-felt	4.69	4.62	no trace					4.83	aver	IV	felt-Holualoa, Hakalau, Hilo, hnp; Honaunau-2; Hakalau-4; hnp-windows rattled, pheasants squawked; Holualoa-4; preferred magnitude calculated as average of Honolulu and nomogram	50 mi due s of HVO; recorded at three stations; Honolulu amplitude average of two readings; VL 396; HVO unpub.
2/10/33	11:56:00	19	27.0	155	26.5	mauna loa deep	50	50		19.2	53.5	vf	2.98							2.98	nomo		Mokuaweoweo	VL 396
2/13/33	20:24:00					kohala	5	5	100	100.0	100.1	vf	3.42							3.42	nomo		NW Kohala; recorded at four stations	VL 396
2/16/33	12:38:00	19	49.0	155	28.5	mauna kea deep	35	35		48.5	59.8	vf-felt	3.06							3.06	nomo	III	Mauna Kea summit: felt-Honokaa; recorded at four stations;Honokaa-2	VL 396; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/18/33	12:29:00	19	31.5	155	32.5	mauna loa deep	52	52		31.4	60.7	vf? (waikii)								0.00	nomo		7 mi NE of Mokuaweoweo; not recorded at HVO or Hilo	VL 396; probably M<3
2/18/33	19:14:00	20	1.0	155	17.0	mauna kea	10	10		65.2	65.9	t; vf-felt (hilo)	2.88							2.88	nomo	II	Ookala; recorded at four stations; Honokaa-2	VL 396; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/21/33	10:30:00					mauna loa deep	32	32	35	35.0	47.4	vf	2.90							2.90	nomo		Mauna Loa in VL	396
2/22/33	8:00:00	19		155	28.50	kl swr os	5.0	5.0	45.0	53.0	53.2	vf	2.98							2.98	nomo		12 mi offshore on extension of southwest rift zone	VL 396
2/27/33	20:46:00	20	7.0	155	38.5	kohala				86.2	86.6	t-felt	2.84							2.84	nomo	III	52 mi from HVO; Waipio valley; felt-Honokaa; Honokaa-3	VL 397; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/28/33	21:13:00	19	42.5	156	5.0	hualalai				92.0	92.5	vf	3.36							3.36	nomo			VL 397
3/5/33	12:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo			VL 397 table; date assumed
3/8/33	17:24:00	19	35.0	156	18.5	kona os				111.7	112.1	t	3.02							3.02	nomo		22 mi w of Keauhou bay	VL 397
3/8/33	17:29:00					kl kuer sf	12.0	12.0	17.0	17.0	20.8	vf	2.33							2.33	nomo		Hilina pali	VL 397
3/8/33	22:40:00					kl kuer sf	12.0	12.0	17.0	17.0	20.8	vf	2.33							2.33	nomo		Hilina pali?	VL 397
3/9/33	10:02:00	19	9.50	155	27.00	kl swr		5.0	36.0	36.3	36.6	vf-felt	3.06							3.06	nomo	III	Palima point; felt-Pahala, HVO; hnp-2; Pahala-4	VL 397; HVO unpub.
3/12/33	12:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.09							0.09	nomo			VL 397 table; date assumed
3/19/33	12:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo			VL 397 table; date assumed
3/25/33	1:08:00	19	22.60	155	8.80	kl mer deep	20.0	10.0	13.0	13.5	16.8	vf	2.18							2.18	nomo		e rift Napau crater	VL 397
3/26/33	12:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.09							0.09	nomo			VL 397 table; date assumed
3/28/33	1:55:00					kohala?			89	89.0	89.5	t-felt	2.87							2.87	nomo	felt	felt-Waimea; felt at Waikii	VL 397; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/28/33	16:26:00	20	5.0	155	44.0	kohala	5	5		88.0	88.1	vf-felt	3.91	<3.97	<4.07					3.91	nomo	IV	central Kohala; felt-Honokaa, Waikii, Honomu; Honokaa-3, dur few sec; Honomu-2, furniture shook; Kamuela-3; also felt at Waikii	looked for, not found on Hon film record; VL 397; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/9/33	0:28:00	19	38.0	155	49.0	kona	21	21		62.8	66.2	t	2.66							2.66	nomo		divide between Mauna Loa and Hualalai; larger intensities at Kealakekua and Waikii	VL 398
4/16/33	4:10:00	19	13.00	155	3.00	kl mer sf deep?	32.0	10.0		32.6	34.1	f	3.69							3.69	nomo			VL 398; assume normal south flank depth
4/30/33	0:11:00	19	13.00	155	18.00	kl kuer sf deep?	20.0	20.0	24.0	24.2	31.4	vf	2.61							2.61	nomo		short distance offshore on extension of SW rift zone; Note: lat-long given is inconsistent with this description	VL 398
4/30/33	5:24:00	19	22.00	155	17.00	kl cal deep	32.0	32.0		7.5	32.9	f-felt	3.66							3.66	nomo	IV	hnp-2, windows rattled, bed jarred, dur <1 sec	VL 398; HVO unpub
5/2/33	15:50:00					ml wf			59	59.0	59.7	vf	3.06							3.06	nomo		recorded on four stations	VL 399
5/9/33	19:30:00	19	32.0	155	28.0	ml ner	14	14		24.5	28.2	f-felt	3.55							3.55	nomo	V	felt-Puu Ulaula rest house; Puu Ulaula-6, mule broke away, building creaked	VL 399; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/17/33	18:54:00	19	54.0	155	7.0	mauna kea	23	23		54.3	59.0	vf-felt	3.05							3.05	nomo	II	1 mi seaward of Hakalau; felt-Hakalau (= inst location); Hakalau-2	VL 399; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/20/33	12:00:00					ml ner			25	25.0	26.6	vf	2.50							2.50	nomo			VL 399
5/24/33	0:21:00	19	49.0	155	37.0	mauna kea				57.0	57.7	vf-felt	3.04							3.04	nomo	III	felt-Honokaa; Honokaa-slight shock	VL 399; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/24/33	7:31:00	20	2.0	155	31.0	mauna kea	5	5		72.2	72.4	vf-felt	3.19							3.19	nomo	IV	felt-Honokaa; Honokaa-3, building creaked a little	VL 399; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/25/33	7:48:00	19	55.0	155	35.0	mauna kea	5	5		63.8	64.0	vf	3.11							3.11	nomo			VL 399
5/27/33	11:38:00	19	27.5	155	27.5	kaoiki	10	10		21.0	23.3	f-felt	3.42							3.42	nomo	III	felt-HVO; Hilo-3	VL 399; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/28/33	1:47:00	19	34.0	155	59.0	kona				77.6	78.2	vf-felt	3.25							3.25	nomo	IV	at sea off Keauhou bay; felt-Holualoa; Holualoa-3 to 4, felt throughout north and south Kona	VL 399; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/7/33	10:38:00	19	53.0	155	17.5	mauna kea	16	16		50.4	52.9	vf	2.98							2.98	nomo		reported at three or more stations	VL 400
6/9/33	16:55:00	19	26.5	155	42.5	ml wf	1	1		47.2	47.2	f-felt	3.91							3.91	nomo	V	reported at three or more stations-sharply felt; Kapapala-3, sharp, like explosion, upset typewriter carriage, hard first then lasting, buildings creaked; strong in Pahala, light at Waiohinu	VL 400; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/15/33	18:26:00	19	36.0	155	16.0	ml ner	4	4		18.8	19.2	vf	2.27							2.27	nomo		reported at three or more stations	VL 400
6/19/33	19:33:00	19	12.50	155	25.00	kl swr sf	8.0	8.0	28.0	29.7	30.8	vf	2.60							2.60	nomo			VL 400
6/20/33	12:32:00	19	26.00	155	16.50	kl cal 0-5	3.0	3.0	2.0	1.5	3.4	vf	1.06							1.06	nomo			VL 400
6/22/33	20:33:00	20	3.0	155	34.0	mauna kea	11.2	11.2		71.0	71.9	f-felt	3.93	<4.02	no trace					3.93	nomo	V	Mana; SW of; reported at ≥ 3 stations-felt by several; Warshauer notes: felt sharply over Hilo, not felt at volcano; Hilo-3, dur 10-15 sec, windows rattled, mirror swung; Honokaa-4, buildings creaked considerably for a few sec; Honomu-6	VL 400; HTH, 6/23/1933; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/23/33	0:00:00					mauna kea?				0.0													Warshauer notes: the seismograph [at HVO] also recorded several other shocks during the night [of June 22].	aftershock?; VL 400; HTH, 6/23/1933
6/25/33	1:15:00	19	24.00	155	15.00	kl cal 0-5	2.0	2.0	2.0	3.6	4.2	vf	1.21							1.21	nomo			VL 400
6/28/33	21:05:00					mauna kea?																III	not recorded at HVO; Honomu-4, long but feeble	not recorded at HVO-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/29/33	0:44:00	19	40.0	155	48.0	hualalai	1	1		62.6	62.6	s	4.43	no trace	no trace					4.43	nomo	VI	reported at three or more stations-moved furniture; damaged stone walls; Puu Ulaula-5, awakened campers, dur 4-5 sec, dishes moved; Honomu-4, long and feeble; Kealakekua-6, building shuddered violently 3-4 sec; Hookena-4, objects moved, stone wall down	VL 400; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]; postcard data cont.; Holualoa-4, reported from north and south Kona; Hilo-3
7/2/33	7:47:00					kl cal 0-5?					5.0	vf	1.34							1.34	desp		under Kilauea	VL 400; slant distance assumed
7/9/33	23:25:00					east hawaii																II	Hilo-2	not recorded at HVO-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/9/33	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.75	calc		[During July 1933] 25 very feeble shocks (out of 39 total) have been located at shallow depths under Kilauea crater; preferred magnitude calculated as nomogram magnitude multiplied by number of events	5 vf events out of 8 total; VL 401, table
7/14/33	0:45:00	19	25.10	155	15.70	kl cal 0-5		2.0	1.6	1.4	2.4	f-felt	1.86							1.86	nomo	felt	1 mi from HVO; hnp-4, a sudden jerk rocked house and wakened person	VL 401
7/16/33	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.82	calc		[During July 1933] 25 very feeble shocks (out of 39 total) have been located at shallow depths under Kilauea crater; preferred magnitude calculated as nomogram magnitude multiplied by number of events	6 vf events out of 9 total; VL 401, table
7/19/33	15:17:00	19	20.00	155	20.00	kl cal deep	40.0	30.0		13.3	32.8	f-felt	3.66							3.66	nomo	IV	Hilo-2, slight building creak	VL 401
7/20/33	12:39:00					kl cal 0-5		4.0	4.0	4.0	5.7	s-felt	2.98							2.98	nomo	felt	prob Kilauea crater; felt-hnp	VL 401
7/22/33	17:59:00					kl cal 0-5		2.0	3.2	3.2	3.8	f	2.16							2.16	nomo		Kilauea crater 2 mi from HVO	VL 401
7/23/33	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.93	calc		[During July 1933] 25 very feeble shocks (out of 39 total) have been located at shallow depths under Kilauea crater; preferred magnitude calculated as nomogram magnitude multiplied by number of events	8 vf events out of 13 total; VL 401, table
7/30/33	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.82	calc		[During July 1933] 25 very feeble shocks (out of 39 total) have been located at shallow depths under Kilauea crater; preferred magnitude calculated as nomogram magnitude multiplied by number of events	6 vf events out of 9 total; VL 401, table

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
7/31/33	11:56:00	19	20.0	155	30.0	kaoiki	16	16		27.4	31.8	s	4.44	4.76	no record					4.76	hono	IV	felt sharply Kapapala ranch; Pahala, Naalehu, Hookena, HNP; Hookena-2, water agitated in tank; Honokaa-2, slight; Naalehu-4, stone wall down?; Paauilo-4, building shook, windows rattled; Kapapala-house shook strongly	VL 402; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/4/33	9:00:00					kaoiki?																felt	felt at Ohaikea; Ohaikea-felt	not recorded at HVO-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/7/33	4:08:00	19	5.0	155	39.0	hilea	5	5		56.4	56.6	vf	3.02							3.02	nomo			VL 402
8/31/33	12:00:00	19	48.0	155	12.0	hilo	38	38		41.5	56.3	vf	3.02							3.02	nomo			VL 403
9/2/33	12:00:00	19	2.0	155	40.0	hilea	8	8		61.5	62.0	f	4.10							4.10	nomo			VL 403
9/7/33	14:40:00	19	18.0	155	27.0	hilea	40	40		24.7	47.0	s	4.45	<4.37	<4.37					4.45	nomo	III	felt-HVO, Hilo; Hilo-2, slight shaking and creaking of building	felt report; VL 403; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/11/33	6:13:00	19	2.0	155	58.0	milolii				86.6	87.0	t	2.85							2.85	nomo			VL 403
9/11/33	7:00:00	19	23.0	155	28.0	kaoiki	11	11		22.3	24.9	vf-felt	2.45							2.45	nomo	II	felt-Pahala; Pahala-2	VL 403; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/14/33	12:00:00	19	19.00	155	1.00	kl mer sf os		10.0		28.7	30.4	vf	2.59							2.59	nomo		offshore SW of Kalapana	VL 403
9/16/33	12:00:00	19	42.5	155	37.0	ml nf				48.6	49.4	vf	2.93							2.93	nomo		10 mi w of Humuula	VL 403
9/20/33	12:00:00					ml ner			25	25.0	26.6	vf-felt	2.50							2.50	nomo	felt	Mauna Loa NE rift; felt-Kapapala	VL 403
9/21/33	12:00:00					kl uer	2.0	2.0	3.5	3.5	4.0	s	2.75							2.75	nomo		upper east rift near HVO	VL 403
9/25/33	1:53:00					ml ner??																felt	Honomu-very feeble, tremor at HVO	date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/26/33	21:15:00	19	42.0	155	23.0	ml nf	10	10		32.6	34.1	f-felt	4.01							4.01	nomo	V	felt-Honomu, Hakalau, Hilo, Pahala, Olaa, Papaikou; Warshauer notes: slight quake, felt in some parts of Hilo; Papaikou-4, hanging objects shook, felt all Onomea; Hakalau-6; Olaa-3, jolt, also felt in Pahala; Hilo-3, mirror swung; Honomu-6, strong	VL 403; HTH, 9/27/1933; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/28/33	12:00:00	19	22.0	155	27.0	kaoiki	14	14		21.2	25.4	f-felt	3.48							3.48	nomo	felt	felt-Pahala	VL 403
9/30/33	12:00:00	19	43.0	155	31.0	ml nf				41.7	42.6	vf	2.83							2.83	nomo		saddle bet Mauna Loa and Mauna Kea	VL 403
10/5/33	0:40:00					mauna kea?					80.0	t?	2.79							2.79	felt	felt	felt-Kapulena (upper Hamakua; lat. 20°05'30", lon. 155°32'40")	not in VL 403; slant distance assumed from felt report
10/13/33	3:01:00	19	15.00	154	23.00	kl ler sf os?		10.0		94.7	95.2	m	5.20	<4.80	<4.66					4.50	hono	felt	lightly felt; Kealakekua-prolonged gentle swaying east to west; Hilo-2, felt in Kaumana; preferred magnitude estimated from Honolulu data, consistent with felt report	closer?; slight?; VL 404; HVO, unpub.; not found in HTH
10/19/33	5:57:00					ml nf?			28	28.0	29.4	s-felt	4.13	<4.40	<4.32					4.13	nomo	V	felt-Hilo, Honomu; Warshauer notes: sharp temblor rocked Hilo; Hilo-2, III, mirror swung, building creaked slightly, dur 15-20 sec; Honomu-2-3; Papaikou-3, building creaked	as 5:37-corrected from felt reports; VL 404; HTH, 10/19/1933; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/21/33	9:10:00	19	21.5	155	31.5	kaoiki	3.2	3.2		29.0	29.2	m	4.62	4.76	4.76					4.76	hono	V?	felt all Hawaii island; Warshauer notes: severe shock felt all island, equally severe shock few sec later; felt all Hilo, v strong at Kapapala; additional felt data in HVO unpub	VL 404; HTH, 10/21; 23/1933; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/21/33	9:11:00	19	25.0	155	30.0	kaoiki	14	14		25.2	28.9	m	4.61	4.82	4.55					4.68	hono	V?	above; Honomu-5 (first), VI (second), dur 3 sec, felt by everyone; Kealakekua-4, building creak, window rattle; Kapapala-4, felt 4 quakes (aftershocks at 6:30, 9:19, 10:20 PM 10/21 and 4:37 am 10/22)	VL 404; HTH, 10/21; 23/1933; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/21/33	10:33:00					kl mer					10.0	t?-felt	1.34							1.34	felt	II	mer-2; Four men building Puu Huluhulu trail. Felt an earthquake and heard a couple of booming noises toward Makaopuhi crater; also heard by Jones returning from Napau crater; also heard at pit; new slides in Alae crater; record at HVO very small	not in VL 404; HVO, unpub.
10/21/33	18:30:00					kaoiki					28.9	vf-felt	2.55							2.55	nomo	felt	felt-Kapapala	aftershock; not separately reported in VL 404, but included in table; HVO. unpub
10/21/33	21:19:00					kaoiki					28.9	vf-felt	2.55							2.55	nomo	felt	felt-Kapapala	do.
10/21/33	22:20:00					kaoiki					28.9	vf-felt	2.55							2.55	nomo	felt	felt-Kapapala	do.
10/22/33	4:37:00					kaoiki					28.9	vf-felt	2.55							2.55	nomo	felt	felt-Kapapala	do.
10/24/33	23:45:00					kaoiki?					28.9	vf-felt	2.55							2.55	nomo	IV	Kapapala-awakened	aftershock; not separately reported in VL 404, but included in table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/26/33	10:20:00					kaoiki?					28.9	vf-felt	2.55							2.55	nomo	IV	Pahala-2, walls shaking	aftershock; not separately reported in VL 404, but included in table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/10/33	19:44:00	19	16.0	155	43.0	ml swr				51.4	52.2	vf-felt	2.97							2.97	nomo	IV	felt-south Kona; Hookena-3, building creaked	VL 405; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/13/33	9:49:00	19	51.5	155	39.5	mauna kea deep		40		63.3	74.9	vf-felt	3.22							3.22	nomo	felt	; felt-	date and time from felt report; mag class from table in VL 405
11/25/33	0:52:00	20	15.0	155	51.0	kohala				110.2	110.6	t-felt	3.01							3.01	nomo	felt	north Kohala; felt sharply-Kohala; Kohala-short but sharp	VL 405; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/25/33	17:15:00	19	22.0	155	26.0	kaoiki	8	8		19.5	21.1	vf	2.34							2.34	nomo			VL 405
11/26/33	9:10:00	19	12.0	155	41.0	hilea	2	2		51.4	51.4	vf	2.96							2.96	nomo			VL 405
11/28/33	12:00:00	19	25.50	155	17.50	kl cal 0-5		2.0	2.0	3.3	3.9	vf	1.16							1.16	nomo		Kilauea crater	VL 406, p. 2
11/30/33	12:00:00	19	24.00	155	19.00	kl swr		2.0	6.0	6.8	7.1	vf	1.58							1.58	nomo		1 mi SW of Kilauea crater	VL 406, p. 2
12/1/33	12:00:00					ml mok			34	34.0	35.2	vf	2.69							2.69	nomo		NE rift near Mokuaweoweo	VL 406
12/2/33	5:55:00					ml mok	13	13	34	34.0	36.4	s	4.28	<4.50	<4.32					4.28	nomo	II R-F (VL)	eruption begins in Mokuaweoweo at 05:43; tremor accompanies earthquakes; felt Hilo, Kona; Warshauer notes: Three strong earthquakes occurred at 6 a.m. coincident with eruption in Mokuaweoweo; felt severely at ml [Red Hill] rest house	VL 406, p. 2; HTH, 12/2/1933
12/2/33	5:56:00	19	33.5	155	40.5	ml wf				45.9	46.8	f	3.91							3.91	nomo	I R-F (VL)	7 mi NW of Mokuaweoweo	VL 406, p. 2
12/2/33	5:58:00	19	30.0	155	35.0	ml mok	5	5		34.8	35.2	f	3.71							3.71	nomo		1 mi NE of n end of Mokuaweoweo	VL 406, p. 2
12/2/33	6:01:00	19	28.5	155	37.0	ml mok	5	5		37.8	38.1	s	4.31	<4.50	<4.32					4.31	nomo	V	west rim of Mokuaweoweo; felt with alarm, ml [Red Hill] rest house; Warshauer notes: see above; Hilo-very slight (6:03 am)	VL 406, p. 2; HTH, 12/2/1933; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/2/33	6:06:00	19	32.0	155	35.0	ml mok	5	5		35.8	36.2	s	4.27	<4.50	<4.32					4.27	nomo	VI (USE)	3 mi NE of n end of Mokuaweoweo; felt with alarm, ml [Red Hill] rest house, lightly at Hilo; Warshauer notes: see above	VL 406, p. 2; HTH, 12/2/1933
12/2/33	6:08:00	19	28.5	155	37.0	ml mok	5	5		37.8	38.1	f	3.76							3.76	nomo		west rim of Mokuaweoweo	VL 406, p. 2
12/2/33	19:28:00	19	27.0	155	26.5	kaoiki				19.2	21.2	vf	2.34							2.34	nomo		halfway bet Kilauea and Mauna Loa	VL 406, p. 2
12/3/33	22:50:00					hilo			35	35.0	36.1	vf-felt	2.71							2.71	nomo	felt	2-4 km from Hilo seismometer; 5 mi from Hilo; felt Hilo; Hilo-very slight	time from felt report; VL 406, p. 2; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/7/33	3:00:00	19	11.5	155	44.5	ml swr				57.2	57.9	t-felt	2.56							2.56	nomo	IV	near 1887 source, 7 mi upslope from hiway; felt-Naalehu; Naalehu-4, building creaked	time from felt report; VL 406, p. 2; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/12/33	12:00:00	19	25.5	155	20.5	kaoiki	7	7		8.5	11.0	vf	1.89							1.89	nomo		3 mi w of Kilauea at Kaoiki pali	VL 406, p. 2
12/14/33	12:00:00	19	28.0	155	35.5	ml mok	25	25		35.1	43.1	vf-felt	2.83							2.83	nomo	felt	near Mauna Loa rest house; felt-HVO	VL 406, p. 2
12/18/33										0.0													Mokuaweoweo eruption ends 12/18/33	VL 406, p. 2
12/20/33	12:00:00	19	52.0	155	18.0	mauna kea				48.6	49.4	vf	2.93							2.93	nomo		half way up e slope Mauna Kea from Hakalau	VL 406, p. 2
12/20/33	12:00:00	19	46.0	155	16.0	mauna kea				37.3	38.4	t	2.28							2.28	nomo		se slope Mauna Kea half way bet Hilo and summit	VL 406, p. 2
12/27/33	3:44:00	19	46.0	155	16.0	mauna kea				37.3	38.4	vf-felt	3.50							3.50	nomo	felt	felt lightly-Honomu; Warshauer notes: A series of four earthquakes rocked Hilo between 3 and 6 a.m. today, with the sharpest shock occurring at 3:45 a.m.; no damage reported [4th quake before 3:45 not reported in VL?]; Honomu-very feeble (3 am)	VL 406, p. 2; HTH, 12/27/1933; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/27/33	3:56:00	19	46.0	155	16.0	mauna kea				37.3	38.4	vf-felt	3.50							3.50	nomo	felt	do; felt lightly-Honomu; Warshauer notes: see above; Honomu-sharp, dur 2 sec (4:15 am)	VL 406, p. 2; HTH, 12/27/1933; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/27/33	4:44:00	19	46.0	155	16.0	mauna kea				37.3	38.4	vf-felt	3.50							3.50	nomo	felt	do; felt lightly-Honomu; Warshauer notes: see above; Honomu-very light (4:43 am)	VL 406, p. 2; HTH, 12/27/1933; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/27/33	12:00:00	19	36.0	155	21.0	ml ner				21.0	22.9	vf-felt	3.14							3.14	nomo	felt	halfway bet Hilo and Mauna Loa summit; felt hnp	VL 406, p. 2
12/30/33	5:20:00	19	25.0	155	31.0	kaoiki	14	14		27.0	30.4	vf-felt	3.34							3.34	nomo	felt	6 mi se of Mokuaweoweo; felt-Hilo; Hilo-slight	time from felt report; VL 406, p. 2; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/31/33	12:00:00	19	9.00	155	16.00	kl kuer sf		10.0	25.0	31.3	32.8	vf	2.64							2.64	nomo		5 mi at sea, s of Kilauea crater	VL 406, p. 2
1/2/34	23:22:00	19	50.0	155	27.5	mauna kea				49.3	50.2	vf-felt	3.68							3.68	nomo	V	felt-Honomu,, HVO; Honomu-very strong, felt by all, dur 2 sec, from SW; felt at hnp and heard at KMC	VL 407; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/6/34	20:06:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf-felt	2.71							2.71	nomo	felt	21 mi from HVO; felt sharply-Mokuaweoweo; Mokuaweoweo, camping, noise and 2 small shakes 5:30 to 5:45 PM, good shake at 7:40 PM [times off HVO time] and 1 or 2 other disturbances before morning	VL 407; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/7/34	12:00:00	19	24.40	155	16.90	kl cal 0-5	4.8	4.8	3.0	3.5	5.9	vf	1.45							1.45	nomo		times assumed; 15 min apart; recorded on Halemaumau and Uwekahuna seismometers	VL 407
1/7/34	12:15:00	19	24.00	155	19.00	kl swr		3.0	7.6	6.8	7.4	vf	1.61							1.61	nomo		do.; 2 mi SW of Kilauea crater	VL 407
1/9/34	1:59:00	19	12.5	155	44.0	hilea	5	5		55.6	55.8	s-felt	4.35	no trace	no trace					4.35	nomo	V	felt-Hookena, Kapapala, Pahala, HVO; Hilo-slight, dur 15 sec; Hakalau-4 (time 4 am); Pahala-3, buildings shook; Hilea-sharp quake, dur 6 sec; Honaunau-3, awakened; Hookena-2 (3 am)	VL 407; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/13/34	13:35:00	19	11.00	155	11.00	kl kuer sf os deep?	16.0	40.0	27.0	28.7	49.2	s-felt	4.75	5.46	5.11					5.28	hono	V	felt generally Hawaii island; Hakalau-6; Pahala-3, building shook/windows rattle; Holualoa-4, long double quake, felt all north and south Kona; hnp-4, window/door rattle acc by rumble, decided jolt, then 2nd lesser; Honaunau-3, windows rattle	Honolulu amplitude average of two readings; nomogram magnitude low-deeper? and/or moderate?; not mentioned in W&K; VL 407; HVO, unpub
1/16/34	12:00:00	19	24.00	155	19.00	kl swr		2.0	6.0	6.8	7.1	t	0.57							0.57	nomo		1 mi SW of Kilauea crater	VL 407
1/17/34	22:00:00					hilo			16	16.0	18.4	f-felt (hilo)	3.01							3.01	nomo	III	felt-Honumu; Honomu-3, trembling, dur 1 sec from se to NW, no damage	time from felt report; not recorded at Whitney; 10 mi from Hilo seismometer; VL 407; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/19/34	21:37:00	19	14.00	155	25.50	kl swr		5.0	26.0	28.0	28.4	f	3.56							3.56	nomo			VL 407
1/21/34	15:15:00					hilo			16	16.0	18.4	f-felt (hilo)	3.01							3.01	nomo	II	felt-Honumu; Honomu-2, trembling, dur 1 sec from se to NW, no damage	at Whitney; VL 407; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/25/34	12:00:00	19	18.50	155	22.50	kl swr	7.0	7.0	14.0	18.2	19.5	vf	2.28							2.28	nomo		Kamakaia hills 10 mi SW of Kilauea crater	VL 407
1/27/34	5:38:00					east hawaii						vf-felt										felt	Hilo-very slight quake	date and time from felt report; not separately reported in VL 407; HVO, unpub
1/30/34	3:14:00	19	24.5	155	32.0	kaoiki				28.8	30.2	f	3.60							3.60	nomo			VL 408
1/30/34	10:53:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 408
1/30/34	11:01:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 408
2/1/34	14:29:00	19	13.0	155	34.5	hilea				40.8	41.8	vf	2.81							2.81	nomo			VL 408
2/2/34	1:54:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 408
2/2/34	11:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10							1.62	calc		eqs; 47 events (t) between 8 and 11 AM; preferred magnitude calculated as nomogram magnitude multiplied by number of events	VL 408
2/9/34	9:59:00	19	13.0	155	33.0	hilea				38.7	39.7	s	4.34	no trace	incomp lete					4.34	nomo	IV	felt sharply Kapapala ranch; felt-Hookena,, HVO; Pahala-3, building creak and shake, Wood valley-cane thrashing, horse disturbed; Hookena-4, dur 6 sec, building creak, hanging objects moving	VL 408; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/15/34	8:14:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 408
2/19/34	2:20:00	19	25.00	155	12.50	kl cal 0-5		2.0	6.4	5.8	6.1	s-felt	3.04							3.04	nomo	III	volcano-felt sharply in house on stilts	VL 408; HVO unpub
2/24/34	17:31:00	19	46.0	155	42.0	mauna kea	16	16		59.5	61.6	f-felt	4.10	<4.35	no record					4.10	nomo	IV	felt-HVO, Hakalau, Honokaa; Honokaa-3, slight shock; hnp-felt at summer camp; Hakalau-4	VL 408; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/26/34	14:45:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	0.70							0.70	nomo		Kilauea crater	VL 408
2/28/34	11:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10							1.41	calc		eqs; 28 events (t) near midday; preferred magnitude calculated as nomogram magnitude multiplied by number of events	VL 408
3/1/34	22:22:00	19	33.0	155	35.0	ml nf				36.5	37.6	s	4.30	<4.55	no trace					4.30	nomo	V	felt generally Hawaii island; Warshauer notes: see bib; Pahala-2; Honomu-3, rocking, dur 1 sec, west to east; Hilo-felt strongly by person lying down, e-w followed by n-s; Kona-felt; Hakalau-5	VL 408; HTH, 3/2/1934; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/10/34	0:34:00	19	37.50	154	43.00	kl ler os		5.0	62.0	61.3	61.5	vf	3.08							3.08	nomo			VL 409
3/10/34	1:56:00	19	19.00	155	11.00	kl kuer sf		10.0	13.0	15.1	18.1	vf	2.23							2.23	nomo			VL 409
3/11/34	17:09:00	19	25.00	155	3.00	kl mer		2.0		22.3	22.4	vf	2.38							2.38	nomo			VL 409
3/13/34	11:40:00	19	25.00	155	15.00	kl cal 0-5		2.0		2.0	2.8	vf	0.94							0.94	nomo			VL 409
3/18/34	20:09:00	19	24.50	155	16.00	kl cal 0-5		2.0		2.6	3.3	vf	1.04							1.04	nomo			VL 409
3/24/34	3:01:00	19	20.00	155	10.00	kl mer sf		10.0		14.7	17.8	vf	2.22							2.22	nomo			VL 409
3/29/34	4:11:00	18	58.0	155	55.0	milolii				86.3	86.8	vf	3.32							3.32	nomo			VL 409
3/30/34	13:46:00	19	23.00	155	13.00	kl uer		2.0		7.1	7.3	vf	1.60							1.60	nomo			VL 409
4/3/34	17:46:00	19	40.0	154	37.0	hilo os				72.8	73.4	vf	3.20							3.20	nomo			VL 410
4/6/34	19:34:00	19	28.00	155	14.00	kl cal 0-5		2.0		4.9	5.3	vf	1.38							1.38	nomo			VL 410

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/9/34	2:06:00	20	9.0	155	53.0	kohala				103.4	103.8	vf-felt	4.19		no trace	no trace					4.19	nomo	IV	felt- Kohala, Hilo, Maui; Kohala-short, sharp earthquake; Kamuela and Kawaihae-felt; central Maui-felt by many; Hilo-slight;-felt; n Kohala-5 quakes between 1 and 8 am (no. disputed), slight, finishing sharp, severe, short; Honokaa-3	VL 410; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/9/34	8:21:00	20	6.0	155	43.0	kohala				88.6	89.0	f-felt	4.08		no trace	no trace					4.08	nomo	IV	less widely felt; Kohala-short, sharp earthquake; Kamuela and Kawaihae-felt; Honomu-felt by many, 2 shocks (9:15 am), trembling, dur 2 sec;-felt; n Kohala-short, heavy shock acc by rumble; Honokaa 4	VL 410; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/11/34	2:38:00	19	16.00	154	40.00	kl ler sf os		10.0	65.0	65.3	66.0	vf	3.13								3.13	nomo			VL 410
4/11/34	12:00:00					kaoiki?					25.0	vf-felt	2.45								2.45	nomo	III	Kapapala ranch-felt by several	not separately reported in VL 410, but included in table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/11/34	20:10:00					mauna kea?					60.0	vf-felt	3.06								3.06	nomo	III	Honokaa-2, just a jolt	not separately reported in VL 410, but included in table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/12/34	0:01:00	19	24.80	155	16.50	kl cal 0-5		2.0		2.5	3.2	vf	1.02								1.02	nomo			VL 410
4/14/34	9:14:00	19	37.5	155	37.0	ml nf				43.3	44.2	f	3.87								3.87	nomo			VL 410
4/14/34	19:51:00	19	37.50	154	43.00	kl ler os		5.0		61.3	61.5	s	4.64		no trace	no trace					4.64	nomo	felt	felt-Olaa, Hilo	closer?; VL 410
4/14/34	19:51:00	19	37.5	154	43.0	hilo os				61.3	62.0	s	4.65		<4.92	<4.70					4.65	nomo	III?	felt-Olaa, Hilo; Hilo (7:52:40 PM, 7:50 PM)-felt by several in at least two locations, slight shock	VL 410; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/15/34	22:25:00	19	24.50	155	14.00	kl cal 0-5		2.0	5.0	3.9	4.3	vf-felt	1.58								1.58	nomo	felt	felt-hnp	VL 410
4/24/34	1:06:00	19	2.0	155	38.0	hilea				59.1	59.8	vf-felt	3.06								3.06	nomo	felt		
4/30/34	13:07:00	19	32.00	153	59.00	kl ler os		5.0	135.0	135.2	135.3	t	2.61								2.61	nomo			VL 411
5/9/34	20:00:00	19	30.0	155	30.0	ml ner	16	16		26.3	30.8	vf	2.60								2.60	nomo			VL 411
5/10/34	10:09:00	19	38.0	155	23.0	ml nf?	25	25		25.9	36.0	m-st	>5.04		5.80	5.60					5.70	hono	VI	felt all Hawaii island, Maui; Warshauer notes: a strong, slow earthquake, felt severely Hilo, people ran into the streets; felt slightly at Kona; much less at Kapapala than Hilo and volcano; minor damage in n Kohala, duration 26 sec, beg light, end sharp	depth 28 km in HVO catalog; VL 411 [detailed damage report given]; HTH, 5/10; 14 [see below]/1934; additional felt reports in HVO, unpub
5/10/34	10:39:00	19	27.0	155	26.0	kaoiki deep	40	40		18.3	44.0	vf-felt	2.85		no trace	no trace					2.85	nomo	II	felt-Hakalau; Warshauer notes: three new quakes felt at Kapapala today subsequent to the major tremor at 10:09; the heaviest of the three occurred at 12:35 [off south shore Kilauea, from VL] and was quite noticeable; Hakalau-2	aftershock?; VL 411; HTH, 5/10/1934; ; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/10/34	12:34:00	19	15.00	155	18.00	kl sf	6.4	6.4		20.5	21.5	f-felt	3.37								3.37	nomo	II	felt very slightly hnp and Hilo; Hilo-2; Warshauer notes: see above; one more also missing?]; Note: VL describes this as an aftershock of the quake at 10:09, but location doesn't fit	VL 411; HVO unpub; HTH, 5/10/1934
5/10/34	19:00:00					kona					10.0	vf (kona)	1.82								1.82	nomo		well recorded on Kona seismograph, not well recorded elsewhere	VL 411
5/11/34	23:20:00					kona					10.0	vf (kona)	1.82								1.82	nomo		well recorded on Kona seismograph, not well recorded elsewhere	VL 411
5/13/34	15:23:00	19	22.5	155	22.5	kaoiki	20	20		13.5	24.2	s	4.25		4.45	no trace					4.45	hono	V	felt-HVO, Hilo,; Warshauer notes: Hilo rocked by 2 shocks 3 minutes apart, 2nd more feeble; generally felt, strongly in Kohala, minor damage; Hilo-3-4, building rocked, felt moderately, furniture rattled; Honokaa-4	VL 411; HTH, 5/14/1934; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/13/34	15:25:00	19	13.0	155	39.0	hilea	4	4		47.4	47.6	s	4.24		det.?	overex posed					4.24	nomo	III	felt-HVO, Hilo; Warshauer notes: see above; Hilo-2 3, v short, hnp-felt	aftershock; VL 411; HTH, 5/14/1934; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/15/34	18:30:00					ml swr			50	50.0	50.8	vf	2.95								2.95	nomo		Mauna Loa SW rift	VL 411
5/16/34	18:29:00	19	1.0	155	38.0	hilea				60.5	61.2	vf	3.08								3.08	nomo			VL 412
5/20/34	18:14:00	19	49.0	156	13.0	hualalai				109.5	109.9	t	3.01								3.01	nomo			VL 412
6/3/34	6:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.74	calc		Ten very small shocks (t and vf) occurred under Kilauea crater during the five weeks covered here; preferred magnitude calculated as nomogram magnitude multiplied by number of events	VL 411
6/3/34	18:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.09								0.73	calc		do	VL 411
6/5/34	8:59:00					hilo			20	20.0	21.9	vf	2.36								2.36	nomo		Mauna Loa NE rift, nearer Hilo than Kilauea	VL 412

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
6/12/34	4:40:00					mauna kea?					70.0	t-felt	2.70							2.70	nomo	felt	Honokaa-slight shock, also one later	time from felt report; VL 412
6/12/34	4:40:00					mauna kea?					70.0	t-felt	2.70							2.70	nomo	felt	Honokaa-slight shock, also one later	time from felt report; not in VL 412; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards
6/15/34	22:50:00	19	42.0	155	22.0	mauna kea	10	10		31.9	33.4	vf	3.40							3.40	nomo	felt	Warshauer notes: An earthquake, about 18 miles from HVO, rocked Hilo last night at about 10:45; the shock was more severely felt in Hilo than in the volcano area; Hilo-felt slightly	VL 412 [date wrong? in newspaper-given as 6/18], HTH, 6/19/1934; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/25/34	14:30:00	19	36.0	155	20.0	ml nf				20.3	22.2	vf	2.37							2.37	nomo			VL 412
6/26/34	19:07:00	19	12.00	155	5.00	kl mer sf os?	10.0	10.0		31.8	33.3	m	4.71	4.75	4.75					4.75	hono	V	felt-Hilo,, HVO; more detail given in HVO unpub; Warshauer notes: felt strongly in some parts of Hilo, and more generally on the island; no damage	VL 412; HVO unpub; HTH, 6/27. 1934
6/27/34	7:01:00	20	2.5	155	18.0	mauna kea				68.0	68.6	vf-felt	3.16							3.16	nomo	IV	felt-Honokaa; Honokaa-3; Haina (Hamakua)-4	VL 412; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/28/34	12:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		time assumed	VL 412
7/5/34	2:20:00	19	17.0	155	35.0	hilea	35	35		37.7	51.5	vf	2.96							2.96	nomo			VL 413
7/5/34	15:15:00	19	33.0	155	23.0	ml ner	5	5		18.5	19.1	vf	2.27							2.27	nomo			VL 413
7/6/34	15:15:00					kl mer?				8.0	12.0	vf	1.95							1.95	nomo	felt	hnp-felt at HVO, 2 quakes felt at Aloi crater	not in VL 412, unless confused with Mauna Loa quake at same time on 7/5; HVO unpub
7/20/34	1:30:00	19	24.5	155	27.0	kaoiki	6	6		20.1	21.0	vf-felt	2.33							2.33	nomo	felt	felt-Kapapala ranch	VL 413
7/20/34	14:36:00	19	24.10	155	16.10	kl cal 0-5		2.0	3.0	3.4	3.9	s-felt	2.73							2.73	nomo	felt	se rim Kilauea crater; felt strongly at Halemaumau, slightly at NE end of Kilauea	VL 413
7/25/34	2:15:00					kaoiki?					25.0	vf-felt	2.45							2.45	nomo	felt	Kapapala ranch-felt	not separately reported in VL 410, but included in table; time and date from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/30/34	0:23:00	19	40.0	155	45.0	hualalai				57.8	58.5	vf	3.05							3.05	nomo			VL 414
7/30/34	4:18:00	19	20.00	155	14.00	kl kuer sf		10.0		11.2	15.0	vf	2.10							2.10	nomo			VL 414
7/30/34	15:28:00	19	22.50	155	17.00	kl koae		2.0		6.7	7.0	vf	1.57							1.57	nomo			VL 414
7/31/34	0:06:00	19	22.50	155	13.00	kl uer		1.6		7.8	7.9	vf	1.66							1.66	nomo			VL 414
8/7/34	10:19:00	19	32.0	155	32.0	ml ner	8	8		30.9	31.9	vf-felt	3.37							3.37	nomo	felt	felt-Hilo; Hilo-felt by several	VL 414; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/11/34	14:38:00	19	18.0	155	28.0	kaoiki	2	2		26.1	26.2	vf	2.49							2.49	nomo			VL 414
8/16/34	2:08:00	19	38.0	155	15.0	hilo	8	8		22.5	23.9	s	3.99	det.	3.77					3.77	hono	V	enough to awaken sleepers in some sections of Hilo, felt by many in Puueo and a few in volcano; dismantled instruments; Hilo-2, awakened; Honomu-rather strong, felt by many, dur 3 sec, south to west	Honolulu data average of 2 readings; VL 414; HTH, 8/16/1934; HVO, unpub [intensities-arabic numerals in remarks column refer to HVO postcards]
8/25/34	14:08:00	19	25.30	155	16.50	kl cal 0-5		2.0		1.8	2.7	vf	0.91							0.91	nomo			VL 414
8/28/34	17:51:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf-felt	1.45							1.45	nomo	felt	Kilauea crater; felt on crater rim; hnp-felt at KMC and Jaggar residence	VL 414; HVO unpub
9/5/34	18:35:00					oahu				0.0				<1.88	<1.88					1.80	desp	III-IV (Cox)	felt-Oahu only; rattled windows/dishes in homes on Wilhemina Rise (Honolulu, approx 25 km from ewa beach)	looked for, not found on Hon film record; not recorded at Whitney vault; Cox, 1986
9/6/34	1:07:00					kl cal 0-5	1.0	1.0	3.0	3.0	3.2	vf	1.02							1.89	calc		eqs; 9 events (vf) from 1:07 to 2:44 AM preceding eruption in Halemaumau; preferred magnitude calculated as nomogram magnitude multiplied by number of events	VL 415
9/6/34	2:21:00	19	25.00	155	17.00	kl cal 0-5	1.0	1.0		2.8	3.0	s-felt	2.55							2.55	nomo	felt	felt-HVO	VL 415
9/6/34	2:44:00	19	23.50	155	16.70	kl cal 0-5	1.0	1.0		4.7	4.8	f	2.33							2.33	nomo			Halemaumau eruption began 9/6 02:44; VL 415
9/9/34	9:00:00					east hawaii																felt	time given as "morning"; felt-Hilo	date and time from felt report; not separately listed in VL 415
9/17/34	11:56:00	19	2.0	155	13.0	loihi	17	17		44.5	47.6	f-felt	4.24							4.24	nomo	II	felt-HVO, Honomu; Honomu-2, dur 1 sec	VL 415; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/19/34	23:45:00					north hawaii					60.0	vf-felt	3.06							3.06	nomo	III	felt-Honomu; Honomu-3, dur 3 sec	not separately reported in VL 415, but included in table; time and date from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/22/34	9:44:00	19	15.00	155	20.00	kl kuer sf	17.6	10.0		21.5	23.7	f	3.43							3.43	nomo			VL 415
9/23/34	1:49:00	19	11.50	155	27.00	kl swr	15.0	15.0		33.2	36.5	vf-felt	2.72							2.72	nomo	felt	felt- Kapapala ranch	VL 415
9/23/34	10:00:00					kaoiki?					25.0	vf-felt	2.45							2.45	nomo	felt	time given as "forenoon"; Kapapala ranch-seven quakes felt between Saturday evening and Sunday morning [tremor or less for other six events]	not separately reported in VL 415, but included in table;-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/1/34										0.0													Subsequent to this date, epicenters are determined using seismographic records at Hilo, Kona and Kilauea; [Waikii station apparently no longer in operation]	VL 416
10/1/34																							Subsequent to this date, epicenters are determined using seismographic records at Hilo, Kona and Kilauea; [Waikii station apparently no longer in operation]	VL 416
10/3/34	15:50:00	19	18.00	155	26.50	kl swr deep	33.0	33.0		24.0	40.8	vf	2.80							2.80	nomo		deep magma supply eq?	VL 416
10/8/34										0.0													Halemaumau eruption ends	VL 416
10/12/34	5:45:00					north hawaii					60.0	t-felt	2.59							2.59	nomo	II	felt-Honokaa; Honokaa-2	not recorded at Whitney [tremor assumed]; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/13/34	19:14:00	19	28.0	155	30.0	mauna loa deep	65	65		25.5	69.8	m	5.22	5.22	5.18					5.20	hono	V	felt generally Hawaii island; Warshauer notes: The entire island rocked by an earthquake, duration 30 sec, no damage; felt widely in Kona, also at Waimea, and the Hamakua Coast; motion gentle swaying, two parts with long intervals between	VL 416; HTH, 10/15/1934; extensive felt reports in HVO, unpub
10/19/34	0:20:00	19	30.0	155	40.0	mauna loa deep	60	60		43.5	74.1	f-felt	4.22	<4.32	no record					4.22	nomo	V	felt generally Hawaii island; Warshauer notes: earthquake of moderate intensity rocked the Big island, hard enough in Hilo to awaken sleepers, no damage; 3 sharp quakes felt in Waimea, followed by several of slighter intensity	VL 416; [some aftershocks evidently not recorded at Whitney vault]; HTH, 10/19/1934; extensive felt reports in HVO, unpub [felt reports give date as 10/19]
10/19/34	1:41:00	19	30.0	155	40.0	mauna loa deep	60	60		43.5	74.1	vf-felt	3.21							3.21	nomo	felt	felt-Waimea	aftershock; VL 416
10/19/34	1:42:00					mauna loa deep					74.1	vf	3.21							3.64	nomo	felt	3 quakes unaccounted for in VL table, one felt sharply at Waimea; preferred mag calculated as nomogram magnitude multiplied by number of events	aftershock; date, time and location assumed; VL 416, table
10/27/34	7:47:00	19	56.0	155	38.5	mauna kea??	35	35		68.8	77.2	f-felt	4.25	<4.3	3.83					3.83	hono	IV	felt near Kilauea crater; Kamuela-felt strongly, two tremors, no damage; Kohala-short, mild shock; Paauilo-3, slight tremor followed by quake, building shook slightly	VL 416; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/12/34	5:53:00	19	13.00	155	24.00	kl swr sf		2.0		28.0	28.1	vf	2.53							2.53	nomo			VL 417
12/22/34	1:55:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf-felt	1.85							1.85	nomo	IV	felt lightly-hnp; volcano-awakened by light quake, also hnp	VL 418; HVO unpub
12/22/34	12:46:00					kl swr?		5.0	17.0	17.0	17.7	f-felt	3.23							3.23	nomo	V	felt-hnp, stronger at Kapapala ranch; Kapapala ranch-quite severe	VL 418; HVO unpub
12/24/34	9:27:00					mauna kea			54	54.0	54.7	vf-felt	3.00							3.00	nomo	felt	felt-Hakalau; Hakalau-slight quake	VL 418; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/31/34	22:40:00	19	21.00	155	19.00	kl cal deep	19.0	21.0		10.8	23.6	vf-felt	2.41							2.41	nomo	felt	felt-hnp; volcano-felt gently	VL 419; HVO unpub
1/2/35	6:47:17	19	25.50	155	17.00	kl cal deep	3.0	30.0		2.4	30.1	m	4.64	4.75	4.80			5.90	W&K; S&C	5.15	aver	VI (W&K) ; V (C&S)	felt generally-Hawaii island, objects fell in Hilo, landslide at Halemaumau; Warshauer notes: felt all island, least in Kohala; two waves, slight, then heavy; bottles, pictures broken in Hilo; pref mag calculated as weighted average of WK(1) and Hono(2)	isoseismal map in W&K (M5.9 too high because intensity V in Kau and Kona incorrect); depth changed to improve magnitude agreement, consistent with felt reports; VL 419; HTH, 1/2/1935; additional felt data in HVO unpub
1/8/35	14:09:00	19	31.0	155	17.0	ml ner				9.8	13.3	vf	2.02							2.02	nomo			VL 419
1/13/35	13:33:00	19	26.00	155	13.00	kl cal 05-10	6.4	6.4		4.7	7.9	vf	1.66							1.66	nomo			VL 419
1/17/35	11:35:00	19	15.00	155		kl mer sf os?		10.0		34.1	35.5	vf	2.70							2.70	nomo			VL 419
1/17/35	22:58:00	19	20.0	155	30.0	kaoiki				27.4	28.9	vf-felt	2.56							2.56	nomo	felt	felt-Kapapala ranch; Kapapala-felt	VL 419; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/19/35	5:49:00	19	25.40	155	15.80	kl cal 0-5		2.0	1.0	0.9	2.2	t	-0.25							-0.25	nomo		Kilauea crater; Byron's ledge	VL 419
1/21/35	0:02:00	19	44.0	155	22.0	mauna kea	54	54		35.4	64.6	vf-felt	3.86							3.86	nomo	IV	felt-Hamakua coast; Warshauer notes: felt very sharply at Waimea and Waikii; Hakalau-felt by many; felt sharply in Kohala, strongly in Waimea, and Hilo; Honokaa-bed rocked slightly; Paauilo-4, buildings creak, objects rattled, one sharp shock	VL 419; HTH, 1/21/1935; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/27/35	19:23:00	19	31.0	155	29.0	ml ner	45	45		25.3	51.6	vf	2.96							2.96	nomo			VL 419
1/29/35	16:01:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		prob Mokuaweoweo	VL 419
1/29/35	18:41:00	19	29.0	155	56.0	kona				71.1	71.7	t-felt	2.71							2.71	nomo	IV	prob near Kealakekua fault; felt-Kona; Kona-heard before felt, windows rattled	VL 419; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/30/35	21:51:00	19	22.00	155	10.50	kl mer		2.0	11.2	11.5	11.7	vf	1.93							1.93	nomo		e rift 7 mi se of Kilauea crater	VL 419
2/3/35	16:21:00	19	26.00	155	14.00	kl cal 0-5		3.0		2.9	4.2	vf	1.21							1.21	nomo			VL 419
2/4/35	19:45:00	19	25.40	155	17.20	kl cal 0-5		2.0	3.5	2.8	3.5	f-felt	2.10							2.10	nomo	felt	Uwekahuna; felt-hnp	VL 420

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
2/5/35	0:20:00	19	26.00	155	16.30	kl cal 0-5		2.0	1.0	1.2	2.3	vf	0.80							0.80	nomo		NE wall Kilauea crater near HVO	VL 420
2/11/35	3:59:00	19	26.0	155	28.0	kaoiki	22	22		21.7	30.9	vf	2.60							2.60	nomo			VL 420
2/15/35	18:12:00	19	23.80	155	15.30	kl koae		2.0	6.0	3.9	4.4	vf	1.24							1.24	nomo		2 mi se of Kilauea crater	VL 420
2/20/35	9:27:00	19	24.00	155	17.00	kl cal 0-5		2.0	5.0	4.2	4.6	f	2.30							2.30	nomo		junction of SW rift and SW crater wall	VL 420
2/21/35	13:21:00	19	24.50	155	16.50	kl cal 0-5		2.0	2.5	2.9	3.5	vf	1.10							1.10	nomo		e of Halemaumau	VL 420
2/21/35	20:56:00	19	24.00	155	16.00	kl cal 0-5		2.0	4.0	3.5	4.0	vf	1.19							1.19	nomo		near Keanakakoi outside Kilauea crater	VL 420
2/26/35	2:10:00	19	26.00	155	17.00	kl cal 05-10	8.0	8.0	2.0	2.4	8.3	s	3.25							3.25	nomo		n rim Kilauea crater	VL 420
2/26/35	22:23:00					west hawaii					75.0	vf-felt	3.22							3.22	nomo	III	Holualoa-4, no damage	not separately reported in VL 419, but included in table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/27/35	13:11:00	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	vf	1.19							1.19	nomo		Keanakakoi	VL 420
2/28/35	17:39:00	19	10.0	155	45.0	ml swr				59.3	60.0	vf-felt	3.06							3.06	nomo	felt	felt-Naalehu; Naalehu-slight shock followed by moderate shock dur 10 sec, n-s	VL 420; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/1/35										0.0													Uwekahuna and Halemaumau seismographs now used in addition to Hilo, Kona and Kilauea (Whitney Vault) to improve location and estimated intensities for quakes local to Kilauea caldera	VL 421
3/3/35	0:12:00					maui?					240.0	vf-felt	4.03	4.27	4.43					4.35	hono	V	Haleakala-4, movement up and down, cement cornice of building fell off; Wailuku-not very strong; felt all Maui, Oahu and in Kohala	not separately reported in VL 420, but included in table; time from Hon film record; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]; Maui/Molokai consistent with Hon mag and felt reports
3/3/35	23:11:00	19	24.00	155	17.00	kl cal 0-5		2.0	4.5	4.2	4.6	t	0.27							0.27	nomo		near SW wall Kilauea crater	VL 420
3/5/35	5:31:00	19	24.00	155	17.00	kl cal 0-5	1.6	1.6	4.5	4.2	4.5	vf	1.26							1.26	nomo		SW end Kilauea crater	VL 421
3/9/35	1:58:00	19	24.00	155	16.80	kl cal 0-5	1.0	1.0	3.0	4.0	4.1	vf	1.20							1.20	nomo		e side Halemaumau	VL 421
3/20/35	16:48:00					hualalai?			72	72.0	72.6	vf-felt	3.20							3.20	nomo	felt	not well located; felt-Puu waa waa; felt at Puu waawaa ranch	VL 421; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/24/35	11:29:00	19	25.40	155	17.20	kl cal 05-10	8.0	8.0	3.5	2.8	8.5	vf-felt	1.70							1.70	nomo	felt	Uwekahuna; felt-hnp	VL 421
3/25/35	0:20:00	19	24.00	155	19.00	kl swr	4.6	4.6	7.0	6.8	8.2	vf	1.68							1.68	nomo		1-2 mi SW of Kilauea crater	VL 421
3/26/35	17:52:00	19	24.00	155	19.00	kl swr	1.6	1.6	6.0	6.8	7.0	vf-felt	1.57							1.57	nomo	III	2 mi SW of Uwekahuna; hnp-windows rattled	VL 421; HVO unpub
3/27/35	12:38:00	19	26.0	155	20.0	kaoiki	2	2		7.6	7.9	vf	1.65							1.65	nomo			VL 421
3/28/35	23:48:00	19	27.0	155	34.0	ml mok				32.3	33.5	vf	2.66							2.66	nomo			VL 421
3/29/35	2:59:00					ml ner??					30.0	vf-felt	2.58							2.58	nomo	III	not well located, felt-Hilo; Hilo-felt by many	VL 421; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/3/35	9:34:00	19	23.00	155	19.00	kl koae	6.5	6.5		7.9	10.2	vf	1.83							1.83	nomo			VL 422
4/20/35	1:10:00	19	21.00	155	18.00	kl koae	3.0	3.0		9.9	10.3	vf	1.84							1.84	nomo			VL 422
4/20/35	17:53:00	19	26.00	155	16.60	kl cal 0-5	1.6	1.6	1.0	1.7	2.3	vf	0.80							0.80	nomo		Kilauea crater; Waldron's ledge	VL 422
4/22/35	12:18:00					mauna kea?			54	54.0	54.7	t-felt	2.52							2.52	nomo	II	felt-Hakalau; Hakalau-sharp quake felt by few	VL 422; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/13/35	13:46:00					kl cal 0-5		2.0	6.8	6.8	7.3	vf	1.60							1.60	nomo		5 events 13:46-14:01; time, distance and depth assumed	VL 423
5/13/35	13:50:00	19	23.00	155	17.00	kl cal 0-5		2.0		5.8	6.1	vf	1.48							1.48	nomo			VL 423
5/13/35	13:54:00	19	25.00	155	20.00	kl cal 0-5		2.0		7.8	8.0	vf	1.67							1.67	nomo			VL 423
5/13/35	13:58:00					kl cal 0-5		2.0	6.8	6.8	7.3	vf	1.60							1.60	nomo		5 events 13:46-14:01; time, distance and depth assumed	VL 423
5/13/35	14:01:00					kl cal 0-5		2.0	6.8	6.8	7.3	vf	1.60							1.60	nomo		do	VL 423
5/23/35	1:37:00	19	25.50	155	18.00	kl cal 05-10	8.0	8.0		4.2	9.0	f	2.76							2.76	nomo			VL 423
6/5/35	6:55:00	19	28.0	155	48.0	kona	24	24		57.0	61.8	f-felt	4.10	<4.62	<4.55					4.10	nomo	III	felt-HVO and Honokaa; Honokaa-felt a light shake	VL 424; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]; stronger trace on kona seismograph
6/6/35	9:46:00	19	50.0	156	10.0	hualalai os				105.5	105.8	t	2.98							2.98	nomo			VL 424
6/10/35	12:29:00					ml ner??					20.0	vf	2.30							2.30	nomo	felt	Warshauer notes: A small earthquake was felt in Hilo at 12:29 p.m. Monday, more pronounced in Halai Hills section. Weakly recorded at HVO, stronger at Hilo than volcano	not separately reported in VL 424, but included in table; time and date from felt report; HSB, 6/12/1935
6/16/35	16:35:00	19	20.0	155	25.0	kaoiki				19.7	21.6	vf	2.35							2.35	nomo			VL 424
6/25/35	0:45:00	19	26.50	155	16.50	kl cal 10-20	5.0	15.0		1.9	15.1	m	4.16	<4.37	<4.42					4.16	nomo	V	island, dismantled seismographs; Anuhea-3, building creaked; Honokaa-quite a shock; hnp-wakened many, quite hard at kmc; Puu Ulaula-wakened party at rest house; Papaikou-felt, Hilo-many awakened	greater depth assumed consistent with felt reports; VL 424; HVO unpub

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
6/27/35	8:14:00	19	40.0	156	0.0	hualalai				82.2	82.7	vf-felt	4.03	<4.07	<4.07					4.03	nomo	V	felt-north Kona, Puu waa waa; Warshauer notes: While the Kona district yesterday morning [June 27] experienced one of the worst quakes in the past six years, the entire district being rocked . . .; dishes knocked off in Kona, felt hard at Puu waawaa.	looked for, not found on Hon film record; VL 424; HTH, 6/28/1935
6/28/35	9:00:00					kl sf?	8.0	10.0		19.2	21.6	m-st	4.69	5.71	5.82			5.6; 5.7	GUTE; W&K	5.76	aver	VI; VI (W&K; S&C); V (USE)	dismantled seismographs; some damage in Hilo; felt generally Hawaii island; extensive felt reports in HVO, unpub; Warshauer notes: hard in Hilo/Kapoho, less in Kona//Kohala; preferred magnitude calculated as an average of GUTE, W&K, and Honolulu	isoseismal map in W&K; [location given in VL (19.6, 155.18-Mauna Loa NE rift) disagrees with felt reports which strongly favor kl sf]; VL 424; HVO, unpub; HTH, 6/28/1935
7/4/35	22:02:00	19	23.90	155	17.95	kl cal 0-5	2.7	2.7		5.4	6.1	s	3.03							3.03	nomo			VL 425
7/5/35	21:44:00	19	24.30	155	15.60	kl uer		2.0		2.9	3.5	vf	1.09							1.09	nomo			VL 425
7/8/35	16:21:00	19	22.00	155	10.50	kl mer	5.7		11.5	11.5	14.6	m	3.90	<4.78	3.65					3.65	hono	felt	near Makaopuhi crater; Hilo-felt at two places, not at a third	VL 425; HVO unpub
7/10/35	9:49:00	19	18.0	155	43.0	ml swr				50.2	51.0	vf-felt	2.95							2.95	nomo	felt	SW rift Mauna Loa 31.4 mi from HVO; felt-Kona	VL 425
7/10/35	18:47:00	19	31.0	156	9.0	kona				94.2	94.6	vf-felt	3.38							3.38	nomo	felt	w of Kealakekua 59.5 mi from HVO; felt-Kona	VL 425
7/12/35	4:32:00	19	22.75	155	18.60	kl swr	4.0	4.0		7.7	8.7	vf	1.72							1.72	nomo			VL 425
7/12/35	20:30:00	19	16.7	155	27.70	kaoiki?	6.5	6.5	26.4	27.1	27.9	f-felt	3.87							3.87	nomo	VI	felt-strong at Kapapala ranch, noise like gun explosion, broke window; Kapapala ranch-6, strong, broke one window, sounded like an explosion; Hookena-4, building creak, water sloshing	lat and lon changed to Kaoiki from VL location on kl SW rift to fit felt report; VL 425; HVO unpub
7/13/35	14:56:00	19	24.20	155	15.60	kl uer		2.0		3.1	3.7	vf	1.12							1.12	nomo		bet Lua Manu and Keanakakoi	VL 425
7/16/35	17:10:00	19	8.00	155	24.00	kl kuer sf	17.5	10.0		36.2	37.6	f	3.75							3.75	nomo		20 mi SSW of Kilauea crater	VL 425
7/24/35	18:35:00	19	26.45	155	16.15	kl cal 05-10	9.0	9.0		1.4	9.1	vf	1.75							1.75	nomo			VL 425
7/26/35	13:51:00	19	21.60	155	20.40	kl swr		2.0		11.5	11.6	vf	1.92							1.92	nomo		5 mi SW of Halemaumau	VL 425
7/31/35	9:01:00									0.0													15 minutes of harmonic tremor	VL 425
7/31/35	21:35:00									0.0													20 minutes of harmonic tremor	VL 425
8/9/35	8:40:00	19	24.00	155	18.50	kl swr		2.0		6.1	6.4	vf	1.51							1.51	nomo			VL 426
8/11/35	19:12:00	19	27.50	155	14.70	kl cal 0-5	2.0	2.0	4.0	3.5	4.0	vf	1.18							1.18	nomo		2-3 mi NE of HVO	VL 426
8/17/35	0:04:00	19	34.0	155	25.2	ml ner	33	9		22.6	24.3	s-felt	4.00	3.80	3.70					3.75	hono	felt	felt-volcano, Pahala, Hilo, Hakalau, Hookena; Hakalau-felt; Hilo-a slight quake; Hookena-2, building creak	mag agreement better if shallow; VL 426; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/20/35	13:23:00	19	24.00	155	17.00	kl cal 0-5	2.0	2.0	4.0	4.2	4.6	vf	1.28							1.28	nomo		SW Kilauea crater	VL 426
8/22/35	6:11:00	19	23.75	155	17.60	kl swr		2.0	6.5	5.2	5.6	vf	1.41							1.41	nomo		1.8 mi SW of Halemaumau	VL 426
8/22/35	8:12:00	19	24.35	155	17.25	kl swr		2.0	5.0	4.0	4.4	vf	1.25							1.25	nomo		0.8 mi SW of Halemaumau	VL 426
8/23/35	1:28:00	19	23.80	155	17.60	kl swr		2.0	6.5	5.1	5.5	vf	1.40							1.40	nomo		1.7 mi SW of Halemaumau	VL 426
8/23/35	5:13:00	19	23.80	155	17.60	kl swr		2.0	6.5	5.1	5.5	vf	1.40							1.40	nomo		1.7 mi SW of Halemaumau	VL 426
8/23/35	18:32:00	19	23.60	155	17.70	kl swr		2.0	7.0	5.5	5.9	vf	1.45							1.45	nomo		2.1 mi SW of Halemaumau	VL 426
8/24/35	8:20:00	19	23.00	155	18.80	kl swr	4.0	4.0	7.5	7.7	8.6	vf	1.72							1.72	nomo			VL 426
8/27/35	3:15:00	19	24.20	155	16.70	kl cal 0-5	5.0	5.0		3.6	6.1	vf	1.48							1.48	nomo			VL 426
8/27/35	14:23:00	19	24.10	155	16.30	kl cal 0-5	1.6	1.6		3.5	3.8	vf	1.15							1.15	nomo			VL 426
8/29/35	7:59:00	19	22.70	155	15.40	kl koae	6.0	6.0		5.9	8.4	vf	1.70							1.70	nomo			VL 426
8/29/35	23:46:00	19	22.40	155	16.00	kl koae		5.0	9.0	6.4	8.2	vf	1.68							1.68	nomo		3.7 mi SSE of Halemaumau	VL 426
9/5/35	10:29:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		under or near Halemaumau	VL 427
9/6/35	16:26:00	19	36.5	155	48.2	hualalai				60.5	61.2	vf-felt	3.08							3.08	nomo	felt	felt-Puu waa waa; Puu Waawaa ranch-felt slightly, dur 20 sec	VL 427; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/9/35	5:06:00	19	24.50	155	17.50	kl cal 0-5	1.0	1.0		4.1	4.2	vf	1.22							1.22	nomo			VL 427
9/15/35	17:34:00	19	30.0	155	34.5	ml ner				34.0	35.2	vf	2.69							2.69	nomo		upper NE rift	VL 427
9/17/35	5:55:00					kl sf??					30.0	f-felt	3.60							3.60	nomo	felt	Hilo-felt slightly	not separately reported in VL 427, but included in table; time and date from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/17/35	22:06:00	19	23.10	155	17.70	kl cal 0-5	2.7	2.7		6.2	6.8	vf	1.55							1.55	nomo			VL 427
9/19/35	9:07:00	19	23.90	155	15.40	kl uer	4.5	4.5		3.7	5.8	vf	1.44							1.44	nomo			VL 427
9/19/35	9:10:00	19	23.00	155	14.20	kl uer	7.0	7.0		5.9	9.1	vf	1.76							1.76	nomo			VL 427
9/20/35	2:31:00	19	24.70	155	16.10	kl cal 05-10	8.0	8.0		2.3	8.3	vf	1.69							1.69	nomo			VL 427
9/20/35	15:59:00	19	24.60	155	17.00	kl cal 0-5	1.7	1.7		3.3	3.7	f	2.15							2.15	nomo			VL 427
9/21/35	22:31:00	19	21.20	155	15.90	kl koae	8.0	8.0		8.6	11.8	vf	1.93							1.93	nomo			VL 427
9/23/35	20:08:00	19	21.00	155	16.90	kl cal 0-5		2.0		9.3	9.5	vf	1.78							1.78	nomo			VL 427
9/26/35	14:27:00	19	24.50	155	17.10	kl cal 0-5	1.0	1.0		3.6	3.7	vf	1.13							1.13	nomo			VL 427
9/28/35	4:09:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		se rim of Halemaumau	VL 427
9/30/35	8:28:00	19	24.50	155	17.10	kl cal 0-5	1.4	1.4		3.6	3.8	vf	1.15							1.15	nomo			VL 428

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/30/35	22:30:00					ml ner			24	24.0	25.6	f-felt	3.81							3.81	nomo	felt	felt-Hilo, Kapapala	seismogram pictured in VL 444, p. 3, labeled as feeble; date and time from seismogram, assume drum moves at 60 mm/min, amp 24 mm E-W, 13 mm N-S [slight, as measured]; VL 428
9/30/35	22:35:00	19	31.4	155	31.6	ml mok	39	39		29.8	49.1	vf	2.92							2.92	nomo	IV		VL 428
9/30/35	22:36:00	19	22.0	155	39.5	ml swr	45	45		42.5	61.9	m	4.90	4.70	4.80					4.75	hono	IV	felt generally Hawaii island; Warshauer notes: felt locally (long, swaying), one of 4 shocks felt island-wide, no damage	seismogram pictured in VL 444, p. 3; VL 428; HTH, 10/1/1935
9/30/35	22:36:00	19	22.0	155	39.5	ml swr	45	45		42.5	61.9	m	4.90	4.70	4.80					do	do	do	volcano (1 of 4 shocks), Kapapala (Kau-1 of 8 shocks), Hilo-2, 4-building shook (1 of 6 shocks), less strong at Kona, Puu Waawaa and Kohala, Hakalau-slight, felt by all; Honomu-very feeble	HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/30/35	23:00:00					ml ner					25.6	vf-felt	2.47							2.47	nomo	felt		not separately reported in VL 427, but included in table; time and date from felt report
9/30/35	23:28:00					ml mok				35.0	36.1	vf	3.38							3.38	nomo			seismogram pictured in VL 444, p. 3, labeled as very feeble; date and time from seismogram, assume drum moves at 60 mm/min, amp 4.5 mm E-W, 2.5 mm N-S [vf-f, as measured]
9/30/35	23:58:00	19	38.7	155	26.3	ml nf	26	26		30.3	39.9	m-st	5.61	5.46	5.79					5.62	hono	V; IV (S&C)	felt all Hawaii island, some damage in Hilo; Warshauer notes: strongest of series; felt Hilo, volcano, Kau, Kona; no damage	seismogram pictured in VL 444, p. 3, E-W labeled m dismantled, p. 5, n-s labeled slight; assume drum moves at 60 mm/min, amp >142 mm E-W, 95 mm N S [st, as measured]; VL 428; HTH, 10/1/1935; additional felt reports in HVO, unpub
9/30/35	23:58:00	19	38.7	155	26.3	ml nf	26	26		30.3	39.9	m-st	5.61	5.46	5.79					do	do	do	Warshauer notes: Jaggar concludes quake series was off Puna [contradicts VL locations]; Hilo-2, quite a heavy shock; Hilo-6, building shook; Holualoa-5, rather heavy and long; Honomu-strong; Hookena-hanging objects swung	HTH, 10/2/1935; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/1/35	0:00:00					ml mok?				35.0	36.1	vf	2.71							3.89	calc		Hilo-tremors 11:20 PM to 1:30 am; Kapapala-8 shocks, strongest at midnight; Hilo-6 shocks, slow swayings Pahala to, Kohala, Kona less; preferred magnitude calculated as nomogram magnitude multiplied by number of events	VL 428 [earthquake swarm (assume Mauna Loa summit); 20 events unaccounted for (vf) between 22:30 and 24:00]]
10/1/35	0:02:00	19	38.7	155	26.3	ml nf?				30.3	31.6	m	4.67	lost in ms	lost in ms					4.67	nomo	felt	felt as a continuation of M5.6 eq; location uncertain; Warshauer notes: felt Hilo, Volcano, Kau, Kona (Holualoa-light shock); Honomu-felt?	VL 428; HTH, 10/1/1935; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/1/35	0:10:00	19	38.7	155	26.3	ml nf?				30.3	31.6	f-felt	3.63							3.63	nomo	II	location uncertain; prob Mauna Loa as preceding quake; felt slightly NE Hawaii island; Warshauer notes: felt Hilo, not volcano; hilo-2; puu waawaa ranch (00:15)-felt moderately, dur 15 sec; hookena-4, building creaked, hanging objects moved	VL 428; HTH, 10/1/1935; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/1/35	0:34:00	19	38.7	155	26.3	ml nf?				30.3	31.6	s	4.18							4.18	nomo	felt	associated with preceding two quakes; Warshauer notes: felt Hilo, not volcano	VL 428; HTH, 10/1/1935
10/1/35	0:54:00	19	34.4	155	24.5	ml ner	38	38		22.2	44.0	s	4.19	3.80	4.10					3.95	hono	IV	felt-HVO, northeast Hawaii island; Warshauer notes: felt Hilo, volcano, Kau, Kona and; Holualoa-rather strong, several other light ones reported by neighbors; Hilo-6, buildings shook	shallower?; VL 428; HTH, 10/1/1935; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/1/35	10:22:00	19	38.3	155	19.2	ml ner				23.9	25.5	m	4.29	<4.63	4.15					4.15	hono	II	felt-Hilo and HVO; felt at Pahala and Hilo (10:37); Hilo-2	Honolulu data average of two readings; VL 428; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/4/35	5:33:00	19	23.5	155	38.2	ml swr	45	45		39.8	60.1	f	3.81							3.81	nomo	II	Hilo-2	numerals-in remarks column refer to HVO postcards]
10/5/35	1:49:00	19	29.0	155	35.0	ml mok				34.5	35.6	f-felt	3.72	no trace	no trace					3.72	nomo	IV	NE edge of Mokuaweoweo; felt strongly-summit rest house, Waiohinu, Honuapo	VL 428
10/10/35	15:42:00					kona?					65.0	vf	3.12							3.12	nomo	III	Hookena-3	not separately reported in VL 427, but included in table; time and date from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/11/35	7:37:00	19	24.50	155	17.10	kl cal 0-5	2.0	2.0		3.6	4.1	vf	1.20							1.20	nomo			VL 428
10/15/35	16:53:00	19	22.90	155	14.40	kl uer	4.5	4.5		5.9	7.4	vf	1.61							1.61	nomo			VL 428
10/15/35	18:35:00	19	21.50	155	17.00	kl koae	6.0	6.0		8.4	10.3	f	2.86							2.86	nomo			VL 428
10/15/35	19:20:00	19	21.50	155	19.00	kl koae	3.0	3.0		10.0	10.4	s	3.41							3.41	nomo			VL 428
10/15/35	20:09:00	19	22.10	155	18.80	kl koae	6.0	6.0		8.9	10.7	vf	1.87							1.87	nomo			VL 428
10/15/35	20:09:00	19	22.80	155	19.70	kl koae	6.0	6.0		9.1	10.9	s	3.44							3.44	nomo			VL 428

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/16/35	0:07:00	19	21.60	155	17.30	kl koae	2.0	2.0		8.4	8.6	s	3.28							3.28	nomo			VL 428
10/20/35	17:01:00	19	24.50	155	17.00	kl cal 0-5	1.9	1.9		3.4	3.9	vf	1.17							1.17	nomo			VL 428
10/25/35	23:45:00	19	24.40	155	16.90	kl cal 0-5	1.1	1.1		3.5	3.6	vf	1.12							1.12	nomo			VL 428
11/1/35	18:23:00	19	24.40	155	16.90	kl cal 0-5		2.0	3.5	3.5	4.0	vf	1.18							1.18	nomo		s rim Kilauea crater	VL 429
11/1/35	18:34:00	19	24.70	155	17.20	kl cal 0-5	1.3	1.3		3.5	3.7	f	2.14							2.14	nomo			VL 429
11/1/35	19:40:00	19	24.70	155	17.20	kl cal 0-5	1.3	1.3		3.5	3.7	vf	1.13							1.13	nomo			VL 429
11/1/35	19:40:00	19	24.70	155	17.20	kl cal 0-5	1.3	1.3		3.5	3.7	vf	1.13							1.13	nomo			VL 429
11/1/35	19:40:00	19	24.70	155	17.20	kl cal 0-5	1.3	1.3		3.5	3.7	vf	1.13							1.13	nomo			VL 429
11/1/35	19:40:00	19	24.70	155	17.20	kl cal 0-5	1.3	1.3		3.5	3.7	vf	1.13							1.13	nomo			VL 429
11/1/35	19:40:00	19	24.70	155	17.20	kl cal 0-5	1.3	1.3		3.5	3.7	vf	1.13							1.13	nomo			VL 429
11/1/35	19:40:00	19	24.70	155	17.20	kl cal 0-5	1.3	1.3		3.5	3.7	vf	1.13							1.13	nomo			VL 429
11/7/35	5:36:00	19	25.90	155	18.60	kl cal 05-10	7.5	7.5		5.2	9.1	vf	1.75							1.75	nomo			VL 429
11/17/35	1:52:00	19	48.0	155	32.5	mauna kea	19	19		50.6	54.0	vf	2.99							2.99	nomo			VL 429
11/18/35	15:04:00	19	29.0	155	35.0	ml mok				34.5	35.6	vf	2.70							2.70	nomo		NE edge of Mokuaweoweo	VL 429
11/20/35	5:57:00	19	24.90	155	18.80	kl cal 05-10	7.5	7.5		5.8	9.5	vf	1.78							1.78	nomo			VL 429
11/20/35	11:52:00	19	36.0	155	21.0	ml ner				21.0	22.9	vf	2.39							2.39	nomo		halfway bet Hilo and Mokuaweoweo	VL 429
11/21/35	1:11:00	19	31.0	155	31.5	ml ner	5	5		29.4	29.8	m (st?)	5.64	5.03	5.05			5.6	W&K	5.43	aver	VI; V (S&C)	felt-Waikiki (Oahu), Hana (Maui), Kapapala ranch, dur 90 sec, items off shelves, window broke; Warshauer notes: see bib; extensive felt reports in HVO, unpub; preferred magnitude calculated as average of Honolulu, Whitney as read, and W&K	isoseismal map in W&K; seismogram pictured in VL 444, p. 1, assume drum moves at 60 mm/min, amp 210 mm N-S [st, as measured]; seismogram s-p agrees with VL distance; HTH, 11/21/1935; HVO, unpub-see bib
11/21/35	18:33:00					ml ner		5	34	34.0	34.4	f	3.69							3.69	nomo		earthquake swarm on Mauna Loa NE rift to end of month; from NE edge of Mokuaweoweo to 4 mi WSW of rest house at Puu Ulaula	VL 429
11/21/35	18:35:00					ml ner		5	34	34.0	34.4	s	4.01							4.01	nomo		do	Mauna Loa eruption begins, from north bay of Mokuaweoweo to Red Hill, 4 miles down Mauna Loa northeast rift zone; VL 429
11/21/35	18:42:00					ml ner		5	34	34.0	34.4	s	4.01							4.01	nomo		do	VL 429
11/21/35	18:45:00	19	29.0	155	35.0	ml ner		5		34.5	34.8	f	3.70							3.70	nomo		do; NE edge of Mokuaweoweo	VL 429
11/21/35	18:49:00	19	30.5	155	33.5	ml ner		5		32.5	32.9	f	3.66							3.66	nomo		do; 6 mi w of Puu Ulaula	VL 429
11/21/35	18:58:00					ml ner?		5	30	30.0	30.4	vf	2.59							2.59	nomo			VL 429
11/24/35	14:46:00	19	24.50	155	16.60	kl cal 0-5	1.0	1.0		3.0	3.2	vf	1.02							1.02	nomo			VL 429
11/27/35	0:30:00	19	33.7	155	32.0	ml mok	15	15		32.2	35.5	vf	2.70							2.70	nomo			VL 429
11/27/35	18:15:00	19	24.20	155	17.20	kl cal 0-5	1.7	1.7		4.1	4.4	vf	1.25							1.25	nomo			VL 429
11/29/35	13:48:00	19	24.00	155	17.60	kl cal 0-5		2.0		4.8	5.2	vf	1.37							1.37	nomo			VL 429
12/2/35	7:55:00	19	26.8	155	28.0	kaoiki				21.8	23.5	vf	2.41							2.41	nomo			VL 430, p. 2; VL 431, p. 3
12/3/35	6:30:00					ml ner			31	31.0	32.3	vf	2.63							2.63	nomo		19.4 mi from HVO	VL 430, p. 2
12/4/35	21:14:00	19	24.40	155	16.70	kl cal 0-5		2.0	3.5	3.3	3.8	f-felt	2.17							2.17	nomo	III	Halemaumau, felt-hnp; hnp-4, felt at CCC camp	VL 430, p. 2; VL 431, p. 3; HVO unpub
12/7/35	0:31:00					kl cal 0-5		2.0	3.8	3.8	4.3	vf	1.23							1.23	nomo		2.4 mi from HVO	VL 430, p. 2
12/10/35	6:09:00					ml ner			30.2	30.2	31.5	vf	2.62							2.62	nomo		18.9 mi from HVO	VL 430, p. 3
12/10/35	18:19:00	19	15.00	155	25.10	kl swr		5.0	26.0	26.1	26.6	vf	2.50							2.50	nomo		14 mi SW of Halemaumau seismometer	VL 430, p. 3
12/10/35	18:19:00					ml ner			32.3	32.3	33.5	vf	2.66							2.66	nomo		20.2 mi from HVO	VL 430, p. 3; VL 431, p. 3
12/11/35	13:36:00					ml nf?			51	51.0	51.8	vf	2.96							2.96	nomo		31.9 mi from HVO	VL 430, p. 3
12/13/35	9:31:00	19	24.40	155	16.70	kl cal 0-5		4.0	3.5	3.3	5.2	s-felt	2.92							2.92	nomo	IV	Halemaumau, felt-strongly at hm, lightly in hnp; hnp-3, buildings creek	VL 430, p. 3; HVO unpub
12/13/35	9:31:00					kl cal 0-5		2.0	3.2	3.2	3.8	vf	1.14							1.14	nomo		2 mi from HVO	VL 430, p. 3; VL 431, p. 3
12/14/35	14:33:00					ml ner			29	29.0	30.4	f	3.61							3.61	nomo		18.3 mi from HVO; HVO-rang no. 1 annunciator	numerals-in remarks column refer to HVO postcards]
12/18/35	0:13:00					kaoiki?			17.5	17.5	19.7	vf	2.29							2.29	nomo		11 mi from HVO	VL 430, p. 2
12/22/35	14:52:00					unknown				0.0	9.0	vf											distance undetermined	VL 430, p. 4
12/22/35	18:35:00					kl cal 0-5		2.0	2.5	2.5	3.2	vf	1.03							1.03	nomo			VL 430, p. 2
12/27/35										0.0													Eruption channels bombed	VL 430, p. 4; VL 431, p. 4-7
12/30/35	1:04:00					kaoiki?			19.2	19.2	21.2	vf	2.34							2.34	nomo		12 mi from HVO	VL 431, p. 4
1/2/36	14:47:00					ml swr?			40	40.0	41.0	vf	2.80							2.80	nomo		25 mi from HVO	Mauna Loa northeast rift eruption ends on this day; VL 431, p. 4
1/3/36	7:34:00					unknown				0.0	9.0	vf											distance uncertain	VL 431, p. 4
1/3/36	9:41:00					ml ner?			32	32.0	33.2	vf	2.65							2.65	nomo		20 mi from HVO	VL 431, p. 4
1/4/36	11:44:00					kaoiki?			22.4	22.4	24.1	vf	2.43							2.43	nomo		14 mi from HVO	VL 431, p. 4
1/5/36	10:27:00					kl cal 0-5		2.0	3.2	3.2	3.8	vf	1.14							1.14	nomo		2 mi from HVO	VL 431, p. 4
1/6/36	6:00:00					kl cal 0-5		2.0	3.2	3.2	3.8	vf	1.14							1.14	nomo		2 mi from HVO	VL 431, p. 4
1/7/36	8:06:00					kl cal 0-5		2.0	3.2	3.2	3.8	vf	1.14							1.14	nomo		2 mi from HVO	VL 431, p. 4
1/7/36	11:08:00					kl cal 0-5		2.0	3.2	3.2	3.8	vf	1.14							1.14	nomo		2 mi from HVO	VL 431, p. 4
1/8/36	4:32:00					ml swr?			40	40.0	41.0	vf	2.80							2.80	nomo		25 mi from HVO	VL 431, p. 4
1/11/36	14:14:00					kl cal 0-5		2.0	3.2	3.2	3.8	vf	1.14							1.14	nomo		2 mi from HVO	VL 431, p. 4
1/12/36	19:54:00					ml ner?			32	32.0	33.2	vf	2.65							2.65	nomo		20 mi from HVO	VL 431, p. 4

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/15/36	21:59:00					kl cal 0-5		2.0	3.2	3.2	3.8	vf	1.14							1.14	nomo		2 mi from HVO	VL 431, p. 4
1/16/36	10:15:00					kl cal 05-10 ?		9.0	3.0	3.0	9.5	vf	1.78							1.78	nomo		6 mi from HVO	VL 431, p. 4
1/16/36	13:14:00					kl cal 0-5		2.0	5.6	5.6	5.9	vf	1.46							1.46	nomo		3.5 mi from HVO	VL 431, p. 4
1/16/36	23:43:00					kl cal 0-5		2.0	3.8	3.8	4.3	vf	1.23							1.23	nomo		2.4 mi from HVO	VL 431, p. 4
1/17/36	13:11:00					hualalai?			78.4	78.4	78.9	vf	3.25							3.25	nomo		49 mi from HVO	VL 431, p. 4
1/18/36	1:45:00					kohala?			99.2	99.2	99.6	vf	3.42							3.42	nomo		62 mi from HVO	VL 431, p. 4
1/19/36	23:31:00					ml mok?			38.4	38.4	39.4	vf	2.77							2.77	nomo		24 mi from HVO	VL 431, p. 4
1/22/36	17:27:00					ml ner?			32	32.0	33.2	vf	2.65							2.65	nomo		20 mi from HVO	VL 431, p. 4
1/23/36	17:15:00					kl cal 0-5		2.0	4.3	4.3	4.7	vf	1.30							1.30	nomo		2.7 mi from HVO	VL 431, p. 4
2/4/36	12:00:00	19	24.40	155	16.90	kl cal 0-5	3.2	3.2	4.5	3.5	4.7	f	2.31							2.31	nomo		0.7 mi s of Halemaumau	VL 432, p. 2
2/5/36	12:00:00	19	35.8	155	41.3	ml nf deep	33.6	33.6		48.7	59.1	f-felt	4.07	<5.22	<5.22					4.07	nomo	felt	5 mi NW of Puu Koli; felt-Hilo, hnp	VL 432, p. 2; time not given
2/12/36	12:00:00	19	24.15	155	17.35	kl cal 05-10	8.0	8.0	6.0	4.3	9.1	vf	1.75							1.75	nomo		1.5 mi SW of Halemaumau	VL 432, p. 2
2/12/36	12:00:00	19	24.90	155	17.80	kl cal 05-10	7.0	7.0	4.5	4.2	8.1	vf	1.68							1.68	nomo		0.8 mi WNW (?) of Halemaumau near Kilauea rift cones (postal rift?)	VL 432, p. 2
2/13/36	12:00:00	19	23.40	155	15.10	kl uer	3.1	3.1	4.0	4.7	5.6	vf	1.42							1.42	nomo		0.2 mi NE of Kokoolau	VL 432, p. 2
2/21/36	12:00:00	19	25.00	155	11.80	kl gln	6.0	6.0	7.6	7.0	9.2	vf	1.76							1.76	nomo		3.5 mi e of Kilauea Iki	VL 432, p. 2
2/27/36	12:00:00	19	22.70	155	14.00	kl uer	4.5	4.5	7.0	6.5	7.9	vf	1.66							1.66	nomo		0.5 mi n of Pauahi	VL 432, p. 2
3/1/36	12:00:00	19	24.30	155	17.30	kl swr		2.0	5.5	4.1	4.5	vf	1.27							1.27	nomo		1 mi SW of Halemaumau	VL 432, p. 2
3/3/36	1:36:00	19	24.70	155	17.10	kl cal 0-5		2.0	3.0	3.3	3.9	vf	1.16							1.16	nomo		n rim Halemaumau	VL 433, p. 3
3/5/36	7:31:00	19	24.40	155	15.40	kl cal 0-5	2.6	2.6		2.7	3.8	vf	1.14							1.14	nomo		1.8 mi e of Halemaumau	VL 433, p. 3
3/6/36	17:33:00	19	24.50	155	17.20	kl cal 0-5		2.0	4.0	3.7	4.2	vf	1.22							1.22	nomo		SW rim of Halemaumau	VL 433, p. 3
3/9/36	14:15:00					kl cal 0-5		2.0	3.5	3.5	4.0	vf	1.19							1.19	nomo		se Kilauea crater	VL 433, p. 3
3/10/36	12:59:00					hualalai			65	65.0	65.6	vf	3.13							3.13	nomo	IV	e slope Hualalai; Hookena-3, building creaked	numerals-in remarks column refer to HVO postcards]
3/11/36	16:15:00	19	24.50	155	15.10	kl cal 0-5	1.7	1.7		2.7	3.2	s-felt	2.59							2.59	nomo	III	sharply felt by many people in the volcano district	VL 433, p. 3
3/11/36	16:19:00					kl cal 0-5		2.0	2.8	2.8	3.4	vf	1.08							1.08	nomo			VL 433, p. 3
3/11/36	16:49:00					kl cal 0-5		2.0	2.8	2.8	3.4	vf	1.08							1.08	nomo			VL 433, p. 3
3/11/36	16:54:00	19	24.40	155	15.00	kl cal 0-5	2.4	2.4		2.9	3.8	s-felt	2.71							2.71	nomo	III	sharply felt by many people in the volcano district	VL 433, p. 3
3/11/36	16:55:00	19	24.40	155	15.00	kl cal 0-5	2.4	2.4		2.9	3.8	s-felt	2.71							2.71	nomo	III	sharply felt by many people in the volcano district	VL 433, p. 3
3/21/36	15:50:00					hualalai			77	77.0	77.5	f	4.26	<4.77	no trace					4.26	nomo		w slope Hualalai	VL 433, p. 3
3/22/36	5:44:00	19	26.5	155	35.8	mauna loa deep	56	56		35.4	66.3	vf	3.13							3.13	nomo			VL 433, p. 3
3/23/36	8:19:00					kl cal deep		30.0	4.0	4.0	30.3	vf	2.59							2.59	nomo		deep under Kilauea crater	VL 433, p. 3
3/25/36	2:34:00	19	23.80	155	14.00	kl uer	5.0	5.0	5.5	4.8	6.9	vf	1.56							1.56	nomo			VL 433, p. 3
4/1/36	11:13:00	19	24.20	155	17.35	kl swr		2.0	7.0	4.3	4.7	vf	1.30							1.30	nomo		cone peak, 1.5 mi SW of Halemaumau	VL 434, p. 2
4/4/36	4:24:00	19	23.90	155	16.40	kl koae	4.0	4.0		3.9	5.6	vf	1.41							1.41	nomo			VL 434, p. 2
4/5/36	21:31:00	19	24.60	155	18.40	kl cal 0-5	1.8	1.8		5.4	5.6	vf	1.42							1.42	nomo			VL 434, p. 2
4/9/36	10:40:00	19	49.5	155	5.5	mauna kea	12.8	12.8		47.3	49.0	vf	2.92							2.92	nomo			VL 434, p. 2
4/10/36	7:21:00	19				kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 434, p. 2
4/11/36	21:50:00	19	12.0	155	30.0	hilea				36.0	37.1	vf	2.73							2.73	nomo		near Pahala	VL 434, p. 2
4/13/36	6:46:00	19	24.40	155	15.80	kl cal 0-5	2.6	2.6		2.7	3.8	vf	1.14							1.14	nomo			VL 434, p. 2
4/13/36	18:59:00	19	24.20	155	17.35	kl swr		2.0	6.0	4.3	4.7	vf	1.30							1.30	nomo		1.5 km SW of Halemaumau	VL 434, p. 2
4/14/36	2:13:00	19	24.80	155	16.30	kl cal 0-5	2.8	2.8		2.3	3.6	vf	1.11							1.11	nomo			VL 434, p. 2
4/15/36	6:03:00	19	25.20	155	18.70	kl cal 0-5	1.0	1.0		5.5	5.6	vf	1.41							1.41	nomo			VL 434, p. 2
4/15/36	8:27:00	19	24.00	155	15.00	kl cal deep	30.0	30.0		3.6	30.2	m	4.64	4.72	4.60					4.66	hono	V (USE); IV (kona)	felt generally Hawaii island, specific reports from Olaa, Hookena, and Hamakua coast; felt rather strongly in volcano; e-w component dismantled; Hookena-3, building creaked	VL 434, p. 2; HVO, unpub
4/15/36	12:30:00	19	21.20	155	15.50	kl koae	13.0	13.0	9.0	8.6	15.6	f	3.14							3.14	nomo		Kulanaokuaiki pali, 3.8 mi SSE of Halemaumau	VL 434, p. 2
4/15/36	18:47:00	19	24.60	155	16.40	kl cal 0-5	1.0	1.0		2.7	2.9	vf	0.95							0.95	nomo			VL 434, p. 2
4/16/36	15:38:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 434, p. 2
4/17/36	19:44:00	19	24.60	155	16.00	kl cal 0-5	1.5	1.5	2.5	2.4	2.8	vf	0.94							0.94	nomo			VL 434, p. 2
4/20/36	13:24:00	19	25.20	155	16.20	kl cal 0-5		2.0	1.6	1.5	2.5	vf	0.86							0.86	nomo		1 mi SW of HVO	VL 434, p. 2
4/23/36	13:08:00	19	24.60	155	17.80	kl cal 0-5		2.0	5.0	4.4	4.9	vf	1.32							1.32	nomo		0.9 mi w of Halemaumau	VL 434, p. 2
4/25/36	15:11:00	19	22.00	155	15.70	kl koae		2.0	6.0	7.2	7.4	vf	1.61							1.61	nomo			VL 434, p. 2
4/26/36	9:22:00	19	21.50	155	10.00	kl mer	13.6	5.0		12.8	13.8	vf	2.04							2.04	nomo			VL 434, p. 2
4/27/36	3:47:00	19	15.5	155	57.4	kona	12.8	12.8		75.8	76.9	vf	3.24							3.24	nomo			VL 434, p. 2
4/29/36	8:29:00	19	24.00	155	17.50	kl swr		2.0	6.5	4.7	5.1	vf	1.35							1.35	nomo		2 mi SW of Halemaumau	VL 434, p. 2
5/2/36	7:09:00	19	22.0	155	40.0	ml swr				43.4	44.3	vf	2.85							2.85	nomo		8 mi from Mokuaweoweo, Mauna Loa SW rift	VL 434, p. 2
5/6/36	20:55:00	19	25.20	155	16.20	kl cal 0-5	1.0	1.0		1.5	1.8	vf	0.64							0.64	nomo			VL 435, p. 3
5/7/36	6:51:00	19	24.70	155	15.90	kl cal 0-5	3.0	3.0		2.2	3.7	vf	1.13							1.13	nomo			VL 435, p. 3
5/7/36	8:07:00	19	24.90	155	16.50	kl cal 0-5	0.6	0.6		2.3	2.4	vf	0.82							0.82	nomo			VL 435, p. 3
5/10/36	18:57:00	19	25.00	155	15.10	kl cal 0-5	1.9	1.9		1.9	2.7	vf	0.90							0.90	nomo			VL 435, p. 3
5/14/36	16:42:00	19	24.20	155	16.30	kl cal 0-5	2.6	2.6		3.3	4.2	vf	1.21							1.21	nomo			VL 435, p. 3
5/14/36	21:04:00	19	25.40	155	14.60	kl cal 0-5	1.9	1.9		2.0	2.8	vf	0.93							0.93	nomo			VL 435, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/16/36	6:35:00	19	24.40	155	16.90	kl cal 0-5		2.0	4.0	3.5	4.0	vf	1.18							1.18	nomo		s rim Kilauea crater	VL 435, p. 3
5/21/36	14:31:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 435, p. 3
5/21/36	14:46:00	19	26.60	155	16.90	kl cal 0-5	2.7	2.7		2.6	3.7	vf	1.13							1.13	nomo			VL 435, p. 3
5/25/36	10:46:00	19	25.50	155	15.50	kl cal 0-5	1.7	1.7		0.7	1.8	vf	0.64							0.64	nomo			VL 435, p. 3
5/26/36	11:48:00	19	25.50	155	15.50	kl cal 0-5	2.2	2.2		0.7	2.3	vf	0.80							0.80	nomo			VL 435, p. 3
5/28/36	3:09:00	19	19.30	155	14.80	kl kuer sf	15.0	15.0		12.3	19.4	vf	2.28							2.28	nomo			VL 435, p. 3
5/30/36	6:19:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		Mauna Loa NE rift	VL 435, p. 3
6/1/36	18:33:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 436, p. 3
6/1/36	19:53:00	19	22.30	155	18.00	kl koae		2.0		7.8	8.0	vf	1.67							1.67	nomo			VL 436, p. 3
6/3/36	20:13:00	19	25.20	155	16.10	kl cal 0-5	2.4	2.4		1.4	2.8	vf	0.93							0.93	nomo			VL 436, p. 3
6/4/36	13:21:00	19	24.70	155	15.80	kl cal 0-5	4.0	4.0		2.2	4.5	vf	1.27							1.27	nomo			VL 436, p. 3
6/4/36	15:18:00	19	25.20	155	16.10	kl cal 0-5	2.9	2.9		1.4	3.2	vf	1.04							1.04	nomo			VL 436, p. 3
6/5/36	16:09:00	19	24.30	155	17.00	kl cal 0-5	1.9	1.9		3.7	4.2	vf	1.21							1.21	nomo			VL 436, p. 3
6/7/36	21:53:00	19	24.50	155	15.90	kl cal 0-5	1.3	1.3		2.6	2.9	vf	0.95							0.95	nomo			VL 436, p. 3
6/7/36	23:28:00	19	26.00	155	16.80	kl cal 0-5	1.9	1.9		2.0	2.8	vf	0.93							0.93	nomo			VL 436, p. 3
6/11/36	17:05:00	19	25.60	155	16.00	kl cal 0-5	2.2	2.2		0.8	2.3	vf	0.81							0.81	nomo			VL 436, p. 3
6/14/36	8:31:00	19	21.30	155	21.10	kl swr		2.0	17.0	12.8	12.9	vf	2.00							2.00	nomo		8-9 mi SW of Halemaumau	VL 436, p. 3
6/17/36	0:55:00	19	23.20	155	18.00	kl cal 0-5	3.0	3.0		6.4	7.1	vf	1.58							1.58	nomo			VL 436, p. 3
6/18/36	0:03:00	19	25.10	155	18.00	kl cal 0-5	4.0	4.0		4.3	5.9	vf	1.45							1.45	nomo			VL 436, p. 3
6/22/36	2:37:00					kl kuer sf		10.0	16.0	16.0	18.9	vf	2.26							2.26	nomo		near Hilina pali	VL 436, p. 3
6/23/36	19:19:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 436, p. 3
6/25/36	20:34:00	19	20.90	155	17.70	kl koae	5.9	5.9		9.9	11.5	vf	1.91							1.91	nomo			VL 436, p. 3
6/25/36	20:37:00	19	25.90	155	17.40	kl cal 0-5	5.0	5.0		3.1	5.9	vf	1.45							1.45	nomo			VL 436, p. 3
6/26/36	6:57:00	19	24.60	155	15.10	kl cal 0-5	2.6	2.6		2.5	3.6	vf	1.11							1.11	nomo			VL 436, p. 3
6/26/36	9:25:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 436, p. 3
6/26/36	14:54:00	19	24.40	155	14.20	kl cal 0-5	2.6	2.6		3.7	4.5	vf	1.27							1.27	nomo			VL 437, p. 1
6/30/36	7:28:00	19	24.00	155	17.30	kl cal 05-10	6.4	6.4		4.5	7.8	vf	1.65							1.65	nomo			VL 437, p. 1
7/1/36	14:31:00	19	22.00	155	18.60	kl cal deep	24.0	24.0		8.8	25.6	f-felt	3.49							3.49	nomo	felt	felt-Hilo	VL 437, p. 1
7/1/36	14:32:00	19	22.00	155	18.60	kl cal deep	24.0	24.0		8.8	25.6	f-felt	3.49							3.49	nomo	felt	felt-Hilo	VL 437, p. 1
7/2/36	12:47:00	19	22.50	155	15.75	kl koae		2.0	6.5	6.2	6.5	vf	1.52							1.52	nomo		2.3 mi w of Pauahi	VL 437, p. 1
7/3/36	6:27:00	19	22.90	155	17.10	kl koae	6.4	6.4		6.0	8.8	vf	1.73							1.73	nomo			VL 437, p. 1
7/3/36	13:25:00	19	24.70	155	16.30	kl cal 0-5	2.9	2.9		2.4	3.8	vf	1.14							1.14	nomo			VL 437, p. 1
7/5/36	19:04:00	19	24.40	155	16.40	kl cal 0-5	2.1	2.1		3.0	3.7	vf	1.12							1.12	nomo			VL 437, p. 1
7/6/36	19:41:00	19	24.90	155	16.10	kl cal 0-5	1.4	1.4		1.9	2.4	vf	0.82							0.82	nomo			VL 437, p. 1
7/9/36	8:48:00					kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		e Kilauea crater	VL 437, p. 1
7/12/36	6:22:00	19	24.70	155	16.30	kl cal 0-5	3.2	3.2		2.4	4.0	vf	1.18							1.18	nomo			VL 437, p. 1
7/12/36	15:46:00	19	52.6	155	26.5	mauna kea				53.1	53.9	vf	2.99							2.99	nomo			VL 437, p. 2
7/15/36	17:16:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 437, p. 2
7/15/36	21:40:00	19	24.40	155	16.20	kl cal 0-5	2.7	2.7		2.9	3.9	vf	1.17							1.17	nomo			VL 437, p. 2
7/15/36	23:39:00	19	24.70	155	14.90	kl cal 05-10?	2.6	7.0		2.5	7.4	s-felt	3.17							3.17	nomo	felt	felt-hnp, Hilo	deeper? than reported better fits felt reports; VL 437, p. 2
7/16/36	4:14:00	19	25.10	155	15.70	kl cal 0-5	1.4	1.4		1.4	2.0	vf	0.70							0.70	nomo			VL 437, p. 2
7/18/36	6:21:00	19	25.80	155	16.00	kl cal 0-5	2.7	2.7		0.6	2.8	vf	0.93							0.93	nomo			VL 437, p. 2
7/18/36	8:24:00	19	24.90	155	14.80	kl cal 0-5	4.5	4.5		2.3	5.1	s-felt	2.91							2.91	nomo	felt	felt-hnp	VL 437, p. 2
7/18/36	12:45:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		se Kilauea crater	VL 437, p. 2
7/20/36	8:50:00	19	22.00	155	15.30	kl koae	2.9	2.9		7.2	7.7	vf	1.64							1.64	nomo			VL 437, p. 2
7/23/36	18:41:00	19	31.0	155	30.2	ml ner				27.3	28.7	vf	2.55							2.55	nomo		Mauna Loa NE rift, 5 mi from Mokuaweoweo	VL 437, p. 2
7/25/36	16:41:00	19	41.5	155	47.3	hualalai				62.7	63.3	vf	3.10							3.10	nomo	IV	e slope Hualalai, 5 mi from summit; Holualoa-3, building shook	numerals-in remarks column refer to HVO postcards]
7/27/36	16:58:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		Mokuaweoweo	VL 437, p. 2
8/3/36	22:36:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 438, p. 7
8/5/36	14:20:00					east hawaii																III	honomu-very feeble, felt by several, south to west, dur 4 sec	not in VL; date and time from felt report (HVO unpub)
8/7/36	20:21:00	19	22.50	155	12.50	kl uer		2.0	8.5	8.3	8.6	vf	1.71							1.71	nomo		near Puu Huluhulu	VL 438, p. 7
8/8/36	19:13:00	19	24.35	155	17.25	kl cal 0-5		2.0	4.8	4.0	4.4	vf	1.25							1.25	nomo		0.8 mi SW of Halemaumau	VL 438, p. 7
8/8/36	21:51:00	19	24.35	155	17.25	kl cal 0-5		2.0	4.8	4.0	4.4	vf	1.25							1.25	nomo		0.8 mi SW of Halemaumau	VL 438, p. 7
8/9/36	23:59:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	one vf event not separately tabulated during week ending 8/9/1936; VL 438, p. 7 table
8/10/36	3:12:00	19	24.60	155	17.80	kl cal 0-5		2.0	5.0	4.4	4.9	vf	1.32							1.32	nomo		0.9 mi w of Halemaumau	VL 438, p. 7
8/13/36	12:25:00					kl mer sf??			28.8	28.8	30.2	vf-felt	3.33							3.33	nomo	III	probably near Kamakaia hills, 10 mi SW of HVO; Warshauer notes: An earthquake, felt as a sharp jolt in the vicinity of Hilo and Olaa [was recorded at HVO]. Many residents in Hilo and vicinity reported feeling the quake; no damage reported.	VL 438, p. 7; HTH, 8/14/1936; [VL location doesn't fit felt reports; newspaper distance of 18 mi from HVO in Hilo direction accepted]
8/16/36	7:38:00	19	42.3	155	14.3	hilo				30.6	31.9	vf-felt	2.62							2.62	nomo	felt	10 mi w of Hilo; felt-Hilo	VL 438, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/16/36	23:59:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11								1.54	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	three vf events not separately tabulated during week ending 8/16/1936; VL 438, p. 7 table
8/18/36	16:54:00	19	21.80	155	19.30	kl koae?		2.0		9.9	10.1	vf	1.82								1.82	nomo			VL 438, p. 7
8/18/36	22:39:00	19	24.50	155	15.60	kl cal 0-5	2.2	2.2		2.5	3.3	vf	1.06								1.06	nomo			VL 438, p. 7
8/19/36	10:28:00	19	25.50	155	17.40	kl cal 0-5	3.0	3.0		3.1	4.3	vf	1.24								1.24	nomo			VL 438, p. 7
8/19/36	11:05:00	19	23.30	155	17.00	kl cal 0-5	1.1	1.1		5.3	5.4	vf	1.39								1.39	nomo			VL 438, p. 7
8/20/36	6:23:00	19	24.20	155	16.10	kl cal 0-5		2.0		3.2	3.8	s	2.70								2.70	nomo			VL 438, p. 7
8/20/36	9:41:00	19	25.20	155	15.00	kl cal 0-5		2.0	2.0	1.7	2.6	vf	0.89								0.89	nomo		n rim of Kilauea Iki	VL 438, p. 7
8/20/36	18:04:00	19	23.20	155	16.30	kl cal 0-5	3.8	3.8		5.1	6.3	vf	1.50								1.50	nomo			VL 438, p. 7
8/21/36	20:36:00	19	21.50	155	15.40	kl koae	5.3	5.3		8.1	9.7	vf	1.80								1.80	nomo			VL 438, p. 7
8/23/36	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								2.06	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	11 vf events not separately tabulated during week ending 8/23/1936; VL 438, p. 7 table
8/24/36	1:56:00	19	22.80	155	14.50	kl uer	9.9	9.9	6.0	6.0	11.6	vf	1.92								1.92	nomo			VL 438, p. 7
8/24/36	2:17:00	19	26.10	155	15.50	kl cal 0-5	3.7	3.7		0.5	3.7	vf	1.13								1.13	nomo			VL 438, p. 7
8/30/36	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.74	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	5 vf events not separately tabulated during week ending 8/30/1936; VL 438, p. 7 table
9/4/36	6:06:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94								0.94	nomo		NE Kilauea crater	VL 439, p. 7
9/4/36	8:03:00	19	25.20	155	16.50	kl cal 0-5		2.0	2.0	1.9	2.8	vf	0.93								0.93	nomo		Kilauea crater, midway bet Halemaumau and HVO	change time; VL 439, p. 7
9/4/36	21:38:00	19	20.5	155	26.0	kaoiki	28.8	28.8		20.7	35.5	vf	2.70								2.70	nomo			VL 439, p. 7
9/6/36	6:25:00	19	26.00	155	16.50	kl cal 0-5		2.0	0.8	1.5	2.5	vf	0.85								0.85	nomo		NE rim Kilauea crater, .5 mi w of HVO	VL 439, p. 7
9/7/36	4:18:00	19	25.40	155	15.70	kl cal 0-5	1.3	1.3		0.9	1.6	vf	0.53								0.53	nomo			VL 439, p. 7
9/8/36	19:17:00	19	18.80	155	10.60	kl kuer sf	20.8	10.0		15.8	18.7	vf	2.25								2.25	nomo			VL 439, p. 8
9/9/36	17:46:00	19	23.40	155	16.10	kl cal 0-5	3.7	3.7		4.6	5.9	s	3.02								3.02	nomo			VL 439, p. 8
9/14/36	15:39:00	19	26.60	155	12.90	kl cal 05-10	6.4	6.4		5.0	8.1	vf	1.68								1.68	nomo			VL 439, p. 8
9/15/36	12:07:00	19	24.70	155	17.00	kl cal 0-5	1.9	1.9		3.2	3.7	vf	1.13								1.13	nomo			VL 439, p. 8
9/17/36	1:37:00	19	24.80	155	17.00	kl cal 0-5		2.0	3.0	3.1	3.7	vf	1.12								1.12	nomo		NE rim Halemaumau	VL 439, p. 8
9/20/36	2:44:00	19	24.40	155	16.20	kl cal 0-5		2.0		2.9	3.5	vf	1.09								1.09	nomo			VL 439, p. 8
9/21/36	3:56:00	19	24.60	155	16.90	kl cal 05-10	8.8	8.8		3.2	9.4	vf	1.77								1.77	nomo			VL 439, p. 8
9/23/36	13:11:00	19	28.20	155	17.40	kl cal 05-10	6.4	6.4		5.3	8.3	vf	1.69								1.69	nomo			VL 439, p. 8
9/24/36	13:25:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.11	nomo		se Kilauea crater	VL 439, p. 8
9/28/36	2:06:00	19	24.10	155	13.60	kl cal 0-5	3.5	3.5		4.9	6.0	f	2.48								2.48	nomo			VL 439, p. 8
9/28/36	3:08:00	19	27.60	155	15.10	kl cal 05-10	5.9	5.9		3.4	6.8	vf	1.55								1.55	nomo			VL 439, p. 8
9/29/36	4:12:00	19	32.0	155	28.0	ml ner				24.5	26.1	vf	2.48								2.48	nomo		near Puu Ulaula	VL 439, p. 8
10/4/36	12:02:00	19	26.30	155	15.70	kl cal 0-5		2.0	3.0	0.8	2.2	vf	0.75								0.75	nomo		1 mi NE of Kilauea crater	VL 439, p. 8
10/11/36	4:05:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.0	3.4	4.0	vf	1.18								1.18	nomo		accompany rock slide in Halemaumau	VL 440, p. 7
10/11/36	17:39:00	19	24.80	155	17.30	kl cal 05-10	5.3	5.3		3.5	6.3	vf	1.50								1.50	nomo			VL 440, p. 7
10/12/36	16:44:00	19	25.60	155	16.10	kl cal 0-5	1.6	1.6		0.9	1.8	vf	0.64								0.64	nomo			VL 440, p. 7
10/12/36	16:59:00					kl cal 0-5		2.0	3.5	3.5	4.0	vf	1.19								1.19	nomo		se Kilauea crater	VL 440, p. 7
10/14/36	2:45:00	19	24.10	155	16.30	kl cal 0-5	1.4	1.4		3.5	3.7	vf	1.13								1.13	nomo			VL 440, p. 7
10/15/36	1:15:00	19	26.10	155	16.70	kl cal 0-5	3.7	3.7		1.9	4.2	f	2.22								2.22	nomo			VL 440, p. 7
10/15/36	8:15:00	19	24.50	155	13.70	kl cal 05-10	5.6	5.6		4.3	7.0	vf	1.57								1.57	nomo			VL 440, p. 7
10/15/36	9:02:00	19	24.10	155	16.30	kl cal 0-5	1.4	1.4		3.5	3.7	vf	1.13								1.13	nomo			VL 440, p. 7
10/15/36	9:03:00	19	25.70	155	15.80	kl cal 0-5		2.0	1.0	0.4	2.0	vf	0.71								0.71	nomo		Waldron's ledge	VL 440, p. 7
10/15/36	17:48:00	19	21.80	155	17.30	kl koae	1.8	1.8		8.1	8.3	vf	1.68								1.68	nomo			VL 440, p. 7
10/16/36	0:10:00	19	21.80	155	17.30	kl koae	1.8	1.8		8.1	8.3	vf	1.68								1.68	nomo			change time; VL 440, p. 7
10/16/36	6:41:00	19	21.80	155	17.30	kl koae	1.8	1.8		8.1	8.3	vf	1.68								1.68	nomo			VL 440, p. 7
10/16/36	10:18:00	19	24.90	155	16.20	kl cal 0-5	1.6	1.6		2.0	2.6	vf	0.88								0.88	nomo			VL 440, p. 7
10/17/36	17:17:00	19	24.80	155	16.20	kl cal 0-5	2.9	2.9		2.2	3.6	vf	1.11								1.11	nomo			VL 440, p. 7
10/18/36	19:15:00	19	25.10	155	16.40	kl cal 0-5	3.2	3.2		1.9	3.7	vf	1.13								1.13	nomo			VL 440, p. 7
10/19/36	20:52:00	19	25.00	155	14.80	kl cal 0-5	2.2	2.2		2.2	3.1	vf	1.01								1.01	nomo			VL 440, p. 8
10/20/36	4:19:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		accompany rock slide in Halemaumau	VL 440, p. 8
10/21/36	5:53:00	19	25.10	155	16.40	kl cal 05-10	8.0	8.0		1.9	8.2	vf	1.68								1.68	nomo			VL 440, p. 8
10/21/36	8:18:00	19	25.60	155	17.00	kl cal 05-10	5.4	5.4		2.4	5.9	vf	1.45								1.45	nomo			VL 440, p. 8
10/22/36	5:54:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	s	2.74								2.74	nomo		accompany rock slide in Halemaumau	VL 440, p. 8
10/22/36	8:55:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		accompany rock slide in Halemaumau	VL 440, p. 8
10/29/36	19:36:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		accompany rock slide in Halemaumau	VL 440, p. 8
10/29/36	19:37:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		accompany rock slide in Halemaumau	VL 440, p. 8
10/31/36	6:11:00	19	24.30	155	16.30	kl cal 0-5		2.0	3.5	3.1	3.7	vf	1.13								1.13	nomo		immediately w of Keanakakoi	VL 440, p. 8
11/3/36	17:28:00	19	23.10	155	17.20	kl cal 0-5	3.8	3.8		5.8	6.9	vf	1.56								1.56	nomo			VL 441, p. 8
11/5/36	15:18:00	19	19.50	155	21.00	kl cal deep	25.6	25.6		15.1	29.7	vf	2.57								2.57	nomo			VL 441, p. 8
11/5/36	23:26:00	19	33.0	155	18.5	ml ner				14.1	16.8	vf	2.18								2.18	nomo		18 mi SW of Hilo	VL 441, p. 8
11/7/36	13:43:00	19	21.70	155	15.30	kl koae	2.9	2.9		7.7	8.3	vf	1.69								1.69	nomo			VL 441, p. 8
11/7/36	14:19:00	19	22.80	155	17.40	kl koae	5.3	5.3		6.4	8.3	vf	1.69								1.69	nomo			VL 441, p. 8
11/7/36	15:47:00	19	24.30	155	15.40	kl cal 05-10	7.7	7.7		2.9	8.2	f	2.70								2.70	nomo			VL 441, p. 8
11/12/36	4:25:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.5	2.3	3.1	vf	0.99								0.99	nomo		near center of Kilauea	VL 441, p. 8

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
11/16/36	1:44:00	19	27.10	155	17.00	kl cal 05-10	6.4	6.4		3.3	7.2	vf	1.59							1.59	nomo			VL 441, p. 8
11/16/36	4:42:00	19	26.30	155	16.20	kl cal 05-10	6.7	6.7		1.3	6.8	vf	1.55							1.55	nomo			VL 441, p. 8
11/16/36	8:33:00	19	26.00	155	16.20	kl cal 0-5	1.6	1.6		1.0	1.9	vf	0.66							0.66	nomo			VL 441, p. 8
11/16/36	8:36:00	19	25.10	155	15.20	kl cal 0-5	1.4	1.4		1.6	2.1	vf	0.75							0.75	nomo			VL 441, p. 8
11/16/36	10:14:00	19	24.70	155	16.90	kl cal 05-10	8.0	8.0		3.1	8.6	vf	1.71							1.71	nomo			VL 441, p. 8
11/16/36	13:08:00	19	24.80	155	14.40	kl cal 05-10?		8.0		3.0	8.5	s-m	3.53	no trace	no trace					3.53	nomo	felt	felt-HVO, Puu Koae, Hilo; Warshauer notes: A shock at 1:08 yesterday afternoon was felt 5-6 mi southwest of Halemaumau, also in the volcano district and slightly in Hilo	depth assumed consistent with felt reports; VL 441, p. 8; HTH, 11/17/1936
11/16/36	17:11:00	19	21.10	155	16.00	kl koae	7.7	7.7		8.8	11.7	vf	1.93							1.93	nomo			VL 441, p. 8
11/16/36	17:52:00	19	25.50	155	14.90	kl cal 05-10	5.6	5.6		1.5	5.8	vf	1.44							1.44	nomo			VL 441, p. 8
11/16/36	19:36:00	19	24.90	155	14.70	kl cal 05-10	5.4	5.4		2.5	5.9	vf	1.46							1.46	nomo			VL 441, p. 8
11/18/36	13:51:00	19	28.8	155	30.8	kaoiki	14.4	14.4		27.2	30.7	vf	2.60							2.60	nomo		5 mi e of Mokuaweoweo	VL 441, p. 8
11/23/36	5:48:00	19	23.20	155	16.00	kl koae		2.0	6.0	5.0	5.4	vf	1.38							1.38	nomo		2 mi se of Halemaumau, near Ahua Kamokukolau	VL 441, p. 8
11/25/36	13:02:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.5	2.3	3.1	vf	0.99							0.99	nomo		central Kilauea crater	VL 441, p. 8
11/27/36	9:39:00	19	24.40	155	16.50	kl cal 0-5		2.0	3.0	3.1	3.7	vf	1.12							1.12	nomo		se rim Kilauea crater	VL 441, p. 8
11/28/36	10:06:00	19	22.20	155	15.20	kl koae		2.0	5.0	6.8	7.1	vf	1.58							1.58	nomo		1.3 mi se of Ahua Kamokukolau	VL 441, p. 8
12/3/36	23:17:00	19	24.40	155	16.20	kl cal 0-5	2.4	2.4		2.9	3.7	vf	1.13							1.13	nomo			VL 442, p. 7
12/4/36	0:11:00	19	26.10	155	16.70	kl cal 0-5	3.2	3.2		1.9	3.7	vf	1.13							1.13	nomo			VL 442, p. 7
12/11/36	19:20:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		se Kilauea crater	VL 442, p. 7
12/16/36	3:05:00	19	23.40	155	16.60	kl cal 0-5	1.3	1.3		4.8	5.0	vf	1.34							1.34	nomo			VL 442, p. 7
12/16/36	10:20:00	19	23.60	155	16.40	kl cal 05-10	8.0	8.0		4.4	9.1	vf	1.75							1.75	nomo			change; VL 442, p. 7
12/17/36	17:52:00	19	19.0	155	33.2	mauna loa deep		35		33.3	48.3	vf	2.91							2.91	nomo	IV	Hookena-2, building creaked	numerals-in remarks column refer to HVO postcards]
12/18/36	15:22:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		se Kilauea crater	VL 442, p. 7
12/19/36	5:56:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 442, p. 7
12/27/36	0:06:00	19	22.00	155	14.50	kl cal deep		30.0		7.4	30.9	vf	2.60							2.60	nomo			VL 442, p. 7
1/6/37	9:13:00	19	26.2	155	18.7	kaoiki	6.6	6.6		5.4	8.5	vf	1.71							1.71	nomo			VL 442, p. 7
1/7/37	23:35:00	19	23.20	155	16.00	kl cal 0-5		2.0	4.5	5.0	5.4	vf	1.38							1.38	nomo		near Ahua Kamokukolau	VL 442, p. 7
1/8/37	6:53:00	19	18.40	155	16.50	kl kuer sf		10.0	16.0	13.9	17.1	s	3.75							3.75	nomo		Hilina fault s of Puu Ohale	VL 444, p. 5
1/8/37	10:56:00	19	25.00	155	15.00	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		Kilauea Iki	VL 444, p. 5
1/10/37	22:50:00	19	20.50	155	9.20	kl mer sf	11.2	11.2		15.1	18.8	s-felt	3.82	no trace	no trace					3.82	nomo	felt	felt-hnp, Hilo, Honomu; Honomu (time given as 11:05 PM)-felt by many, w to NW, dur 5 sec	VL 444, p. 5; HVO unpub
1/11/37	21:06:00	19	26.9	155	18.7	kaoiki	6.6	6.6		5.7	8.7	vf	1.72							1.72	nomo			VL 444, p. 5
1/13/37	9:40:00	19	26.5	155	18.3	kaoiki	6.6	6.6		4.8	8.2	vf	1.68							1.68	nomo			VL 444, p. 5
1/20/37	9:56:00	19	24.80	155	16.30	kl cal 0-5	1.8	1.8		2.3	2.9	vf	0.96							0.96	nomo			VL 444, p. 5
1/24/37	19:31:00	20	33.0	155	51.0	kohala os				139.1	139.4	vf-felt	3.99	no trace	obsc. trace					3.99	nomo	IV	felt-Hilo, Hakalau, Puu waawaa; Warshauer notes: sharp quake, felt all Kona district, quick and sharp at Holualoa, not felt in Hilo wrong!] or volcano; Hakalau-slight quake felt; Holualoa-4, building shaken; Hilo-felt	20 mi n of Upolu pt; VL 444, p. 5; HTH, 1/25/1937; [newspaper location on west side of Mauna Loa or Hualalai gives better fit to felt reports than VL location]; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/24/37	21:38:00	19	22.60	155	14.00	kl uer	4.5	4.5		6.7	8.1	vf	1.67							1.67	nomo	felt	Kapapala-felt short sharp quake bet 9:15 and 9:30 PM [same event?]	VL 444, p. 5; HVO unpub
1/25/37	3:39:00					hualalai			72	72.0	72.6	t-felt	2.72							2.72	nomo	III	felt-Puu waawaa; Holualoa-3, building slightly shaken	numerals-in remarks column refer to HVO postcards]
1/25/37	17:37:00	19	15.10	155	16.20	kl kuer sf	20.8	10.0		20.0	22.3	vf	2.38							2.38	nomo			VL 444, p. 5
1/28/37	18:05:00	19	24.90	155	16.00	kl cal 0-5	0.8	0.8		1.9	2.0	f	1.73							1.73	nomo			VL 444, p. 5
1/29/37	16:38:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 444, p. 5
1/30/37	4:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 444, p. 5
1/30/37	11:26:00	19	9.30	155	22.70	kl swr os deep	22.4	22.4		33.1	40.0	vf	2.78							2.78	nomo			VL 444, p. 6
1/31/37	7:33:00	19	45.5	155	55.3	hualalai	28.8	28.8		78.6	83.7	s	4.63	<4.77	<4.77					4.63	nomo	IV	felt-Hookena, Kamuela; Warshauer notes: The entire island was rocked by an earthquake at 7:34 a.m. Sunday; estimated to originate in Hualalai direction. ; Hookena-4 (7:02 am-same event?), building creaked, hanging objects moved	VL 444, p. 6; HTH, 2/1/1937; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/1/37	0:23:00					hualalai?			65	65.0	65.6	t (vf?); f (kona)	3.13							3.13	nomo	felt	felt-Kona; Warshauer notes: The Kona district reported a sharp quake shortly after midnight last night. The volcano seismograph recorded a very feeble shock at 12:23 a.m. [Kona mag 2.6-3.2]	VL 444, p. 6; HTH, 2/1/1937
2/2/37	14:05:00	19	24.90	155	16.00	kl cal 0-5	0.8	0.8		1.9	2.0	vf	0.71							0.71	nomo			VL 444, p. 6
2/2/37	20:59:00	19	23.90	155	16.00	kl cal 0-5		2.0		3.7	4.2	vf	1.21							1.21	nomo			VL 444, p. 6
2/3/37	7:13:00	19	24.70	155	16.70	kl cal 0-5	1.6	1.6		2.8	3.2	vf	1.04							1.04	nomo			VL 444, p. 6
2/3/37	18:06:00	19	24.50	155	15.90	kl cal 0-5	1.9	1.9		2.6	3.2	vf	1.02							1.02	nomo			VL 444, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
2/3/37	18:10:00	19	24.70	155	16.70	kl cal 0-5	2.4	2.4		2.8	3.7	vf	1.13							1.13	nomo			VL 444, p. 6
2/7/37	16:22:00	19	26.30	155	17.30	kl cal 0-5		2.0	5.0	3.0	3.6	vf	1.11							1.11	nomo		0.8 mi NW of Kilauea crater	VL 444, p. 6
2/8/37	10:47:00	19	24.40	155	16.10	kl cal 0-5	2.2	2.2		2.8	3.6	vf	1.10							1.10	nomo			VL 444, p. 7
2/9/37	5:45:00	19	15.80	155	13.70	kl kuer sf	6.4	6.4		19.0	20.0	vf	2.30							2.30	nomo			VL 444, p. 7
2/10/37	0:49:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 444, p. 7
2/10/37	6:50:00	19	25.50	155	17.20	kl cal 0-5	1.9	1.9		2.8	3.4	vf	1.06							1.06	nomo			VL 444, p. 7
2/10/37	12:40:00	19	15.80	155	24.70	kl cal 0-5	0.8	0.8		24.5	24.5	vf	2.44							2.44	nomo			VL 444, p. 7
2/15/37	5:09:00	19	29.3	155	24.6	mauna loa deep	28.8	28.8		17.0	33.4	vf	2.66							2.66	nomo			VL 444, p. 7
2/16/37	15:50:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.5	2.3	3.1	vf	0.99							0.99	nomo		near center of Kilauea crater	VL 444, p. 7
2/16/37	16:06:00	19	25.50	155	11.90	kl cal 0-5	2.6	2.6		6.6	7.1	vf	1.58							1.58	nomo			VL 444, p. 7
2/17/37	21:15:00					mauna kea?				60.0	60.7	vf-felt	3.07							3.07	nomo	felt	Warshauer notes: Ookala reported a quake about 9:15 PM. [apparently not registered at HVO]	not separately reported in VL 444, but included in table; time and date from newspaper report; ; HTH, 2/18/1937
2/17/37	21:43:00					kohala?				90.0	90.4	vf-felt	3.35							3.35	nomo	felt	Warshauer notes: The Kohala district reported two sharp shocks, the first at 9:43 and the second at 11:10 last night. [apparently registered at HVO but not reported in VL]	not separately reported in VL 444, but included in table; time and date from newspaper report; HTH, 2/18/1937
2/17/37	23:10:00					kohala?				90.0	90.4	vf-felt	3.35							3.35	nomo	felt	Warshauer notes: see above [apparently not registered at HVO]	not separately reported in VL 444, but included in table; time and date from newspaper report; HTH, 2/18/1937
2/18/37	2:38:00	19	28.0	155	36.0	ml mok				36.0	37.1	vf	2.73							2.73	nomo		SW Mokuaweoweo	VL 444, p. 7; HTH, 2/18/1937
2/18/37	5:20:00	19	22.60	155	14.00	kl uer	3.2	3.2	6.0	6.7	7.4	vf	1.61							1.61	nomo			VL 444, p. 7
2/23/37	6:20:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		se Kilauea crater	VL 444, p. 7
2/26/37	20:04:00	19	20.00	155	23.30	kl kuer sf	16.0	10.0		17.3	20.0	s-felt	3.86	no trace	no trace					3.86	nomo	felt	felt by many in Hilo, hnp; hnp/volcano-2 slight shocks, 1 long shock, felt by many	assume normal south flank depth; VL 444, p. 7; HVO unpub
2/28/37	7:34:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		e Kilauea crater	VL 444, p. 7
3/1/37	19:28:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 445, p. 4
3/2/37	1:26:00	19	32.5	155	26.6	ml ner	28.8	28.8		22.8	36.7	vf	2.72							2.72	nomo			VL 445, p. 4
3/3/37	8:42:00	19	26.0	155	27.5	mauna loa deep		35		20.8	40.7	vf	2.79							2.79	nomo			VL 445, p. 4
3/4/37	13:24:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 445, p. 4
3/8/37	12:17:00	19	25.10	155	16.60	kl cal 0-5	1.6	1.6		2.2	2.7	vf	0.91							0.91	nomo			VL 445, p. 4
3/9/37	6:56:00	19	26.00	155	16.50	kl cal 0-5		2.0	2.0	1.5	2.5	vf	0.85							0.85	nomo		NE rim Kilauea crater	VL 445, p. 4
3/10/37	3:04:00	19	25.70	155	16.70	kl cal 0-5	1.4	1.4		1.9	2.3	vf	0.80							0.80	nomo			VL 445, p. 4
3/10/37	18:05:00	19	24.20	155	16.10	kl cal 0-5		2.0		3.2	3.8	vf	1.14							1.14	nomo			VL 445, p. 4
3/10/37	22:09:00	19	35.0	155	23.0	ml ner	19.2	19.2		21.3	28.7	vf	2.55							2.55	nomo			VL 445, p. 4
3/11/37	19:10:00	19	15.80	155	11.00	kl kuer sf	8.0	8.0		20.4	21.9	f-felt	3.38							3.38	nomo	felt	felt-hnp, Mt. view	VL 445, p. 4
3/15/37	12:41:00	19	24.00	155	16.60	kl cal 0-5	1.6	1.6		3.8	4.1	vf	1.21							1.21	nomo			VL 445, p. 4
3/15/37	12:50:00	19	24.80	155	16.70	kl cal 0-5	0.6	0.6		2.7	2.7	f-felt	2.26							2.26	nomo	IV	strongly felt-hnp; hnp-6, buildings rattled thunder-like, objects on shelves shook and rattled	VL 445, p. 4; HVO unpub
3/16/37	11:00:00	19	24.50	155	16.90	kl cal 0-5	1.6	1.6		3.3	3.7	vf	1.13							1.13	nomo			VL 445, p. 4
3/16/37	13:13:00	19	24.50	155	17.20	kl cal 0-5	2.6	2.6		3.7	4.5	vf	1.27							1.27	nomo			VL 445, p. 4
3/17/37	3:05:00	19	25.40	155	15.80	kl cal 0-5	1.6	1.6		0.9	1.8	vf	0.64							0.64	nomo			VL 445, p. 4
3/17/37	12:29:00	19	24.50	155	16.60	kl cal 0-5	1.6	1.6		3.0	3.4	s-felt	2.63							2.63	nomo	IV	felt-hnp; hnp-6, building rattled less severely than quake on 15th; telephone report from volcano says quake more severe than one on 15th	VL 445, p. 4; HVO unpub
3/18/37	2:36:00	19	24.50	155	16.60	kl cal 0-5	1.6	1.6		3.0	3.4	vf	1.07							1.07	nomo			VL 445, p. 4
3/18/37	12:10:00	19	41.0	155	44.5	hualalai	25.6	25.6		57.9	63.3	vf-felt	3.85							3.85	nomo	V	felt strongly-Puu waawaa, Kailua; Puu waawaa ranch-4 to 6, buildings shaken strongly	depth 26.67 in HVO catalog; VL 445, p. 4; HVO unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/19/37	8:39:00	19	24.40	155	16.20	kl cal 0-5	2.3	2.3		2.9	3.7	s-felt	2.68							2.68	nomo	felt	felt-hnp	VL 445, p. 4
3/20/37	12:15:00	19	24.80	155	16.30	kl cal 0-5	2.9	2.9		2.3	3.7	f	2.14							2.14	nomo			VL 445, p. 4
3/20/37	19:13:00	19	23.60	155	16.20	kl cal 0-5	2.6	2.6		4.3	5.0	vf	1.34							1.34	nomo			VL 445, p. 4
3/20/37	19:14:00	19	25.30	155	16.70	kl cal 0-5		2.0	1.6	2.1	2.9	vf	0.96							0.96	nomo		1 mi se of HVO	VL 445, p. 4
3/21/37	6:10:00	19	24.00	155	19.30	kl swr	7.4	7.4		7.3	10.4	vf	1.84							1.84	nomo			VL 445, p. 4
3/21/37	15:37:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		Halemaumau	VL 445, p. 4
3/22/37	10:50:00	19	24.50	155	15.10	kl cal 0-5	2.2	2.2		2.7	3.5	vf	1.09							1.09	nomo			VL 445, p. 4
3/22/37	11:12:00	19	23.30	155	16.20	kl cal 0-5	3.2	3.2		4.8	5.8	vf	1.44							1.44	nomo			VL 445, p. 4
3/24/37	19:11:00	19	23.00	155	19.00	kl swr	6.9	6.9		7.9	10.5	vf	1.85							1.85	nomo			VL 445, p. 4
3/24/37	21:35:00	19	24.4	155	32.0	ml ner	11.2	11.2		28.8	30.9	vf	2.60							2.60	nomo			VL 445, p. 4
3/26/37	20:29:00	19	19.00	155	16.00	kl kuer sf	12.8	12.8		12.7	18.1	f	3.24							3.24	nomo			VL 445, p. 4
3/29/37	9:15:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 446, p. 7
3/29/37	18:52:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 446, p. 7
4/1/37	17:31:00	19	13.3	155	30.2	mauna loa deep	32	32		34.6	47.1	f-felt	3.91							3.91	nomo	IV	felt-Hookena; Hookena-4, buildings creaked, hanging objects moved	numerals-in remarks column refer to HVO postcards]
4/1/37	18:49:00	19	20.70	155	17.80	kl koae	5.9	5.9		10.3	11.8	f	2.95							2.95	nomo			VL 446, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/3/37	9:30:00	19	26.5	155	18.3	kaoiki	6.1	6.1		4.8	7.8	vf	1.64							1.64	nomo			VL 446, p. 7
4/3/37	10:55:00	19	25.70	155	16.50	kl cal 0-5		2.0	2.0	1.5	2.5	vf	0.86							0.86	nomo		n rim Kilauea crater	VL 446, p. 7
4/4/37	1:52:00	19	23.70	155	15.50	kl cal 0-5	2.4	2.4		4.0	4.7	vf	1.29							1.29	nomo			VL 446, p. 7
4/4/37	8:10:00	19	28.60	155	18.90	kl gln	2.2	2.2		7.6	7.9	vf	1.66							1.66	nomo			VL 446, p. 7
4/4/37	11:59:00	19	23.40	155	15.10	kl uer		2.0	6.5	4.7	5.1	vf	1.35							1.35	nomo		near Hiiaka	VL 446, p. 7
4/4/37	17:11:00	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	vf	1.19							1.19	nomo		near Keanakakoi	VL 446, p. 7
4/4/37	23:41:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 446, p. 7
4/5/37	6:18:00	19	24.00	155	18.00	kl swr		2.0	6.0	5.4	5.7	vf	1.43							1.43	nomo		0.7 mi NE of cone peak	VL 446, p. 7
4/5/37	9:47:00	19	22.90	155	14.40	kl uer		2.0	6.0	5.9	6.2	vf	1.49							1.49	nomo		near devil's throat	VL 446, p. 7
4/6/37	0:37:00	19	23.70	155	16.50	kl cal 05-10	6.7	6.7		4.3	7.9	vf	1.66							1.66	nomo			VL 446, p. 7
4/6/37	11:15:00	19	24.80	155	13.50	kl cal 05-10	8.2	8.2		4.3	9.2	vf	1.76							1.76	nomo			VL 446, p. 7
4/6/37	16:46:00	19	26.00	155	19.80	kl cal 05-10	6.7	6.7		7.3	9.9	vf	1.81							1.81	nomo			VL 446, p. 7
4/7/37	0:18:00	19	24.10	155	15.60	kl uer	3.8	3.8		3.3	5.0	vf	1.34							1.34	nomo			VL 446, p. 7
4/7/37	9:51:00	19	23.00	155	15.80	kl koae		2.0	6.0	5.3	5.7	vf	1.42							1.42	nomo		2.3 mi se of Halemaumau	VL 446, p. 7
4/7/37	23:02:00	19	21.90	155	19.30	kl swr	6.7	6.7		9.7	11.8	vf	1.93							1.93	nomo			VL 446, p. 7
4/9/37	0:18:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		Halemaumau	VL 446, p. 7
4/9/37	7:29:00	19	16.30	155	12.20	kl kuer sf	11.2	11.2		18.7	21.8	m	4.42	<4.65	<4.81					4.42	nomo			VL 446, p. 7
4/9/37	17:46:00	19	22.00	155	20.00	kl swr		2.0	9.5	10.5	10.6	vf	1.86							1.86	nomo		3.8 mi SW of Halemaumau	VL 446, p. 7
4/10/37	9:24:00	19	26.30	155	15.70	kl cal 0-5		2.0	1.0	0.8	2.2	vf	0.75							0.75	nomo		0.5 mi NE of Kilauea crater	VL 446, p. 7
4/10/37	13:21:00	19	22.60	155	14.00	kl uer	4.5	4.5		6.7	8.1	vf	1.67							1.67	nomo			VL 446, p. 7
4/11/37	2:52:00	19	29.4	155	29.3	kaoiki	20.8	20.8		24.9	32.4	f	3.65							3.65	nomo			VL 446, p. 7
4/12/37	19:38:00	19	24.10	155	15.60	kl uer	3.8	3.8		3.3	5.0	vf	1.34							1.34	nomo			VL 446, p. 7
4/13/37	7:03:00	19	21.50	155	16.60	kl koae	2.4	2.4		8.2	8.6	vf	1.71							1.71	nomo			VL 446, p. 7
4/13/37	8:33:00	19	26.80	155	15.30	kl cal 0-5		2.0	2.0	1.9	2.7	vf	0.92							0.92	nomo		1.5 mi NE of Kilauea crater	VL 446, p. 7
4/15/37	6:21:00					hilea			35	35.0	36.1	vf	2.71							2.71	nomo		Kaapo pali, near Pahala	VL 446, p. 7
4/15/37	6:28:00	19	24.20	155	15.10	kl cal 0-5		2.0		3.2	3.8	vf	1.15							1.15	nomo			VL 446, p. 7
4/17/37	0:14:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 446, p. 7
4/17/37	14:17:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 446, p. 7
4/18/37	2:44:00	19	24.60	155	15.90	kl cal 0-5	1.9	1.9		2.4	3.0	vf	0.99							0.99	nomo			VL 446, p. 7
4/18/37	4:10:00	19	41.7	155	52.3	hualalai				70.8	71.3	f-felt	4.20	<4.35	<4.47					4.20	nomo	IV	Hualalai; felt-volcano, Hilo, Kamuela, Puu waawaa (strong); Warshauer notes: felt sharply throughout island, more in Waimea and Kohala; v strong at Waikii; additional felt reports in HVO, unpub	VL 446, p. 7; HTH, 4/19/1937; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/18/37	20:50:00	19	24.00	155	15.00	kl cal 0-5		2.0	3.5	3.6	4.2	vf	1.21							1.21	nomo		1.5 mi e of Kilauea crater and 1 mi s of Kilauea Iki	VL 446, p. 7
4/19/37	5:59:00	19	24.50	155	15.50	kl cal 0-5	1.9	1.9		2.5	3.2	f-felt	2.03							2.03	nomo	felt	Warshauer notes: A shock of Kilauea origin was reported felt by Dr. Thomas A., volcanologist, at 6 a.m. today.	VL 446, p. 7; HTH, 4/19/1937
4/20/37	16:08:00	19	18.00	155	11.70	kl kuer sf		10.0	16.5	16.1	19.0	vf	2.26							2.26	nomo		Hilina fault n of Apua pt	VL 446, p. 7
4/21/37	23:59:00	19	32.7	155	23.5	ml ner				18.7	20.8	vf	2.33							2.33	nomo		5 mi NE Puu Ulaula	VL 446, p. 7
4/23/37	4:08:00	19	22.90	155	14.40	kl uer		2.0	6.0	5.9	6.2	vf	1.49							1.49	nomo		near devil's throat	VL 446, p. 8
4/30/37	3:08:00	19	24.90	155	16.30	kl cal 0-5	1.1	1.1		2.1	2.4	vf	0.82							0.82	nomo			VL 446, p. 8
4/30/37	3:40:00	19	24.20	155	15.90	kl cal 05-10?	1.3	8.0		3.1	8.6	s-felt	3.27							3.27	nomo	IV	strongly felt-hnp, volcano	greater depth better fits felt reports; VL 446, p. 8
4/30/37	9:29:00	19	24.20	155	15.90	kl cal 0-5	1.3	1.3		3.1	3.4	vf	1.06							1.06	nomo			VL 446, p. 8
4/30/37	12:35:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 446, p. 8
5/2/37	17:26:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 446, p. 8
5/2/37	17:27:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 446, p. 8
5/2/37	17:29:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 446, p. 8
5/6/37	10:06:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 447, p. 8
5/7/37	19:44:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		accompany rock slide in Halemaumau	VL 447, p. 8
5/8/37	0:22:00	19	26.40	155	16.70	kl cal 0-5	4.3	4.3		2.1	4.8	vf	1.30							1.30	nomo			VL 447, p. 8
5/14/37	15:13:00	19	25.30	155	15.90	kl cal 0-5	1.0	1.0		1.1	1.5	vf	0.50							0.50	nomo			VL 447, p. 8
5/14/37	15:29:00	19	24.90	155	15.80	kl cal 0-5	2.1	2.1		1.8	2.8	vf	0.92							0.92	nomo			VL 447, p. 8
5/14/37	15:56:00	19	24.90	155	15.80	kl cal 0-5	1.4	1.4		1.8	2.3	vf	0.79							0.79	nomo			VL 447, p. 8
5/14/37	17:37:00	19	25.40	155	15.60	kl cal 0-5		2.0		0.9	2.2	vf	0.76							0.76	nomo			VL 447, p. 8
5/15/37	1:18:00					kl cal 0-5?		3.0	3.0	3.0	4.2	s; vf (hilo); t (kealakekua)	2.78							2.70	nomo		location not determined	mags agree if shallow; max mag 2.63 (Hilo), 2.68 (Kona); VL 447, p. 8
5/16/37	7:42:00	19	26.50	155	15.50	kl cal 0-5		2.0	1.0	1.2	2.3	vf	0.81							0.81	nomo		0.7 mi NE of Kilauea crater	VL 447, p. 8
5/21/37	13:20:00	19	17.10	155	23.10	kl swr		2.0	19.5	20.8	20.9	vf	2.33							2.33	nomo		10 mi SW of Halemaumau	VL 447, p. 8
5/28/37	0:09:00	19	24.10	155	16.40	kl cal 0-5	1.4	1.4		3.5	3.8	vf	1.14							1.14	nomo			VL 447, p. 8

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/28/37	6:12:00	19	24.90	155	15.80	kl cal 0-5	2.1	2.1		1.8	2.8	vf	0.92							0.92	nomo			VL 447, p. 8
5/28/37	8:50:00	19	24.60	155	15.30	kl cal 0-5	1.3	1.3		2.4	2.7	vf	0.92							0.92	nomo			VL 447, p. 8
5/30/37	2:53:00	19	25.70	155	16.50	kl cal 0-5		2.0	2.0	1.5	2.5	vf	0.86							0.86	nomo		n rim Kilauea crater near	VL 447, p. 8
5/30/37	3:03:00	19	35.0	155	10.0	hilo				19.6	21.6	s-felt	3.69							3.69	nomo	felt	ml NE rift 10 mi from Hilo; felt-volcano	VL 447, p. 8
5/31/37	6:18:00	19	24.80	155	16.30	kl cal 0-5	1.9	1.9		2.3	3.0	vf	0.97							0.97	nomo			VL 448, p. 7
5/31/37	6:29:00	19	25.50	155	16.50	kl cal 0-5		2.0		1.6	2.6	vf	0.88							0.88	nomo			VL 448, p. 7
5/31/37	7:32:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		se Kilauea crater	VL 448, p. 7
6/3/37	3:07:00	19	17.20	155	18.50	kl kuer sf	16.0	10.0		16.8	19.6	f	3.30							3.30	nomo			VL 448, p. 7
6/4/37	10:40:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 448, p. 7
6/7/37	6:46:00	20	10.3	155	49.0	kohala deep	40	40		101.1	108.7	vf-felt	3.48	3.97	no trace					3.97	hono	IV	felt strongly-Kohala, Kamuela; Kamuela-one shake, dur few sec, windows rattled	detected in Honolulu; magnitude calculated near noise threshold; VL 448, p. 7; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/9/37	9:12:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 448, p. 7
6/12/37	23:29:00	19	24.90	155	16.10	kl cal 0-5	1.3	1.3		1.9	2.3	vf	0.81							0.81	nomo			VL 448, p. 7
6/13/37	21:21:00	19	25.80	155	18.30	kl cal 05-10	6.1	6.1		4.6	7.7	vf	1.63							1.63	nomo			VL 448, p. 7
6/14/37	7:01:00	19	26.20	155	15.90	kl cal 05-10	6.9	6.9		0.8	6.9	vf	1.56							1.56	nomo			VL 448, p. 7
6/16/37	4:52:00	19	24.50	155	16.70	kl cal 0-5	1.6	1.6		3.1	3.5	f-felt	2.10							2.10	nomo	felt	strongly to moderately felt-hnp	VL 448, p. 7
6/16/37	22:35:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 448, p. 7
6/17/37	11:27:00	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	vf	1.19							1.19	nomo		se Kilauea crater near Keanakakoi	VL 448, p. 7
6/21/37	14:16:00	19	23.70	155	15.10	kl uer		2.0	3.5	4.1	4.6	vf	1.28							1.28	nomo		near Puhimau	VL 448, p. 7
6/25/37	6:20:00	19	18.50	155	16.50	kl kuer sf		10.0	14.4	13.7	17.0	f	3.20							3.20	nomo		Hilina fault 9 mi s of HVO	VL 448, p. 7
6/30/37	5:43:00	19	25.00	155	18.90	kl cal 05-10	5.6	5.6		5.9	8.1	vf	1.68							1.68	nomo			VL 449, p. 6
6/30/37	8:46:00	20	4.0	155	33.0	kohala deep		40		77.0	86.7	vf-felt	3.66							3.66	nomo	felt	A deep quake with epicenter near; Warshauer notes: A sharp earthquake rocked the Kohala and districts at 8:45 a.m. today. While felt throughout the northern tip of the Big island, the quake did no damage; Hakalau-slight, no damage	VL 449, p. 7; HTH, 6/30/1937; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/2/37	9:16:00	19	24.80	155	19.40	kl cal 0-5	4.2	4.2		6.9	8.0	vf	1.67							1.67	nomo			VL 449, p. 6
7/3/37	6:49:00	19	22.00	155	17.00	kl koae	4.8	4.8		7.5	8.9	s	3.30							3.30	nomo			VL 449, p. 6
7/10/37	21:43:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.5	2.3	3.1	vf	0.99							0.99	nomo		near center of Kilauea crater	VL 449, p. 6
7/13/37	17:40:00	19	24.40	155	16.50	kl cal 0-5		2.0	3.0	3.1	3.7	vf	1.12							1.12	nomo		se rim Kilauea crater	VL 449, p. 7
7/16/37	15:20:00	19	21.90	155	16.00	kl koae		2.0	6.5	7.4	7.6	vf	1.63							1.63	nomo		1.5 mi s of Ahua Kamokukolau	VL 449, p. 7
7/16/37	18:51:00	19	27.30	155	19.20	kl cal 05-10	5.6	5.6		6.8	8.8	f-felt	3.07							3.07	nomo	III	Warshauer notes: A sharp earthquake jolt was felt throughout Hilo and the surrounding district about 7 last night. It was not reported felt in west Hawaii. [reports] a distance of 4 miles from HVO	VL 449, p. 7; HTH, 7/17/1937
7/18/37	10:55:00	19	25.30	155	17.00	kl cal 0-5	2.7	2.7		2.6	3.7	vf	1.13							1.13	nomo			VL 449, p. 7
7/18/37	10:56:00	19	25.60	155	17.10	kl cal 0-5	2.6	2.6		2.6	3.7	vf	1.12							1.12	nomo			VL 449, p. 7
7/18/37	19:29:00	19	30.5	155	33.5	ml ner				32.5	33.7	vf	2.66							2.66	nomo		near Mokuaweoweo	VL 449, p. 7
7/19/37	8:36:00	19	24.70	155	16.30	kl cal 0-5	2.7	2.7		2.4	3.6	vf	1.11							1.11	nomo			VL 449, p. 7
7/22/37	8:53:00	19	23.40	155	18.30	kl swr		2.0	7.0	6.5	6.8	vf	1.55							1.55	nomo		near cone peak	VL 449, p. 7
7/22/37	10:38:00	19	23.70	155	15.10	kl uer		2.0	3.5	4.1	4.6	vf	1.28							1.28	nomo		near Puhimau	VL 449, p. 7
7/22/37	10:41:00	19	24.50	155	15.90	kl cal 0-5	2.4	2.4		2.6	3.5	vf	1.09							1.09	nomo			VL 449, p. 7
7/22/37	10:53:00	19	23.30	155	16.30	kl cal 0-5	3.5	3.5		4.9	6.0	vf	1.46							1.46	nomo			VL 449, p. 7
7/22/37	11:14:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		near Halemaumau	VL 449, p. 7
7/22/37	11:18:00	19	22.30	155	17.90	kl koae	2.6	2.6		7.7	8.1	vf	1.67							1.67	nomo			VL 449, p. 7
7/22/37	11:40:00	19	23.50	155	15.80	kl cal 0-5	2.9	2.9		4.4	5.3	m	3.43							3.43	nomo	felt	felt-hnp	VL 449, p. 7
7/22/37	23:45:00	19	23.00	155	15.60	kl cal 0-5	4.8	4.8		5.3	7.2	vf	1.59							1.59	nomo			VL 449, p. 7
7/23/37	15:30:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.5	2.3	3.1	vf	0.99							0.99	nomo		near center of Kilauea crater	VL 449, p. 7
7/24/37	15:20:00	19	23.70	155	15.10	kl uer		2.0	3.5	4.1	4.6	vf	1.28							1.28	nomo		near Puhimau	VL 449, p. 7
7/30/37	14:40:00	19	32.0	155	28.0	ml ner				24.5	26.1	m	4.30	4.28	4.20					4.24	hono		near Puu Ulaula	VL 449, p. 7
7/30/37	15:46:00	19	27.10	155	17.00	kl gln	4.5	4.5		3.3	5.6	f	2.43							2.43	nomo			VL 449, p. 7
7/30/37	15:50:00	19	23.90	155	15.40	kl uer	4.5	4.5		3.7	5.8	f	2.45							2.45	nomo			VL 449, p. 7
7/30/37	20:05:00	19	23.10	155	14.00	kl uer	8.8	8.8		5.9	10.6	vf	1.86							1.86	nomo			VL 449, p. 7
7/30/37	20:17:00	19	27.0	155	18.9	kaoiki	5.6	5.6		6.1	8.3	vf	1.69							1.69	nomo			VL 449, p. 7
7/30/37	20:46:00	19	20.80	155	14.00	kl kuer sf	3.8	3.8		9.8	10.5	vf	1.85							1.85	nomo			VL 449, p. 7
7/30/37	21:14:00	19	22.30	155	14.00	kl uer		2.0	7.0	7.2	7.5	vf	1.62							1.62	nomo		near Pauahi	VL 449, p. 7
7/30/37	21:29:00	19	22.80	155	13.50	kl uer	4.3	4.3		6.8	8.1	f	2.68							2.68	nomo			VL 449, p. 7
7/31/37	22:11:00	19	25.70	155	17.30	kl cal 05-10	7.5	7.5		2.9	8.0	s	3.23							3.23	nomo			VL 449, p. 7
7/31/37	22:13:00	19	25.70	155	17.30	kl cal 05-10	7.5	7.5		2.9	8.0	s	3.23							3.23	nomo			VL 449, p. 7
7/31/37	22:27:00	19	26.50	155	15.30	kl cal 05-10	8.0	8.0		1.3	8.1	vf	1.67							1.67	nomo			VL 449, p. 7
8/1/37	2:56:00	19	26.50	155	15.30	kl cal 05-10	8.0	8.0		1.3	8.1	f	2.69							2.69	nomo			VL 449, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/1/37	9:43:00	19	21.90	155	16.80	kl koae	4.5	4.5		7.6	8.8	vf	1.73							1.73	nomo			VL 449, p. 7
8/2/37	3:45:00	19	25.30	155	15.60	kl cal 0-5	2.1	2.1		1.0	2.3	vf	0.81							0.81	nomo			VL 450, p. 7
8/3/37	1:39:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 450, p. 7
8/3/37	8:52:00	19	22.70	155	14.00	kl uer		2.0	6.5	6.5	6.8	f	2.57							2.57	nomo		near Hiiaka	VL 450, p. 7
8/6/37	22:41:00	19	24.80	155	14.80	kl cal 0-5	3.8	3.8		2.5	4.5	vf	1.27							1.27	nomo			VL 450, p. 7
8/7/37	7:09:00	19	24.20	155	16.20	kl cal 05-10	9.1	9.1		3.2	9.7	vf	1.79							1.79	nomo			VL 450, p. 7
8/8/37	16:40:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 450, p. 7
8/8/37	17:06:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 450, p. 7
8/9/37	17:39:00	19	24.20	155	16.40	kl cal 0-5	1.4	1.4		3.3	3.6	vf	1.11							1.11	nomo			VL 450, p. 7
8/9/37	20:57:00	19	25.00	155	18.90	kl cal 05-10	5.8	5.8		5.9	8.3	vf	1.69							1.69	nomo			VL 450, p. 7
8/10/37	5:13:00	19	24.40	155	16.20	kl cal 0-5	1.1	1.1		2.9	3.1	vf	1.00							1.00	nomo			VL 450, p. 8
8/10/37	17:00:00	19	25.20	155	15.90	kl cal 0-5	3.7	3.7		1.3	3.9	vf	1.17							1.17	nomo			VL 450, p. 8
8/11/37	4:57:00	19	23.70	155	13.10	kl uer	8.0	8.0		6.0	10.0	vf	1.82							1.82	nomo			VL 450, p. 8
8/12/37	11:56:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 450, p. 8
8/12/37	12:21:00	19	24.80	155	16.90	kl cal 0-5		2.0	3.0	2.9	3.6	vf	1.10							1.10	nomo		immediately NE of Halemaumau	VL 450, p. 8
8/16/37	4:39:00	19	16.0	155	38.0	mauna loa deep	28.8	28.8		43.3	52.0	f	3.98							3.98	nomo			VL 450, p. 8
8/18/37	17:27:00					hualalai deep		20	70	70.0	72.8	f-felt	3.94	3.65	3.87					3.76	hono	IV	Hualalai; felt-Kona; Hookena-3, short/sharp, dur 2 sec, building creaked; Kealakekua-2 shocks felt, threw n-s needle off seismograph	VL 450, p. 8; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/18/37	21:31:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 450, p. 8
8/19/37	3:22:00	19	25.80	155	16.60	kl cal 0-5	1.6	1.6		1.7	2.3	vf	0.80							0.80	nomo			VL 450, p. 8
8/21/37	22:49:00	19	24.70	155	16.90	kl cal 0-5	1.3	1.3		3.1	3.3	vf	1.05							1.05	nomo			VL 450, p. 8
8/22/37	4:21:00	19	28.20	155	17.30	kl gln	6.1	6.1		5.2	8.0	vf	1.66							1.66	nomo			VL 450, p. 8
8/22/37	8:41:00	19	24.60	155	17.10	kl cal 0-5		6.0	3.5	3.4	6.9	vf-felt	2.31							2.31	nomo	felt	caused by [cause of?] slide from E rim of Halemaumau; Warshauer notes: Yesterday morning a slight earthquake was felt in the park district followed by a large landslide at Halemaumau pit.	VL 450, p. 8; HTH, 8/23/1937
8/22/37	23:49:00	19	25.00	155	15.90	kl cal 0-5	0.8	0.8		1.6	1.8	vf	0.64							0.64	nomo			VL 450, p. 8
8/23/37	0:45:00	19	25.30	155	15.90	kl cal 0-5		2.0		1.1	2.3	vf	0.79							0.79	nomo			VL 450, p. 8
8/23/37	3:02:00	19	25.00	155	15.90	kl cal 05-10?	0.8	6.0		1.6	6.2	s-felt	3.05							3.05	nomo	IV	dismantled pit [Halemaumau] seismograph; hnp-4, suitcases on shelves badly shaken; Warshauer notes: Early today at 2:55 a.m. [time off?] a sharp temblor was felt in the [park] district, much larger than the one that occurred yesterday morning.	deeper? to fit felt reports; VL 450, p. 8; HVO unpub; HTH, 8/23/1937
8/23/37	14:20:00	19	24.10	155	16.10	kl cal 0-5	1.6	1.6		3.4	3.7	vf	1.13							1.13	nomo			VL 450, p. 8
8/23/37	19:41:00	19	25.60	155	18.00	kl cal 05-10	6.9	6.9		4.1	8.0	vf	1.67							1.67	nomo			VL 450, p. 8
8/25/37	0:04:00	19	24.40	155	16.90	kl cal 0-5	1.1	1.1		3.5	3.6	vf	1.12							1.12	nomo			VL 450, p. 8
8/27/37	0:12:00	19	24.40	155	15.80	kl cal 0-5	2.4	2.4		2.7	3.6	s-felt	2.67							2.67	nomo	III	felt-hnp; hnp-3, buildings shook quite a lot	VL 450, p. 8; HVO unpub
8/27/37	0:15:00	19	24.60	155	16.00	kl cal 0-5	1.4	1.4		2.4	2.8	vf	0.93							0.93	nomo			VL 450, p. 8
8/29/37	7:36:00	19	24.40	155	16.90	kl cal 0-5		2.0	3.5	3.5	4.0	vf	1.18							1.18	nomo		near Halemaumau seismograph	VL 450, p. 8
8/31/37	10:51:00	19	17.50	155	14.10	kl kuer sf	19.2	10.0		15.7	18.6	vf	2.25							2.25	nomo			VL 451, p. 8
9/1/37	20:34:00	19	25.80	155	17.70	kl cal 0-5	2.2	2.2		3.6	4.2	vf	1.22							1.22	nomo			VL 451, p. 8
9/1/37	20:55:00	19	25.80	155	17.70	kl cal 0-5	2.2	2.2		3.6	4.2	vf	1.22							1.22	nomo			VL 451, p. 8
9/5/37	18:44:00	19	39.0	156	0.0	hualalai				81.6	82.1	t; vf (kona)	3.28							3.28	nomo		near coast 10 mi n of Kealakekua (81.5 km from HVO)	VL 451, p. 8
9/9/37	8:08:00	19	25.50	155	16.20	kl cal 0-5	2.1	2.1		1.2	2.4	vf	0.83							0.83	nomo			VL 451, p. 8
9/12/37	4:30:00	19	26.10	155	17.10	kl cal 0-5	4.2	4.2		2.6	4.9	vf	1.33							1.33	nomo			VL 451, p. 8
9/12/37	4:32:00	19	24.10	155	15.70	kl cal 0-5	1.6	1.6		3.3	3.6	vf	1.11							1.11	nomo			VL 451, p. 8
9/13/37	3:56:00	19	25.00	155	14.00	kl cal 0-5		2.0	2.0	3.3	3.9	vf	1.16							1.16	nomo		1 mi e of Kilauea Iki	VL 451, p. 8
9/15/37	20:04:00	19	24.60	155	16.20	kl cal 0-5	1.3	1.3		2.5	2.8	f-felt	1.96							1.96	nomo	III	felt-hnp; hnp-3, building shaken	VL 451, p. 8; HVO unpub
9/19/37	6:07:00	19	27.60	155	16.60	kl gln	5.0	5.0		3.6	6.2	vf	1.48							1.48	nomo			VL 451, p. 8
9/19/37	12:00:00	19	16.0	155	45.0	ml swr				54.7	55.4	t; vf (kona)	3.01							3.01	nomo		ml SW rift near 1919 source cone	VL 451, p. 8
9/21/37	20:59:00	19	31.6	155	31.0	mauna loa deep	40	40		29.0	49.4	t; vf (hilo)	2.68							2.68	nomo		dismantled Kona! seismograph	VL 451, p. 8
9/27/37	7:01:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 451, p. 8
9/30/37	23:59:00					kona?				65.0	65.6											felt	Warshauer notes: Mrs. L.S. Aungst [reported that] several sharp shocks have been felt during the past few weeks	shallow? Kona quakes not reported in VL 452; HTH, 10/25/1937

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/1/37	9:34:00	19	25.60	155	15.00	kl cal 0-5	4.5	4.5		1.3	4.7	vf	1.29								1.29	nomo			VL 451, p. 8
10/1/37	19:05:00	19	24.90	155	15.70	kl cal 0-5	1.9	1.9		1.8	2.6	vf	0.88								0.88	nomo			VL 451, p. 8
10/7/37	1:49:00	19	48.7	155	30.4	mauna kea	24	24		49.6	55.1	vf	3.00								3.00	nomo			VL 451, p. 8
10/14/37	10:32:00	19	24.60	155	16.20	kl cal 0-5	2.9	2.9		2.5	3.8	vf	1.15								1.15	nomo			VL 452, p. 4
10/15/37	15:24:00	19	24.10	155	16.20	kl cal 0-5		2.0		3.4	3.9	vf	1.17								1.17	nomo			VL 452, p. 4
10/17/37	0:58:00	19	24.10	155	16.60	kl cal 0-5	0.8	0.8		3.7	3.7	vf	1.14								1.14	nomo			VL 452, p. 4
10/18/37	0:44:00	19	26.3	155	25.0	kaoiki deep	44.8	44.8		16.4	47.7	f-felt	3.92								3.92	nomo	V	felt-hnp, Hilo; Warshauer notes: shock of Kilauea origin felt strongly in Hilo and volcano districts, where it woke sound sleepers; no damage reported; felt very strongly at Waesche's home and at a summer home in volcano; slight [feeble in VL] at HVO	VL 451, p. 8; HTH, 10/18/1937
10/19/37	5:56:00	19	24.40	155	16.70	kl cal 0-5	1.8	1.8		3.3	3.7	vf	1.13								1.13	nomo			VL 452, p. 4
10/22/37	23:36:00	19	24.00	155	16.40	kl cal 0-5		2.0		3.7	4.2	vf	1.21								1.21	nomo			VL 452, p. 4
10/25/37	5:43:00	19	19.80	155	15.00	kl kuer sf	14.4	10.0		11.3	15.1	s-felt	3.66								3.66	nomo	V; IV (W&K)	felt by many at hnp and Hilo; Warshauer notes: a prolonged earthquake was strongly felt in Hilo and the volcano areas; awakened many in Hilo; rattled windows, otherwise no damage; not felt in Kona district	VL 452, p. 4; HTH, 10/25/1937
10/30/37	11:44:00	19	22.90	155	16.40	kl koae	6.6	6.6		5.6	8.7	vf	1.72								1.72	nomo			VL 452, p. 4
11/1/37	2:49:00	19	26.20	155	15.80	kl cal 0-5		2.0	1.0	0.7	2.1	vf	0.74								0.74	nomo		immediately NE of HVO	VL 453, p. 4
11/1/37	17:50:00	19	59.0	155	30.8	kohala	60.8	60.8		66.9	90.4	vf	3.35								3.35	nomo			VL 453, p. 4
11/3/37	13:59:00	19	24.50	155	17.00	kl cal 0-5		2.0	3.0	3.4	4.0	f	2.19								2.19	nomo		near se Halemaumau	VL 453, p. 4
11/6/37	16:18:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94								0.94	nomo		NE Kilauea crater	VL 453, p. 4
11/8/37	8:58:00	19	25.00	155	15.60	kl cal 0-5	1.8	1.8		1.6	2.4	vf	0.83								0.83	nomo			VL 453, p. 4
11/8/37	10:13:00	19	25.00	155	15.60	kl cal 0-5	3.0	3.0		1.6	3.4	vf	1.07								1.07	nomo			VL 453, p. 4
11/8/37	22:25:00	19	24.10	155	16.10	kl cal 0-5		2.0	3.0	3.4	3.9	vf	1.16								1.16	nomo		se rim Kilauea crater near Keanakakoi	VL 453, p. 4
11/11/37	0:02:00	19	25.40	155	17.10	kl cal 0-5		2.0	3.5	2.7	3.3	vf	1.06								1.06	nomo		w Kilauea crater near Uwekahuna	VL 453, p. 4
11/17/37	12:24:00	19	27.80	155	18.00	kl gln	6.2	6.2		5.5	8.3	vf	1.69								1.69	nomo			VL 453, p. 4
11/23/37	16:37:00	19	32.8	155	14.5	ml ner				13.0	15.8	vf	2.14								2.14	nomo		Mauna Loa NE rift about 15 mi from Hilo	VL 453, p. 4
11/25/37	22:10:00	19	24.90	155	17.00	kl cal 0-5	3.5	3.5		3.0	4.6	vf	1.28								1.28	nomo			VL 453, p. 4
11/25/37	22:11:00	19	25.60	155	17.00	kl cal 0-5	2.2	2.2		2.4	3.3	vf	1.04								1.04	nomo			VL 453, p. 4
11/25/37	22:23:00	19	24.40	155	16.20	kl cal 0-5	2.4	2.4		2.9	3.7	vf	1.13								1.13	nomo			VL 453, p. 4
11/25/37	22:26:00	19	24.40	155	16.20	kl cal 0-5	2.4	2.4		2.9	3.7	vf	1.13								1.13	nomo			VL 453, p. 4
11/26/37	0:44:00	19	24.20	155	16.30	kl cal 0-5		2.0		3.3	3.8	vf	1.15								1.15	nomo			VL 453, p. 4
11/26/37	23:50:00					kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94								0.94	nomo		e Kilauea crater	VL 453, p. 4
11/27/37	11:26:00	19	24.50	155	17.70	kl cal 05-10	8.0	8.0		4.4	9.1	vf-felt?	1.75								1.75	nomo	felt	Warshauer notes: The sharp quake Saturday night was preceded by a smaller one, also of Kilauea origin, earlier in the day.	VL 453, p. 4; HTH, 11/29/1937
11/27/37	18:35:00	19	24.40	155	16.70	kl cal 0-5	1.8	1.8		3.3	3.7	s-felt	2.69								2.69	nomo	IV	felt-hnp; hnp-4, building shook; Warshauer notes: A sharp earthquake, strongly felt at the CCC camp in the volcano district, occurred at 6:30 p.m. Saturday. the shock was so strong that the pit seismograph was completely smashed	VL 453, p. 4; HVO unpub; HTH, 11/29/1937
12/1/37	9:15:00	19	12.50	155	26.00	kl swr?		5.0	30.4	30.7	31.1	vf	2.61								2.61	nomo		SW rift 19 mi from HVO and 4 mi n of Palima pt	VL 454, p. 4
12/2/37	20:00:00	19	25.20	155	17.90	kl cal 0-5	5.0	5.0		4.1	6.5	vf	1.52								1.52	nomo			VL 454, p. 4
12/3/37	6:58:00	19	23.60	155	15.80	kl cal 0-5	2.2	2.2		4.2	4.7	vf	1.30								1.30	nomo			VL 454, p. 4
12/7/37	12:47:00	19	26.9	155	21.8	kaoiki	17.6	17.6		11.0	20.7	vf	2.32								2.32	nomo			VL 454, p. 4
12/12/37	17:30:00	19	41.5	155	50.7	hualalai	33.6	33.6		68.1	75.9	vf-felt	3.23								3.23	nomo	V	felt-Kohala,; Holualoa-5 to 6, buildings shaken, most severe quake we have had in over a year or more	VL 454, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/25/37	14:18:00	19	23.10	155	15.20	kl cal 0-5	4.0	4.0		5.2	6.5	vf	1.52								1.52	nomo			VL 454, p. 4
12/25/37	17:26:00	19	20.20	155	22.20	kl swr	9.6	9.6		15.6	18.3	vf	2.24								2.24	nomo			VL 454, p. 4
12/26/37	1:58:00	19	24.40	155	17.30	kl cal 0-5		2.0	4.0	4.0	4.4	vf	1.25								1.25	nomo		SW Kilauea crater near Halemaumau	VL 454, p. 4
12/26/37	6:42:00	19	24.40	155	17.30	kl cal 0-5		3.0	4.0	4.0	5.0	vf	1.33								1.33	nomo		SW Kilauea crater near Halemaumau	VL 454, p. 4
12/27/37	14:19:00	19	25.10	155	15.40	kl cal 0-5	1.0	1.0		1.5	1.8	vf	0.62								0.62	nomo			VL 454, p. 4
12/28/37	11:27:00	19	25.30	155	15.80	kl cal 0-5	2.4	2.4		1.1	2.6	vf	0.89								0.89	nomo			VL 454, p. 4
12/28/37	19:15:00	19	12.60	155	14.20	kl kuer sf	17.6	10.0		24.7	26.7	vf-felt	3.08								3.08	nomo	felt	felt-Hilo	VL 454, p. 4
12/29/37	18:18:00					kl swr		2.0	7.0	7.0	7.3	vf	1.60								1.60	nomo		SW rift	VL 454, p. 4
12/31/37	16:34:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.5	2.3	3.1	vf	0.99								0.99	nomo		near center of Kilauea crater	VL 454, p. 4
1/1/38	2:39:00	19	16.00	155	20.30	kl swr sf	27.2	10.0		20.0	22.4	vf	2.38								2.38	nomo			VL 454, p. 4
1/1/38	9:16:00	19	22.60	155	14.10	kl uer	7.7	7.7		6.6	10.2	f	2.84								2.84	nomo			VL 454, p. 4
1/1/38	22:44:00	19	5.6	155	49.5	milolii	20.8	20.8		70.3	73.3	vf	3.20								3.20	nomo			VL 454, p. 4
1/2/38	18:01:00	19	33.0	155	24.1	ml ner				19.9	21.8	vf	2.36								2.36	nomo		12 mi NE of HVO	VL 454, p. 4
1/3/38	11:36:00	19	42.8	155	48.0	hualalai	64	64		64.9	91.2	vf	3.35								3.35	nomo			lat misprint in VL-should be 19°; VL 455, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/3/38	12:33:00	19	30.7	155	25.7	mauna loa deep	75.6	60		19.8	63.2	f	3.84							3.84	nomo			VL 455, p. 6
1/3/38	18:02:00	19	26.2	155	35.8	mauna loa deep	64	64		35.4	73.1	vf	3.20							3.20	nomo			VL 455, p. 6
1/3/38	20:51:00	19	24.00	155	16.70	kl cal 0-5	1.6	1.6		3.9	4.2	vf	1.22							1.22	nomo			VL 455, p. 6
1/5/38	2:31:00	19	18.10	155	11.60	kl kuer sf	8.0	8.0		16.1	17.9	s	3.79							3.79	nomo	V	Warshauer notes: An earthquake at 2:30 a.m. awakened many persons in Hilo, and was not felt in Kona; preceded by four feeble tremors	VL 455, p. 6; HTH, 1/5/1938
1/9/38	2:49:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 455, p. 6
1/9/38	15:47:00	19	24.80	155	15.20	kl cal 05-10	6.1	6.1		2.1	6.5	m	3.57	noisy	noisy					3.57	nomo	felt	felt-hnp	VL 455, p. 6
1/9/38	16:40:00	19	27.90	155	18.00	kl cal 05-10	5.4	5.4		5.6	7.8	vf	1.64							1.64	nomo			VL 455, p. 6
1/9/38	23:59:00					kl kuer sf?		8.0		16.1	17.9	vf	2.22							2.65	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	3 vf events for week ending 1/9 not tabulated separately; VL 455, p. 6, table
1/10/38	16:55:00	19	24.50	155	13.50	kl cal 0-5	2.9	2.9		4.6	5.4	vf	1.39							1.39	nomo			VL 455, p. 6
1/10/38	18:04:00	19	26.00	155	17.20	kl cal 0-5	2.1	2.1		2.7	3.4	vf	1.08							1.08	nomo			VL 455, p. 6
1/10/38	18:11:00	19	27.0	155	18.3	kaoiki	6.7	6.7		5.1	8.4	vf	1.70							1.70	nomo			VL 455, p. 6
1/10/38	22:24:00	19	24.60	155	15.30	kl cal 0-5	1.3	1.3		2.4	2.7	vf	0.92							0.92	nomo			VL 455, p. 6
1/11/38	23:37:00	19	24.60	155	16.70	kl cal 0-5	2.9	2.9		3.0	4.1	vf	1.21							1.21	nomo			VL 455, p. 6
1/12/38	0:21:00	19	24.80	155	15.60	kl cal 0-5	2.6	2.6		2.0	3.3	vf	1.04							1.04	nomo			VL 455, p. 6
1/13/38	14:36:00	19	23.90	155	16.20	kl cal 0-5		2.0		3.8	4.3	vf	1.22							1.22	nomo			VL 455, p. 6
1/13/38	15:29:00	19	24.40	155	15.60	kl cal 0-5		2.0		2.7	3.4	vf	1.06							1.06	nomo			VL 455, p. 6
1/13/38	15:39:00	19	24.00	155	15.60	kl cal 0-5		2.0		3.4	4.0	vf	1.18							1.18	nomo			VL 455, p. 6
1/13/38	17:45:00	19	24.30	155	16.60	kl cal 0-5	1.1	1.1		3.3	3.5	vf	1.09							1.09	nomo			VL 455, p. 6
1/14/38	6:19:00	19	24.80	155	15.20	kl cal 0-5	2.4	2.4		2.1	3.2	vf	1.03							1.03	nomo			VL 455, p. 6
1/14/38	17:40:00	19	15.00	155	17.00	kl kuer sf	12.8	12.8		20.3	24.0	f-felt	3.44							3.44	nomo	felt	felt-Hilo	VL 455, p. 6
1/15/38	17:33:00	19	33.0	155	24.6	ml ner				20.5	22.4	vf	2.38							2.38	nomo		4 mi NE of Puu Ulaula	VL 455, p. 6
1/17/38	11:39:00	19	24.60	155	15.90	kl cal 0-5	1.3	1.3		2.4	2.7	f	1.93							1.93	nomo			VL 455, p. 6
1/17/38	16:27:00	19	24.90	155	15.50	kl cal 0-5	1.6	1.6		1.8	2.4	vf	0.83							0.83	nomo			VL 455, p. 6
1/22/38	4:36:00	19	32.0	155	26.6	ml ner				22.3	24.1	vf	2.43							2.43	nomo			VL 455, p. 6
1/22/38	22:03:00	21	12.0	156	6.0	maui				215.7	215.9	m-st	6.29	>6.2	>6.2			6.8	GUTE	6.75	gute	VIII; VIII (W&K; Cox); VII (S&C)	felt throughout the Hawaiian chain; Warshauer notes: a quake, duration 90 sec, felt in every section of the Big island, also on Maui, Oahu and Kauai; channel between Maui and Kohala; maximum damage (broken dishes and rearranged furniture) in both places	isoseismal map in W&K; Neumann/1940a [Hon station dismantled]; VL 455, p. 6-7 [damage report given]; Jaggar/1938 [damage reports from all islands]; HTH, 1/24-28/1938; extensive felt reports in HVO, unpub
1/22/38	22:03:00	21	12.0	156	6.0	maui				215.7	215.9	m-st	6.29	>6.2	>6.2			6.8	GUTE	do	do	VIII; VIII (W&K; Cox); VII (S&C)	description of earthquake and damage in bib (Jaggar, 1938-VL 457) and newspapers; recorded at Fordham University at 2:45 and 2:53 a.m. EST Jan. 23 [time disagrees, should be one hour later?].	seismogram from "low magnification" instrument pictured in VL 457, p. 3, assume drum moves at 60 mm/min, amp 42 mm N-S; assumed gain of 33 yields agreement with GUTE magnitude of 6.8; HTH, 1/24-28/1938
1/22/38	22:08:00					maui?				215.7	215.9											felt	Warshauer notes: aftershock felt at Manoa	aftershock; HTH, 1/24/1938
1/22/38	22:23:00					maui?				215.7	215.9											felt	Warshauer notes: aftershock felt at Manoa	aftershock; HTH, 1/24/1938
1/26/38	21:01:00	19	24.90	155	16.20	kl cal 0-5	1.8	1.8		2.0	2.7	vf	0.91							0.91	nomo			VL 455, p. 7
1/27/38	5:22:00	19	25.20	155	16.40	kl cal 0-5	3.2	3.2		1.8	3.7	vf	1.12							1.12	nomo			VL 455, p. 7
1/28/38	2:23:00	19	26.00	155	17.50	kl cal 0-5	4.0	4.0		3.2	5.1	vf	1.36							1.36	nomo			VL 455, p. 7
1/29/38	6:02:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.5	2.3	3.1	vf	0.99							0.99	nomo		near center of Kilauea crater	VL 455, p. 7
1/31/38	15:57:00	19	43.3	155	47.5	hualalai deep	46.4	46.4		64.6	79.5	vf	3.26							3.26	nomo			VL 456, p. 3
2/1/38	8:43:00					kl swr		2.0	7.0	7.0	7.3	vf	1.60							1.60	nomo		SW rift	VL 456, p. 3
2/1/38	17:44:00					kl uer?		2.0	4.0	4.0	4.5	vf	1.26							1.26	nomo		chain of craters se of Kilauea crater	VL 456, p. 3
2/3/38	0:23:00	19	24.70	155	16.40	kl cal 0-5	1.0	1.0		2.5	2.7	vf	0.91							0.91	nomo			VL 456, p. 3
2/3/38	7:09:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		n Kilauea crater	VL 456, p. 3
2/6/38	20:05:00	19	45.5	155	32.8	mauna kea deep	40	40		47.2	61.9	vf	3.08							3.08	nomo			VL 456, p. 3
2/6/38	22:14:00	19	23.50	155	15.50	kl cal 10-20	17.6	17.6		4.4	18.1	vf	2.23							2.23	nomo			VL 456, p. 3
2/7/38	23:10:00	19	25.10	155	16.60	kl cal 0-5	1.8	1.8		2.2	2.8	vf	0.94							0.94	nomo			VL 456, p. 3
2/8/38	2:07:00	19	44.2	155	53.3	hualalai deep	56	56		74.4	93.1	vf	3.37							3.37	nomo			VL 456, p. 3
2/8/38	20:20:00	19	24.50	155	15.90	kl cal 0-5	1.9	1.9		2.6	3.2	vf	1.02							1.02	nomo			VL 456, p. 3
2/9/38	13:07:00	19	24.20	155	16.20	kl cal 0-5	2.4	2.4		3.2	4.0	vf	1.18							1.18	nomo			VL 456, p. 3
2/14/38	22:15:00	19	24.10	155	15.00	kl uer	5.3	5.3		3.5	6.3	vf	1.50							1.50	nomo			VL 456, p. 3
2/15/38	10:13:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf	0.80							0.80	nomo		near NE rim Kilauea crater	VL 456, p. 3
2/16/38	15:54:00	19	24.60	155	17.30	kl cal 0-5	3.2	3.2		3.7	4.9	vf	1.32							1.32	nomo			VL 456, p. 3
2/17/38	2:18:00	19	33.0	155	27.0	ml ner	12.8	12.8		23.9	27.1	m	4.33	4.27	no trace					4.27	hono	IV-V	felt strongly in Kona and hnp, slightly by many in Hilo; Kealakekua-v slight single shake, dur 3-5 sec	numerals-in remarks column refer to HVO postcards]
2/17/38	2:38:00	19	32.0	155	26.6	ml ner	11.2	11.2		22.3	25.0	vf	2.45							2.45	nomo			VL 456, p. 3
2/17/38	4:05:00	19	24.90	155	17.10	kl cal 0-5	2.1	2.1		3.1	3.7	vf	1.13							1.13	nomo			VL 456, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
2/17/38	8:41:00	19	26.50	155	17.10	kl cal 0-5	3.2	3.2		2.8	4.2	vf	1.22							1.22	nomo			VL 456, p. 3
2/18/38	11:22:00	19	24.20	155	15.70	kl uer		2.0		3.1	3.7	vf	1.12							1.12	nomo			VL 456, p. 3
2/18/38	13:18:00	19	25.10	155	16.40	kl cal 0-5	3.2	3.2		1.9	3.7	vf	1.13							1.13	nomo			VL 456, p. 3
2/18/38	22:53:00	19	24.90	155	15.90	kl cal 0-5	0.8	0.8		1.8	2.0	m	2.75							2.75	nomo	felt	felt-hnp	VL 456, p. 3
2/19/38	3:15:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 456, p. 3
2/20/38	1:37:00	19	24.40	155	16.10	kl cal 05-10	5.6	5.6		2.8	6.3	f	2.51							2.51	nomo			VL 456, p. 3
2/21/38	3:45:00	19	24.10	155	16.00	kl cal 0-5	3.2	3.2		3.3	4.6	f	2.30							2.30	nomo			VL 456, p. 3
2/23/38	13:23:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 456, p. 4
2/24/38	14:19:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99							0.99	nomo		near center of Kilauea crater	VL 456, p. 4
2/25/38	6:00:00					hualalai			70	70.0	70.6	vf-felt	3.18							3.18	nomo	felt	Hualalai; felt-Kona	VL 456, p. 4
2/26/38	9:16:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 456, p. 4
2/26/38	16:35:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 456, p. 4
2/28/38	17:44:00	19	24.60	155	16.20	kl cal 0-5	3.4	3.4		2.5	4.2	vf	1.22							1.22	nomo			VL 456, p. 4
2/28/38	21:40:00	19	24.80	155	17.10	kl cal 0-5	4.5	4.5		3.2	5.5	m	3.46							3.46	nomo	felt	felt-hnp; Warshauer notes: see note for March 2	VL 457, p. 6; HTH, 3/2/1938
3/1/38	7:58:00	19	25.00	155	16.70	kl cal 0-5	3.8	3.8		2.4	4.5	vf	1.26							1.26	nomo			VL 457, p. 6
3/1/38	13:20:00	19	24.90	155	16.50	kl cal 0-5	1.6	1.6		2.3	2.8	vf	0.94							0.94	nomo			VL 457, p. 6
3/1/38	13:48:00	19	24.80	155	15.70	kl cal 0-5	2.6	2.6		2.0	3.3	vf	1.04							1.04	nomo			VL 457, p. 6
3/1/38	14:40:00	19	25.40	155	15.80	kl cal 0-5	1.6	1.6		0.9	1.8	vf	0.64							0.64	nomo			VL 457, p. 6
3/1/38	18:24:00	19	24.40	155	15.40	kl cal 0-5	2.1	2.1		2.7	3.5	vf	1.08							1.08	nomo			VL 457, p. 6
3/1/38	19:29:00	19	24.60	155	16.50	kl cal 0-5	3.4	3.4	2.5	2.8	4.4	f	2.26							2.26	nomo		0.6 mi e of Halemaumau	VL 457, p. 6
3/1/38	21:52:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 457, p. 6
3/1/38	22:50:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 457, p. 6
3/2/38	3:16:00	19	21.90	155	15.10	kl uer	4.3	4.3		7.4	8.6	s	3.27							3.27	nomo	felt	Warshauer notes: An earthquake of Kilauea origin was felt in the volcano district at 3:15 a.m. today, . . . not as strong as the one Monday night . . . [see entry for 2/28/38]	VL 457, p. 6; HTH, 3/2/1938
3/2/38	4:22:00	19	24.40	155	15.40	kl cal 0-5	2.1	2.1		2.7	3.5	vf	1.08							1.08	nomo			VL 457, p. 6
3/3/38	3:47:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99							0.99	nomo		near center of Kilauea crater	VL 457, p. 6
3/3/38	5:13:00	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	f	2.20							2.20	nomo		se rim Kilauea crater near Keanakakoi	VL 457, p. 6
3/3/38	6:00:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 457, p. 6
3/4/38	5:53:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 457, p. 6
3/7/38	0:04:00	19	43.0	155	27.0	ml nf deep		45		37.5	58.6	vf	3.05							3.05	nomo			VL 456, p. 3
3/7/38	5:56:00	19	42.0	155	32.0	mauna loa deep	44.8	44.8		41.5	61.0	m	4.89	4.91	4.28					4.60	hono	V	felt-Hilo, Kona, hnp; Warshauer notes: rocked entire island; double shock in Hilo and volcano, both prolonged; mod strong, dur 30 sec, waking many; strong at Honokaa, slight at Kohala and Puu waawaa; prolonged at Kona; HVO seismometers dismantled	VL 457, p. 6; HTH, 3/7/1938; additional felt reports in HVO, unpub
3/8/38	4:05:00					kl cal 0-5?		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 457, p. 6
3/8/38	4:06:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 457, p. 6
3/10/38	4:15:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 457, p. 6
3/10/38	6:42:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.0	3.4	4.0	f	2.19							2.19	nomo		Halemaumau	VL 457, p. 6
3/15/38	1:30:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 457, p. 6
3/15/38	11:12:00	19	24.70	155	16.30	kl cal 0-5	2.4	2.4		2.4	3.4	vf	1.07							1.07	nomo			VL 457, p. 6
3/20/38	11:00:00	19	27.0	155	37.0	mauna loa deep	32	32		37.6	49.3	vf	2.93							2.93	nomo			VL 457, p. 6
3/21/38	10:02:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.0	3.4	4.0	vf	1.18							1.18	nomo		near Halemaumau	VL 457, p. 6
3/25/38	18:14:00					ml swr			47	47.0	47.9	vf	2.91							2.91	nomo		Mauna Loa SW rift	VL 457, p. 6
3/26/38	21:12:00					hualalai			70	70.0	70.6	vf-felt	3.18							3.18	nomo	IV	Hualalai; windows rattled at Hookena; Hookena-not felt but building vibrated for about 2 sec	numerals-in remarks column refer to HVO postcards]
3/31/38	9:05:00					ml ner			28	28.0	29.4	vf	2.57							2.57	nomo		Mauna Loa NE rift	VL 457, p. 6
4/3/38	14:56:00	19	26.1	155	18.7	kaoiki	6.4	6.4		5.4	8.3	vf	1.69							1.69	nomo			VL 457, p. 6
4/7/38	20:28:00	19	24.90	155	17.00	kl cal 0-5	3.5	3.5		3.0	4.6	vf	1.28							1.28	nomo			VL 458, p. 4
4/9/38	3:00:00	19	26.70	155	15.60	kl cal 0-5		2.0	1.0	1.6	2.5	vf	0.86							0.86	nomo		1 mi NE of NE rim Kilauea crater	VL 458, p. 4
4/10/38	19:04:00	19	24.60	155	15.40	kl cal 0-5		2.0		2.4	3.1	vf	1.01							1.01	nomo			VL 458, p. 4
4/10/38	19:05:00	19	24.90	155	15.30	kl cal 0-5		2.0		1.9	2.8	vf	0.92							0.92	nomo			VL 458, p. 4
4/12/38	8:48:00					ml ner?			32	32.0	33.2	f	3.67							3.67	nomo		no record at Hilo or Kona	VL 458, p. 4
4/15/38	14:36:00					kaoiki?			29	29.0	30.4	vf-felt	2.59							2.59	nomo	felt	felt-Kapapala	VL 458, p. 4

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/16/38	0:57:00	19	18.5	155	29.5	mauna loa deep	35.2	35.2		27.9	44.9	vf-felt	2.86							2.86	nomo	II	Hookena-2, very distinct vibration, dur 5 sec	numerals-in remarks column refer to HVO postcards]
4/19/38	2:12:00	19	25.40	155	16.80	kl cal 0-5	3.0	3.0		2.2	3.7	vf	1.13							1.13	nomo			VL 458, p. 4
4/19/38	2:56:00	19	24.00	155	15.50	kl uer	4.2	4.2		3.5	5.4	vf	1.40							1.40	nomo			VL 458, p. 4
4/19/38	8:48:00	19	25.60	155	17.00	kl cal 0-5		2.0	3.5	2.4	3.1	vf	1.01							1.01	nomo		NW rim Kilauea crater	VL 458, p. 4
4/19/38	20:46:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 458, p. 4
4/22/38	1:04:00	19	24.10	155	16.20	kl cal 0-5		2.0		3.4	3.9	vf	1.17							1.17	nomo			VL 458, p. 4
4/23/38	5:51:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 458, p. 4
4/23/38	20:21:00	19	24.00	155	17.00	kl cal 0-5		2.0	4.5	4.2	4.6	vf-felt	1.62							1.62	nomo	felt	junction SW rift and Kilauea crater; felt-hnp	VL 458, p. 4
4/23/38	20:22:00	19	24.00	155	17.00	kl cal 0-5		2.0	4.5	4.2	4.6	vf	1.28							1.28	nomo	felt	junction SW rift and Kilauea crater; felt-hnp	VL 458, p. 4
4/24/38	4:54:00	19	11.70	155	26.00	kl cal 0-5		5.0	32.0	31.9	32.3	vf	2.63							2.63	nomo		SW rift 20 mi SW of HVO	VL 458, p. 4
4/27/38	15:42:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 458, p. 4
5/5/38	11:38:00	19	27.0	155	21.5	mauna loa deep	28.8	28.8		10.5	30.6	vf-felt	3.34							3.34	nomo	felt	felt-Kapapala	VL 459, p. 4
5/5/38	15:17:00	19	24.50	155	15.60	kl cal 0-5	2.4	2.4		2.5	3.5	f	2.10							2.10	nomo			VL 459, p. 4
5/6/38	8:15:00	19	23.90	155	14.40	kl cal 0-5	2.1	2.1		4.3	4.7	vf	1.30							1.30	nomo			VL 459, p. 4
5/6/38	8:18:00	19	24.70	155	16.30	kl cal 0-5	2.7	2.7		2.4	3.6	vf	1.11							1.11	nomo			VL 459, p. 4
5/9/38	2:30:00	19	23.60	155	14.90	kl uer	1.4	1.4		4.4	4.6	vf	1.28							1.28	nomo			VL 459, p. 4
5/10/38	22:05:00	19	25.20	155	16.10	kl cal 0-5	2.9	2.9		1.4	3.2	vf-felt	1.78							1.78	nomo	III	felt-hnp; hnp-3 (time 10:04 PM-5L wrong?), buildings swayed	VL 459, p. 4; HVO unpub
5/14/38	3:47:00	19	16.00	155	24.60	kl swr?		5.0	23.0	24.1	24.6	vf	2.44							2.44	nomo	III	13 mi SW of Kilauea crater; Kapapala ranch-3 (3 am-same event?)	VL 459, p. 4; HVO unpub
5/15/38	9:16:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 459, p. 4
5/15/38	12:44:00	19	24.30	155	16.10	kl cal 0-5	1.0	1.0		3.0	3.2	vf	1.02							1.02	nomo			VL 459, p. 4
5/16/38	3:35:00	19	18.70	155	10.50	kl kuer sf?	17.6	10.0	16.5	16.1	18.9	f-felt	3.60	<4.55	<4.37					3.60	nomo	IV	4 mi s of Makaopuhi crater; strongly felt-Pahala, Kapapala; Hilo-3, building shook, dur 3 sec, objects on shelves barely rattled; Kapapala ranch-4, also felt by many in Hilo and Pahala	looked for, not found on Hon film record; VL 459, p. 4; HVO unpub
5/16/38	4:36:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 459, p. 4
5/17/38	2:13:00	19	27.5	155	33.5	mauna loa deep	43.2	43.2		31.5	53.5	vf-felt	3.73							3.73	nomo	III	felt-Kapapala, Pahala; Kapapala ranch-3 (time 1:05 separate event?), felt also by many in Pahala	numerals-in remarks column refer to HVO postcards]
5/20/38	20:18:00	19	23.30	155	15.20	kl uer		2.0	5.0	4.8	5.2	vf	1.37							1.37	nomo		near Kokoolau	VL 459, p. 4
5/23/38	11:33:00	19	25.10	155	16.40	kl cal 05-10	5.1	5.1		1.9	5.4	vf	1.40							1.40	nomo			VL 459, p. 4
5/23/38	11:46:00	19	24.30	155	15.90	kl cal 0-5		2.0		2.9	3.5	vf	1.10							1.10	nomo			VL 459, p. 4
5/23/38	11:50:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 459, p. 4
5/23/38	13:25:00	19	25.20	155	16.10	kl cal 0-5	2.9	2.9		1.4	3.2	vf	1.04							1.04	nomo			VL 459, p. 4
5/24/38	3:15:00	19	22.90	155	14.40	kl uer		2.0	7.0	5.9	6.2	vf	1.49							1.49	nomo		near devil's throat	VL 459, p. 4
5/28/38	6:07:00					kl uer		2.0	6.3	6.3	6.6	f	2.55							2.55	nomo		2.4-5 mi from HVO	earthquake swarm arbitrarily divided-every 8th earthquake assigned to Koae, remainder to uer; VL 459, p. 4
5/28/38	6:19:00					kl uer		2.0	6.3	6.3	6.6	f	2.55							2.55	nomo		2.4-5 mi from HVO	VL 459, p. 4
5/28/38	6:22:00					kl uer		2.0	6.9	6.9	7.2	s-felt	3.15							3.15	nomo	felt	2.4-5 mi from HVO; felt-hnp	VL 459, p. 4
5/28/38	6:32:00	19	23.30	155	14.60	kl uer		6.0		5.1	7.9	m	3.71	3.90	3.90					3.90	hono	V	4 mi from HVO; hnp-strongly felt, houses creaked, doors/windows rattled, hanging objects swayed, few articles on shelves overturned, not felt away from hnp, seismographs dismantled; Warshauer notes: awoke residents in the volcano district	VL 459, p. 4; HTH, 5/30/1938; not found in PCA
5/28/38	6:32:00					kl uer		2.0			2.0	f	1.72							1.72	nomo		2.4-5 mi from HVO	VL 459, p. 4
5/28/38	6:33:00					kl uer		2.0	6.3	6.3	6.6	s-felt	3.09							3.09	nomo	felt	felt-hnp	VL 459, p. 4
5/28/38	6:34:00					kl uer		2.0	8.0	8.0	8.2	s-felt	3.25							3.25	nomo	felt	5 mi from HVO; felt-hnp	VL 459, p. 4
5/28/38	6:35:00					kl cal deep?		30.0		5.1	30.4	s?	4.15	4.30	4.07					4.18	hono	felt	should be feeble if kcaldeep, slight if south flank, moderate if uer; obscured by tremor? felt?	not in VL 459; kuer sf or kcaldeep? to be consistent with being recorded on Oahu
5/28/38	6:47:00					kl koae		2.0	6.3	6.3	6.6	s-felt	3.09							3.09	nomo	felt	felt-hnp	VL 459, p. 4
5/28/38	6:52:00					kl koae		2.0	6.3	6.3	6.6	f	2.55							2.55	nomo		2.4-5 mi from HVO	VL 459, p. 4
5/28/38	6:52:00	19	22.90	155	14.40	kl uer		6.0	6.4	5.9	7.1	m	3.64	3.60	3.60					3.60	hono	felt	near devil's throat; felt-hnp; Warshauer notes: felt at the volcano and recorded on Hilo and Kona seismographs; dismantle HVO seismographs	VL 459, p. 4; HTH, 5/30/1938
5/28/38	6:57:00	19	22.50	155	13.70	kl uer		6.0	8.0	7.1	8.2	m	3.73	3.60	3.60					3.60	hono	felt	near Pauahi; felt-hnp; Warshauer notes: felt at the volcano and recorded on Hilo and Kona seismographs; dismantled HVO seismographs	VL 459, p. 4; HTH, 5/30/1938
5/28/38	7:26:00					kl uer		2.0	3.8	3.8	4.3	s-felt	2.79							2.79	nomo	felt	2.4 mi fro HVO; felt-hnp	VL 459, p. 4
5/28/38	8:05:00					kl uer		2.0	6.3	6.3	6.6	f	2.55							2.55	nomo		2.4-5 mi from HVO	VL 459, p. 4
5/28/38	8:13:00					kl uer		4.0	6.1	6.1	7.3	s-felt	3.16							3.16	nomo	felt	3.8 mi from HVO; felt-hnp	VL 459, p. 4
5/28/38	8:21:00					kl uer		4.0	8.0	8.0	8.9	s-felt	3.30							3.30	nomo	felt	5 mi from HVO; felt-hnp	VL 459, p. 4

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/28/38	9:32:00					kl uer		4.0	7.4	7.4	8.4	s-felt	3.26							3.26	nomo	felt	4.6 mi from HVO; felt-hnp	VL 459, p. 4
5/28/38	9:38:00					kl uer		4.0	5.6	5.6	6.9	s-felt	3.12							3.12	nomo	felt	3.5 mi from HVO; felt-hnp	VL 459, p. 4
5/28/38	10:21:00					kl uer		4.0	4.3	4.3	5.9	s-felt	3.01							3.01	nomo	felt	2.7 mi from HVO; felt-hnp	VL 459, p. 4
5/28/38	11:07:00					kl uer		4.0	6.1	6.1	7.3	s-felt	3.16							3.16	nomo	felt	3.8 mi from HVO; felt-hnp	VL 459, p. 4
5/28/38	11:42:00					kl uer		2.0	6.3	6.3	6.6	f	2.55							2.55	nomo		2.4-5 mi from HVO	VL 459, p. 5
5/28/38	11:46:00					kl koae		4.0	5.1	5.1	6.5	s-felt	3.08							3.08	nomo	felt	3.2 mi from HVO; felt-hnp	VL 459, p. 5
5/28/38	12:46:00					kl uer		2.0	6.3	6.3	6.6	f	2.55							2.55	nomo		2.4-5 mi from HVO	VL 459, p. 5
5/28/38	19:32:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		Mokuaweoweo	VL 459, p. 5
5/28/38	23:59:00					kl uer		3.0	5.6	5.6	6.4	vf	1.50							3.26	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; average distance = 10 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; time assumed at most active period of swarm; 85 events (vf) on 5/28/1938 not separately listed in VL 459
5/29/38	9:48:00					kl koae		2.0	6.4	6.4	6.7	s	3.10							3.10	nomo		4 mi from HVO	VL 459, p. 5
5/29/38	12:55:00					ml ner?			29	29.0	30.4	vf	2.59							2.59	nomo			VL 459, p. 5
5/29/38	18:32:00					kl uer		2.0	6.3	6.3	6.6	s	3.09							3.09	nomo	felt	felt-hilo	VL 459, p. 5; HVO, unpub
5/29/38	22:01:00					kl uer		2.0	6.3	6.3	6.6	f	2.87							2.87	nomo	felt	2.4-5 mi from HVO; felt?-hilo	VL 459, p. 5; HVO, unpub
5/29/38	23:59:00					kl uer		3.0		5.6	6.4	vf	1.50							2.60	calc	felt	some felt in Hilo beginning this eve and continuing for two nights; assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 16 events (vf) not separately listed in VL 459; HVO unpub
5/30/38	1:43:00	19	24.40	155	16.50	kl cal 0-5	2.1	2.1		3.1	3.7	s	2.95							2.95	nomo	felt	felt?-hilo	VL 460, p. 3; HVO, unpub
5/30/38	11:52:00	19	21.60	155	14.50	kl uer		2.0		8.2	8.4	vf	1.70							1.70	nomo			VL 460, p. 3
5/30/38	20:54:00	19	15.60	155	24.90	kl swr		5.0	24.0	25.0	25.5	vf	3.21							3.21	nomo	felt	SW rift 15 mi from HVO; felt?-hilo	VL 460, p. 3; HVO, unpub
5/31/38	1:13:00	19	22.70	155	14.00	kl koae		2.0	6.5	6.5	6.8	vf	1.55							1.55	nomo		near Hiiaka	VL 460, p. 3
5/31/38	1:19:00	19	22.00	155	14.00	kl uer		2.0		7.7	8.0	vf	1.66							1.66	nomo			VL 460, p. 3
5/31/38	4:53:00	19	24.50	155	15.80	kl cal 0-5	2.1	2.1		2.5	3.3	vf	1.05							1.05	nomo			VL 460, p. 3
5/31/38	5:58:00	19	21.40	155	14.80	kl koae		2.0		8.4	8.6	f	2.73							2.73	nomo		Warshauer notes: Tremors continue, but none felt. The quakes were accompanied by nine hours of continuous harmonic tremor. Eight very feeble quakes recorded between 9 p.m. last night and 8 a.m. today, a very feeble [feeble] quake at 5:57 a.m.	VL 460, p. 3; HTH, 5/31/1938
5/31/38	14:16:00	19	18.80	155	16.30	kl kuer sf		10.0		13.1	16.5	vf	2.17							2.17	nomo		Warshauer notes: A feeble quake at 2:15 p.m. yesterday was the last one to be felt in the series which began Saturday morning	VL 460, p. 3; HTH, 6/1/1938
6/1/38	10:27:00	19	24.80	155	15.20	kl cal 0-5	4.8	4.8		2.1	5.2	f	2.39							2.39	nomo			VL 460, p. 3
6/1/38	10:38:00	19	18.20	155	11.50	kl kuer sf	11.2	10.0		16.0	18.8	m	4.31	no record	no record					4.31	nomo		Warshauer notes: A moderate shock about 10:45 a.m. Wednesday dismantled the instruments	Hon film record missing; VL 460, p. 3; HTH, 6/6/1938; not found in PCA
6/1/38	20:03:00	19	22.50	155	13.70	kl uer		2.0	7.0	7.1	7.4	vf	1.61							1.61	nomo		near Pauahi	VL 460, p. 3
6/2/38	3:25:00	19	24.20	155	16.40	kl cal 0-5	1.6	1.6		3.3	3.7	vf	1.13							1.13	nomo			VL 460, p. 3
6/2/38	4:42:00	19	34.5	155	24.5	ml ner	19.2	19.2		22.3	29.4	vf	2.57							2.57	nomo			VL 460, p. 3
6/2/38	8:24:00	19	26.10	155	16.70	kl cal 05-10	6.9	6.9		1.9	7.2	vf	1.59							1.59	nomo			VL 460, p. 3
6/2/38	15:33:00	19	21.70	155	19.50	kl cal deep	24.0	24.0		10.2	26.1	s	4.05	<4.50	<4.42					4.05	nomo			VL 460, p. 3; not found in PCA
6/2/38	20:55:00	19	24.60	155	15.70	kl cal 0-5		2.0		2.3	3.1	vf	1.00							1.00	nomo			VL 460, p. 3
6/2/38	22:10:00	19	25.20	155	16.20	kl cal 0-5				1.5	9.1	vf	1.76							1.76	nomo			VL 460, p. 3
6/4/38	2:48:00	19	24.30	155	15.90	kl cal 0-5	2.9	2.9		2.9	4.1	vf	1.20							1.20	nomo			VL 460, p. 3
6/4/38	19:57:00	19	24.80	155	17.10	kl cal 0-5		2.0	3.0	3.2	3.8	vf	1.14							1.14	nomo		n rim Halemaumau	VL 460, p. 3
6/4/38	21:46:00	19	25.20	155	14.80	kl cal 0-5	1.3	1.3		1.9	2.3	vf	0.81							0.81	nomo			VL 460, p. 3
6/5/38	1:18:00	19	24.90	155	16.50	kl cal 0-5		2.0		2.3	3.1	vf	0.99							0.99	nomo		near center of Kilauea crater	VL 460, p. 3
6/5/38	1:47:00	19	24.70	155	16.70	kl cal 05-10?	1.6	8.0		2.8	8.5	f/s-felt	3.04							3.04	nomo	felt	felt by many in hnp; Warshauer notes: A slight quake was reported at 1:47 a.m. Sunday [HVO gives feeble at this time], which was felt throughout the district	deeper? and slight? to better fit felt report; VL 460, p. 3; HTH, 6/6/1938
6/6/38	1:14:00	19	22.80	155	14.20	kl uer		2.0	5.0	6.2	6.5	f/s?-felt	2.86							2.86	nomo	felt	1 mi w of Hiiaka; felt by many in hnp; Warshauer notes: A slight quake was recorded at 1:15 a.m. today [HVO gives feeble at this time] with three very feeble shocks also recorded after midnight [not in VL 460]	slight? to better fit felt report; VL 460, p. 3; HTH, 6/6/1938
6/6/38	7:46:00	19	22.80	155	14.20	kl uer		2.0	6.0	6.2	6.5	vf	1.52							1.52	nomo		near Hiiaka and devil's throat	VL 460, p. 3
6/6/38	11:53:00	19	22.50	155	14.60	kl koae		2.0	6.5	6.5	6.8	vf	1.55							1.55	nomo		1 mi w of Pauahi	VL 460, p. 3
6/6/38	23:59:00					kl uer		2.0	5.0	6.2	6.5	vf	1.52							1.95	calc		Warshauer notes: A slight quake was recorded at 1:15 a.m. today with three very feeble shocks also recorded after midnight; preferred magnitude calculated as nomogram magnitude multiplied by number of events	3 vf events not reported in VL 460; HTH, 6/6/1938

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
6/7/38	23:59:00	19	24.90	155	15.60	kl cal 0-5	2.7	2.7		1.8	3.2	vf	1.03							1.03	nomo			VL 460, p. 3
6/8/38	0:07:00	19	24.80	155	15.90	kl cal 0-5	2.9	2.9		2.0	3.5	vf	1.09							1.09	nomo			VL 460, p. 3
6/8/38	5:39:00	19	25.70	155	15.80	kl cal 0-5		2.0		0.4	2.0	f	1.73							1.73	nomo			VL 460, p. 3
6/8/38	20:32:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 460, p. 3
6/9/38	7:17:00	19	24.30	155	15.80	kl cal 0-5		2.0		2.9	3.5	vf	1.09							1.09	nomo			VL 460, p. 3
6/10/38	0:27:00	19	24.80	155	16.20	kl cal 0-5	1.8	1.8		2.2	2.8	vf	0.94							0.94	nomo			VL 460, p. 3
6/10/38	0:51:00	19	25.00	155	15.80	kl cal 0-5	2.2	2.2		1.6	2.7	f-felt	1.93							1.93	nomo	felt	felt-hnp	VL 460, p. 4
6/12/38	15:39:00	19	25.00	155	16.70	kl cal 0-5		2.0		2.4	3.1	vf	1.01							1.01	nomo			VL 460, p. 4
6/14/38	0:13:00	19	25.40	155	15.90	kl cal 0-5	2.4	2.4		1.0	2.6	vf	0.88							0.88	nomo			VL 460, p. 4
6/17/38	5:18:00	19	24.80	155	15.80	kl cal 0-5	0.8	0.8		2.0	2.1	vf	0.75							0.75	nomo			VL 460, p. 4
6/17/38	19:34:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 460, p. 4
6/18/38	6:26:00	19	25.50	155	15.40	kl cal 0-5	1.8	1.8		0.8	2.0	f	1.71							1.71	nomo			VL 460, p. 4
6/19/38	12:55:00	19	25.00	155	16.80	kl cal 0-5	2.1	2.1		2.6	3.3	vf	1.05							1.05	nomo			VL 460, p. 4
6/19/38	18:59:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 460, p. 4
6/20/38	10:01:00	19	25.90	155	16.60	kl cal 0-5	1.6	1.6		1.7	2.3	vf	0.80							0.80	nomo			VL 460, p. 4
6/20/38	17:22:00	19	22.40	155	13.70	kl uer	3.5	3.5		7.3	8.1	vf	1.67							1.67	nomo			VL 460, p. 4
6/23/38	5:46:00	19	24.80	155	16.00	kl cal 0-5	1.9	1.9		2.1	2.8	f-felt	1.95							1.95	nomo	II	felt-hnp; hnp-2 (date given as 6/22, time crossed out from 7:45)-felt by very few	VL 460, p. 4; HVO unpub
6/26/38	1:45:00	19	24.80	155	16.00	kl cal 0-5	2.9	2.9		2.1	3.6	f	2.11							2.11	nomo			VL 460, p. 4
6/27/38	13:58:00	19	24.80	155	15.90	kl cal 0-5	1.3	1.3		2.0	2.4	vf	0.82							0.82	nomo			VL 460, p. 4
6/27/38	15:23:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 460, p. 4
6/28/38	12:30:00	19	24.60	155	16.90	kl cal 0-5		2.0	3.0	3.2	3.8	vf	1.14							1.14	nomo		e rim Halemaumau	VL 460, p. 4
6/30/38	23:42:00	19	32.2	155	33.8	mauna loa deep	30.4	30.4		34.0	45.6	vf	2.87							2.87	nomo			VL 460, p. 4
7/2/38	13:29:00	19	35.5	155	20.2	mauna loa deep	33.6	33.6		19.6	38.9	vf-felt	3.51							3.51	nomo	IV	felt strongly-Kapapala; Kapapala ranch-one of three quakes felt-others at 1:45 and 2:15 PM	numerals-in remarks column refer to HVO postcards]
7/2/38	13:45:00					mauna loa deep?					38.9	vf-felt	2.76							2.76	nomo	felt	Kapapala ranch-one of three quakes felt-others at 1:30 and 2:15 PM	not separately reported in VL 460, but included in table; time and date from newspaper report; HVO unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/2/38	14:15:00					mauna loa deep?					38.9	vf-felt	2.76							2.76	nomo	felt	Kapapala ranch-one of three quakes felt-others at 1:45 and 1:30 PM	not separately reported in VL 460, but included in table; time and date from newspaper report; HVO unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/2/38	14:20:00	19	23.00	155	11.50	kl mer	12.8	10.0		9.0	13.5	s-felt	3.59							3.59	nomo	felt	felt-Kapapala (?), hnp	VL 460, p. 4; not found in HTH
7/2/38	15:16:00	19	22.00	155	22.20	kl swr deep?	16.0	10.0		13.5	16.8	f	3.20							3.20	nomo			VL 460, p. 4
7/4/38	14:13:00	19	22.50	155	13.70	kl uer		2.0	7.0	7.1	7.4	vf	1.61							1.61	nomo		near Pauahi	VL 461, p. 6
7/7/38	13:56:00	19	24.70	155	16.00	kl cal 0-5	0.6	0.6		2.2	2.3	vf	0.80							0.80	nomo			VL 461, p. 6
7/12/38	9:58:00	19	24.20	155	16.30	kl cal 0-5		2.0		3.3	3.8	vf	1.15							1.15	nomo			VL 461, p. 6
7/13/38	10:45:00	19	24.60	155	15.70	kl cal 0-5	1.4	1.4		2.3	2.7	f	1.93							1.93	nomo	felt	hnp (time 11:45 am)-felt by several	VL 461, p. 6; HVO unpub
7/15/38	4:12:00	19	24.60	155	15.70	kl cal 0-5	1.4	1.4		2.3	2.7	f	1.93							1.93	nomo			VL 461, p. 6
7/15/38	4:58:00	19	25.10	155	15.40	kl cal 0-5	1.0	1.0		1.5	1.8	vf	0.62							0.62	nomo			VL 461, p. 6
7/15/38	5:34:00	19	24.00	155	15.20	kl uer		2.0	3.5	3.5	4.1	vf	1.19							1.19	nomo		near Lua Manu	VL 461, p. 6
7/15/38	5:56:00	19	25.70	155	16.70	kl cal 0-5	2.6	2.6		1.9	3.2	f	2.04							2.04	nomo			VL 461, p. 6
7/15/38	23:04:00	19	24.00	155	15.20	kl uer		2.0	3.5	3.5	4.1	vf	1.19							1.19	nomo		near Lua Manu	VL 461, p. 6
7/16/38	6:52:00	19	24.90	155	15.70	kl cal 0-5	2.2	2.2		1.8	2.8	vf	0.94							0.94	nomo			VL 461, p. 6
7/17/38	20:49:00	19	25.20	155	16.20	kl cal 0-5		2.0		1.5	2.5	vf	0.86							0.86	nomo			VL 461, p. 6
7/17/38	22:51:00	19	25.20	155	16.20	kl cal 0-5	1.1	1.1		1.5	1.9	vf	0.66							0.66	nomo			VL 461, p. 6
7/18/38	4:37:00	19	25.40	155	15.50	kl cal 0-5	1.6	1.6		0.9	1.8	vf	0.64							0.64	nomo			VL 461, p. 7
7/19/38	0:36:00	19	24.40	155	16.30	kl cal 0-5	0.5	0.5		2.9	3.0	vf	0.98							0.98	nomo			VL 461, p. 7
7/19/38	3:58:00	19	24.10	155	16.60	kl cal 0-5		2.0		3.7	4.2	vf	1.21							1.21	nomo			VL 461, p. 7
7/21/38	14:36:00	19	24.20	155	15.50	kl cal 0-5	1.0	1.0		3.1	3.2	vf	1.04							1.04	nomo			VL 461, p. 7
7/22/38	4:29:00	19	25.10	155	16.40	kl cal 0-5	2.7	2.7		1.9	3.3	vf	1.05							1.05	nomo			VL 461, p. 7
7/22/38	4:42:00	19	24.00	155	15.30	kl uer	1.1	1.1		3.5	3.7	vf	1.12							1.12	nomo			VL 461, p. 7
7/22/38	5:02:00	19	25.20	155	15.60	kl cal 0-5	1.3	1.3		1.2	1.8	vf	0.62							0.62	nomo			VL 461, p. 7
7/22/38	17:49:00	19	24.60	155	15.70	kl cal 0-5		2.0		2.3	3.1	vf-felt	1.74							1.74	nomo	felt	felt-hnp	VL 461, p. 7
7/22/38	19:32:00	19	24.80	155	17.20	kl cal 0-5	1.6	1.6		3.3	3.7	vf	1.13							1.13	nomo			VL 461, p. 7
7/23/38	9:38:00	19	25.00	155	15.00	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		Kilauea Iki	VL 461, p. 7
7/23/38	16:06:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 461, p. 7
7/23/38	22:09:00	19	25.20	155	16.50	kl cal 0-5		2.0	2.0	1.9	2.8	vf	0.93							0.93	nomo		n central Kilauea crater	VL 461, p. 7
7/24/38	0:54:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 461, p. 7
7/24/38	5:20:00	19	24.00	155	15.30	kl uer		2.0	3.5	3.5	4.0	vf	1.19							1.19	nomo		near Puhimau	VL 461, p. 7
7/24/38	19:51:00	19	24.50	155	16.10	kl cal 0-5	1.0	1.0		2.6	2.8	vf	0.94							0.94	nomo			VL 461, p. 7
7/25/38	7:16:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 461, p. 7
7/25/38	9:31:00	19	25.70	155	17.10	kl cal 0-5	2.4	2.4		2.5	3.5	vf	1.09							1.09	nomo			VL 461, p. 7
7/28/38	7:50:00	19	32.0	155	28.0	ml ner				24.5	26.1	vf	2.48							2.48	nomo		near Puu Ulaula	VL 461, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
7/30/38	11:36:00	19	25.20	155	16.10	kl cal 0-5	2.2	2.2		1.4	2.6	vf	0.89							0.89	nomo			VL 461, p. 7
7/30/38	21:43:00	19	23.60	155	15.80	kl uer	2.7	2.7		4.2	5.0	vf	1.33							1.33	nomo			VL 461, p. 7
7/30/38	21:50:00	19	24.90	155	16.30	kl cal 0-5	1.1	1.1		2.1	2.4	vf	0.82							0.82	nomo			VL 461, p. 7
7/31/38	2:54:00	19	24.80	155	15.90	kl cal 0-5	2.4	2.4		2.0	3.1	vf	1.01							1.01	nomo			VL 461, p. 7
7/31/38	8:27:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 461, p. 7
7/31/38	8:45:00	19	25.10	155	16.40	kl cal 0-5	3.2	3.2		1.9	3.7	vf	1.13							1.13	nomo			VL 461, p. 7
7/31/38	11:04:00					kona??					65.0	vf-felt	3.12							3.12	nomo	III	Kealakekua-3, one slight shake, dur 1 sec, building shook slightly	not separately reported in VL 461, but included in table; time and date from newspaper report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/2/38	8:51:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99							0.99	nomo		near center Kilauea crater	VL 462, p. 2
8/2/38	9:17:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 462, p. 2
8/3/38	9:53:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99							0.99	nomo		near center Kilauea crater	VL 462, p. 2
8/4/38	21:50:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99							0.99	nomo		near center Kilauea crater	VL 462, p. 2
8/5/38	20:59:00	19	25.50	155	15.50	kl cal 0-5	1.4	1.4		0.7	1.6	vf	0.53							0.53	nomo			VL 462, p. 2
8/6/38	2:59:00	19	45.5	155	27.0	mauna kea	19.2	19.2		41.5	45.7	vf	2.87							2.87	nomo			VL 462, p. 2
8/8/38	5:12:00	19	22.30	155	14.40	kl uer	2.1	2.1	7.5	7.0	7.3	m	3.65	no trace	no trace					3.65	nomo	felt	4.7 mi from HVO; 0.4 mi SW of Hiiaka; felt-hnp; Warshauer notes: newspaper reports say nothing about quakes being felt outside of volcano and chain-of-craters area	VL 462, p. 3; HTH, 8/8-10/1938
8/8/38	7:43:00					kl cal deep?		30.0	7.5	7.5	30.9	s?	4.16	4.55	<3.95					4.55	hono		Warshauer notes: there were 100 quakes between 2 a.m. and 7:25 a.m. Monday	not in VL 462; HTH, 8/8; 9/1938
8/8/38	9:44:00	19	22.90	155	14.40	kl uer		2.0	5.6	5.9	6.2	m	3.55	no trace	no trace					3.55	nomo	felt	3.5 mi from HVO; near devil's throat; felt-hnp	VL 462, p. 3
8/8/38	9:45:00	19	19.00	155	15.00	kl kuer sf	24.0	10.0		12.8	16.2	s	3.72	no trace	no trace					3.72	nomo	felt	felt-Kapapala; Kapapala (time 10:10 am)-3	VL 462, p. 3; HVO unpub
8/8/38	11:41:00	19	23.40	155	15.70	kl uer		2.0	5.1	4.6	5.0	m	3.39	no trace	no trace					3.39	nomo	felt	3.2 mi from HVO; 0.6 mi w of Kokoolau; felt-hnp	VL 462, p. 3
8/8/38	13:30:00					kl uer																	several rock slides in devil's throat until 1:45	not tabulated separately in VL 462; date and time from felt report (HVO unpub)
8/8/38	14:02:00					kl uer																felt	jolting quake felt just east of Hiiaka crater	not tabulated separately in VL 462; date and time from felt report (HVO unpub)
8/8/38	14:12:00					kl uer																	small slide, w end of Pauahi crater	not tabulated separately in VL 462; date and time from felt report (HVO unpub)
8/8/38	14:23:00					kl uer																	noisy slide west end of Pauahi crater, heard from shelter	not tabulated separately in VL 462; date and time from felt report (HVO unpub)
8/8/38	15:07:00					kl uer																felt	double shock felt on chain of craters road at new barrier	not tabulated separately in VL 462; date and time from felt report (HVO unpub)
8/8/38	15:22:00					kl uer																felt	shock acc by dull thudding noises felt at new barrier on chain of craters road	not tabulated separately in VL 462; date and time from felt report (HVO unpub)
8/8/38	17:53:00	19	19.00	155	15.00	kl kuer sf		10.0		12.8	16.2	vf	2.15							2.15	nomo		Warshauer notes: Between 8 p.m. Monday [Aug. 8] and 8 a.m. today 63 quakes were registered	VL 462, p. 3; HTH, 8/9/1938
8/8/38	23:59:00					kl uer		3.0	5.6	5.6	6.4	s	3.06							4.42	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 31 events (slight) not separately tabulated in VL 462 or recorded in Honolulu
8/8/38	23:59:00					kl uer		3.0	5.6	5.6	6.4	f	2.52							4.02	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 45 events (feeble) not separately tabulated in VL 462 or recorded in Honolulu
8/8/38	23:59:00					kl uer		3.0	5.6	5.6	6.4	vf	1.50							3.52	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 166 events (very feeble) not separately tabulated in VL 462 or recorded in Honolulu
8/9/38	12:02:00					kl uer																felt	hnp-felt; devil's throat-small jolt (12:10-same event?); Warshauer notes: Between 8 a.m. and 8 p.m. Tuesday, 15 quakes were registered, of which some were felt in the volcano area; there were two slight quakes last night after 8 p.m.	not in VL 462; date and time from felt report (HVO unpub); HTH, 8/10/1938
8/9/38	23:59:00					kl uer		3.0	5.6	5.6	6.4	s	3.06							3.61	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 4 events (slight) not separately tabulated in VL 462 or recorded in Honolulu

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/9/38	23:59:00					kl uer		3.0	5.6	5.6	6.4	f	2.52							3.34	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 8 events (feeble) not separately tabulated in VL 462 or recorded in Honolulu
8/9/38	23:59:00					kl uer		3.0	5.6	5.6	6.4	vf	1.50							2.45	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 11 events (very feeble) not separately tabulated in VL 462 or recorded in Honolulu
8/10/38	1:24:00	19	16.00	155	19.50	kl swr sf	12.8	10.0	21.0	19.5	21.9	vf	2.36							2.36	nomo			VL 462, p. 3
8/10/38	23:59:00					kl uer		3.0	5.6	5.6	6.4	s	3.06							3.06	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (slight) not separately tabulated in VL 462 or recorded in Honolulu
8/10/38	23:59:00					kl uer		3.0	5.6	5.6	6.4	f	2.52							2.52	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (feeble) not separately tabulated in VL 462 or recorded in Honolulu
8/10/38	23:59:00					kl uer		6.0	10.0	10.0	11.7	vf	1.92							2.05	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 4 events (very feeble) not separately tabulated in VL 462 or recorded in Honolulu
8/11/38	23:59:00					kl uer		3.0	5.6	5.6	6.4	vf	1.50							1.78	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (very feeble) not separately tabulated in VL 462 or recorded in Honolulu
8/13/38	23:59:00					kl uer		3.0	5.6	5.6	6.4	f	2.52							2.79	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (feeble) not separately tabulated in VL 462 or recorded in Honolulu
8/13/38	23:59:00					kl uer		6.0	10.0	10.0	11.7	vf	1.92							1.92	calc		assume uer/Koae; av depth = 3 km; average distance = 5.6 km; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (very feeble) not separately tabulated in VL 462 or recorded in Honolulu
8/15/38	6:46:00	19	14.50	155	24.00	kl swr sf deep?	12.8	12.8		25.7	28.7	vf	2.55							2.55	nomo			VL 462, p. 3
8/15/38	20:14:00	19	24.70	155	26.10	kl cal 0-5	3.2	3.2		18.5	18.7	vf	2.25							2.25	nomo			VL 462, p. 3
8/16/38	19:43:00	19	25.0	155	34.0	mauna loa deep	40	40		32.3	51.4	f-felt	3.97	<4.32	<4.02					3.97	nomo	IV	felt strongly-Kapapala, Pahala	VL 462, p. 3; not found in HTH
8/20/38	15:12:00	19	21.20	155	15.00	kl koae	3.2	3.2	8.0	8.7	9.3	vf	1.77							1.77	nomo		2 mi WSW of Pauahi, Kulanaokuaiki pali	VL 462, p. 3
8/20/38	17:06:00	19	32.5	155	26.0	ml ner	22.4	22.4		21.9	31.4	vf	2.61							2.61	nomo			VL 462, p. 3
8/22/38	1:19:00	19	18.5	155	43.5	ml swr	24	24		50.8	56.2	vf	3.02							3.02	nomo			VL 462, p. 3
8/29/38	14:30:00	19	30.5	155	32.2	ml ner	16	16		30.3	34.3	vf	2.67							2.67	nomo			VL 462, p. 4
9/2/38	2:53:00	19	20.00	155	23.00	kl swr?	20.8	10.0		16.9	19.6	f-felt	3.30							3.30	nomo	III	felt-Pahala, Kapapala; Kapapala ranch-4, also felt in Pahala	VL 462, p. 4; HVO unpub
9/2/38	3:50:00					kl swr?																felt	Kapapala ranch-a second slight quake	not in VL; HVO unpub
9/2/38	4:09:00	19	31.5	155	29.0	mauna loa deep	27.2	27.2		25.7	37.4	vf-felt	3.31							3.31	nomo	felt	felt-Kapapala	VL 462, p. 4
9/3/38	7:13:00	19	20.50	155	17.00	kl koae		2.0	9.0	10.2	10.4	vf	1.85							1.85	nomo		4.6 mi s of Halemaumau, Kulanaokuaiki pali	VL 462, p. 4
9/9/38	6:58:00	19	12.00	155	27.00	kl swr?		5.0	32.0	32.5	32.9	vf	2.65							2.65	nomo		SW rift near Pahala	VL 462, p. 4
9/14/38	17:38:00	19	22.70	155	12.60	kl uer	2.6	2.6		8.0	8.4	vf	1.69							1.69	nomo			VL 462, p. 4
9/16/38	14:42:00	19	21.20	155	15.20	kl koae	2.9	2.9		8.7	9.1	vf	1.76							1.76	nomo			VL 462, p. 4
9/21/38	18:17:00	19	16.20	155	24.00	kl swr		5.0	21.0	23.1	23.7	vf	2.42							2.42	nomo		SW rift 11 mi SW of Halemaumau	VL 462, p. 4
9/24/38	13:49:00	19	21.4	155	25.2	kaoiki	17.6	17.6		18.7	25.7	vf	2.47							2.47	nomo			VL 462, p. 4
9/27/38	22:10:00					kona??					65.0	vf-felt	3.12							3.12	nomo	IV	Kealakekua-2, one slight shake, rattled windows	not separately reported in VL 462, but included in table; time and date from newspaper report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/1/38	21:04:00	19	25.10	155	16.40	kl cal 0-5	4.5	4.5		1.9	4.9	vf	1.32							1.32	nomo			VL 462, p. 4
10/10/38	11:52:00	19	25.70	155	17.40	kl cal 05-10	7.5	7.5		3.1	8.1	vf	1.67							1.67	nomo			VL 462, p. 5
10/13/38	5:09:00	19	47.0	155	52.7	hualalai deep	52.8	52.8		76.0	92.5	vf	3.36							3.36	nomo			VL 462, p. 5
10/19/38	7:25:00	19	23.40	155	13.60	kl cal deep	24.0	24.0		5.8	24.7	vf	2.45							2.45	nomo			VL 462, p. 5
10/25/38	12:18:00	19	27.80	155	9.50	kl gln deep	25.6	25.6		11.4	28.0	s-felt	4.10	<4.2	<4.2					4.10	nomo	III	felt-Hilo, hnp; Warshauer notes: An earthquake, classified as slight at Kilauea observatory, was sharply felt in Hilo yesterday about 12:20 p.m.	VL 462, p. 5; HTH, 10/26/1938
10/26/38	9:38:00	19	22.10	155	12.60	kl uer	4.2	4.2		8.8	9.8	vf	1.80							1.80	nomo			VL 462, p. 5

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/27/38	18:11:00	19	42.0	155	50.2	hualalai	24	9		67.7	68.3	s (kona?)	4.00	<3.95	<4.07					4.00	nomo	V	felt-Kona,; Hookena-5, sharp perpendicular shock followed by gentle side motion for 5-6 sec, buildings creak, hanging objects move, water tanks slopped over; Kealakekua-telephone central reports strong shock	better fit if distance referenced to Kona, not Whitney; shallower?; VL 462, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/29/38	7:07:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 462, p. 5
10/30/38	2:46:00	19	21.30	155	16.60	kl koae		2.0	9.0	8.6	8.8	vf	1.73							1.73	nomo		s of Kilauea crater near Ohale	VL 462, p. 5
10/31/38	13:05:00	19	39.2	155	47.7	hualalai	32	32		61.5	69.3	vf-felt	3.16							3.16	nomo	IV	felt-Puu waawaa; Holualoa-6, buildings well shaken	numerals-in remarks column refer to HVO postcards]
11/2/38	0:14:00					kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		e Kilauea crater	VL 462, p. 5
11/3/38	12:53:00	19	20.00	155	7.30	kl kuer sf		10.0	17.5	18.3	20.8	vf	2.33							2.33	nomo		4 mi se of Makaopuhi crater	VL 462, p. 5
11/4/38	7:40:00	19	25.60	155	16.60	kl cal 0-5	4.5	4.5		1.7	4.8	vf	1.31							1.31	nomo			VL 462, p. 5
11/5/38	10:37:00	19	23.00	155	13.30	kl uer	2.7	2.7		6.7	7.3	vf	1.59							1.59	nomo			VL 462, p. 5
11/5/38	22:27:00	19	23.20	155	15.20	kl koae	3.2	3.2		5.0	5.9	vf	1.46							1.46	nomo			VL 462, p. 5
11/7/38	6:15:00	19	42.8	155	56.0	hualalai	40	40		77.5	87.2	f-felt (kona?)	3.89	<3.63	no trace					3.89	nomo	IV	felt-Kona; Kealakekua-5, one slight continuous shake, dur 6-10 sec, rattled windows a bit; Hookena 2, building creaked, dur 2 sec	better fit if distance referenced to Kona, not Whitney; shallower?; VL 462, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/9/38	0:01:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf	0.80							0.80	nomo		NE rim Kilauea crater	VL 462, p. 5
11/12/38	21:37:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf	0.80							0.80	nomo		NE rim Kilauea crater	VL 462, p. 5
11/14/38	0:17:00	19	24.90	155	17.10	kl cal 0-5		2.0	3.5	3.1	3.7	vf	1.12							1.12	nomo		Halemaumau	VL 462, p. 5
11/18/38	2:29:00	19	47.8	155	38.0	mauna kea deep	44.8	44.8		56.5	72.1	vf	3.19							3.19	nomo			VL 462, p. 5
11/18/38	3:48:00	19	21.70	155	13.40	kl koae	6.1	6.1		8.7	10.6	vf	1.86							1.86	nomo			VL 462, p. 6
11/20/38	17:31:00	19	19.00	155	12.00	kl kuer sf	20.8	10.0		14.2	17.4	f-felt	3.22							3.22	nomo	felt	felt-hnp	VL 462, p. 6
11/20/38	18:08:00	19	16.80	155	19.70	kl swr sf		10.0	19.5	18.2	20.8	vf	2.33							2.33	nomo		Hilina pali 3 mi se of Kamakaia hills	VL 462, p. 6
11/21/38	23:13:00	19	23.40	155	15.20	kl uer		2.0	5.0	4.6	5.0	vf	1.34							1.34	nomo		near Kokoolau	VL 462, p. 6
11/22/38	10:48:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		Mauna Loa NE rift	VL 462, p. 6
11/27/38	21:21:00	19	24.90	155	17.10	kl cal 0-5		2.0	3.5	3.1	3.7	vf	1.12							1.12	nomo		Halemaumau	VL 462, p. 6
11/28/38	14:03:00	19	23.70	155	15.90	kl uer	2.9	2.9		4.0	5.0	vf	1.33							1.33	nomo			change; VL 462, p. 6
11/29/38	5:43:00	19	24.70	155	17.60	kl cal 05-10	6.4	6.4		4.0	7.6	f	2.64							2.64	nomo			VL 462, p. 6
11/29/38	9:59:00	19	23.40	155	15.20	kl uer		2.0	5.0	4.6	5.0	vf	1.34							1.34	nomo		near Kokoolau	VL 462, p. 6
11/29/38	10:18:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 462, p. 6
11/29/38	10:19:00					kilauea		3.0		8.0	8.5	f-felt	2.72							2.72	nomo	felt	Kilauea in VL; felt-hnp	VL 462, p. 6
11/30/38	4:17:00	19	23.10	155	18.90	kl swr		2.0	6.5	7.7	7.9	vf	1.66							1.66	nomo		SW rift 2 mi SW Halemaumau	VL 462, p. 6
11/30/38	14:05:00	19	23.40	155	15.20	kl uer		2.0		4.6	5.0	vf	1.34							1.34	nomo			VL 462, p. 6
11/30/38	15:08:00	19	23.50	155	14.10	kl uer	5.1	5.1		5.2	7.3	f-felt	2.61							2.61	nomo	felt	felt-hnp	VL 462, p. 6
11/30/38	16:13:00	19	24.20	155	15.20	kl cal 0-5	1.9	1.9		3.2	3.7	vf	1.13							1.13	nomo			VL 462, p. 7
11/30/38	20:57:00	19	22.30	155	14.80	kl koae	6.4	6.4		6.8	9.3	f-felt	2.78							2.78	nomo	felt	felt-hnp	VL 462, p. 7
12/1/38	16:32:00	19	22.30	155	14.80	kl koae	6.4	6.4		6.8	9.3	vf	1.77							1.77	nomo			VL 462, p. 7
12/2/38	18:53:00	19	30.7	155	31.0	ml ner	12.8	12.8		28.4	31.2	vf	2.61							2.61	nomo			VL 462, p. 7
12/2/38	21:27:00	19	31.5	155	31.0	ml ner	12.8	12.8		28.9	31.6	vf	2.62							2.62	nomo			VL 462, p. 7
12/4/38	4:32:00	19	32.3	155	26.0	ml ner			21.5	21.7	23.5	vf	2.41							2.41	nomo		NE rift near Puu Kulua	VL 462, p. 7
12/4/38	7:34:00	19	22.70	155	13.30	kl uer	3.5	3.5		7.2	8.0	vf	1.66							1.66	nomo			VL 462, p. 7
12/8/38	23:09:00	19	30.0	155	33.6	ml ner	5	5		32.4	32.8	vf	2.64							2.64	nomo			VL 462, p. 7
12/10/38	19:59:00	19	36.5	155	26.8	ml wf	19.2	19.2		27.8	33.8	vf	2.66							2.66	nomo			VL 462, p. 7
12/13/38	7:26:00	19	28.3	155	31.0	ml ner				27.3	28.8	vf	2.55							2.55	nomo			VL 462, p. 7
12/13/38	10:11:00	19	16.50	155	18.00	kl kuer sf	12.8	12.8		17.8	21.9	vf	3.11							3.11	nomo	III	Hilo-2, a sudden wrenching about 2 sec long, chandelier swung slightly in an e-w direction	VL 462, p. 7; HVO unpub
12/14/38	0:13:00	19	19.10	155	13.00	kl kuer sf		10.0	16.5	13.4	16.7	vf	2.17							2.17	nomo		Hilina fault 4.5 mi se of Makaopuhi crater	VL 462, p. 7
12/16/38	13:18:00	19	22.90	155	14.50	kl uer		2.0		5.9	6.2	vf	1.48							1.48	nomo			VL 462, p. 7
12/16/38	13:27:00	19	26.5	155	32.0	mauna loa deep	56	56		28.7	62.9	vf	3.10							3.10	nomo			VL 462, p. 7
12/17/38	13:31:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		Halemaumau	VL 462, p. 7
12/19/38	17:24:00	19	15.00	155	23.50	kl swr sf		10.0	21.0	24.4	26.4	vf	2.49							2.49	nomo		SW rift junction with Hilina system	VL 462, p. 7
12/20/38	12:51:00	19	24.60	155	16.90	kl cal 0-5		2.0	3.0	3.2	3.8	vf	1.14							1.14	nomo		e rim Halemaumau	VL 462, p. 7
12/23/38	7:18:00					ml ner			21.5	21.5	23.3	t; f (ml)	1.93							2.30	nomo		NE rift	ml mag 2.3-2.9 assuming epicenter close to ml seismometer; VL 462, p. 7
12/26/38	18:23:00	19	25.00	155	12.30	kl gln		2.0	5.5	6.1	6.4	vf	1.51							1.51	nomo		3.2 mi e of Kilauea Iki	VL 462, p. 7
12/27/38	6:33:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		Halemaumau	VL 462, p. 7
12/28/38	3:12:00	19	24.70	155	15.20	kl cal 0-5	1.9	1.9		2.3	3.0	vf	0.98							0.98	nomo			VL 462, p. 7
1/2/39	8:45:00	19	11.00	155	12.70	kl kuer sf	12.8	10.0		28.0	29.8	vf	2.58							2.58	nomo			VL 463, p. 2
1/4/39	8:40:00	19	21.20	155	15.40	kl koae	4.0	4.0		8.6	9.5	vf	1.78							1.78	nomo			VL 463, p. 2
1/7/39	5:05:00	19	31.5	155	33.0	ml ner	11.2	11.2		32.2	34.1	vf	2.67							2.67	nomo			VL 463, p. 2
1/10/39	21:41:00	19	21.30	155	13.90	kl uer	4.2	4.2		9.0	9.9	vf	1.81							1.81	nomo			VL 463, p. 2
1/13/39	0:01:00	19	34.0	155	26.3	mauna loa deep	28.8	28.8		24.0	37.5	vf	2.74							2.74	nomo			VL 463, p. 2
1/14/39	10:46:00	19	22.70	155	16.70	kl koae	1.9	1.9		6.1	6.4	vf	1.51							1.51	nomo			VL 463, p. 2

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/15/39	15:30:00	19	24.50	155	16.30	kl cal 10-20?	3.0	15.0		2.8	15.3	f-felt	3.13							3.13	nomo	felt	shallow origin, felt by many in hnp and a few in Hilo; Warshauer notes: A tremor shook Hilo and the volcano area at 3:30 p.m. Sunday.	depth changed to better fit felt report; VL 463, p. 2; HA, 1/20/1939
1/16/39	1:10:00	19	33.0	155	27.0	ml ner	20.8	20.8		23.9	31.7	vf	2.62							2.62	nomo			VL 463, p. 2
1/17/39	16:35:00	19	31.7	155	25.8	ml ner	9.6	9.6		20.8	23.0	vf	2.40							2.40	nomo			VL 463, p. 2
1/17/39	20:19:00	19	20.60	155	24.50	kl cal deep?	20.8	20.8		18.3	27.7	vf	2.53							2.53	nomo			VL 463, p. 2
1/19/39	14:58:00	19	41.6	155	52.0	hualalai	25.6	25.6		20.8	33.0	s-felt	4.21	4.35	4.16					4.25	hono	IV	felt strongly-Kona, Kohala; lightly-Hilo, Kau; Warshauer notes: An earthquake rocked the Kona area at 2:58 p.m. today for about 15 seconds. No damage reported; felt strongly Kona, short and sharp Kohala and Honokaa, slight in Kau, not feltVolcano or Hilo.	mags agree if amplitude referenced to distance from Kona seismometer; VL 463, p. 2; HA, 1/20/1939; HTH, 1/20/1939; see bib for complete felt report
1/25/39	11:42:00					kl uer		2.0	6.0	6.0	6.3	vf	1.50							1.50	nomo		chain of craters se of Kilauea crater	VL 463, p. 2
2/2/39	0:00:00	19	30.0	155	32.0	ml mok				29.7	31.1	vf	2.61							2.61	nomo			VL 463, p. 3
2/5/39	13:57:00	19	14.4	155	33.9	hilea				38.5	39.5	vf	2.77							2.77	nomo		5 mi NW of Pahala; 3 mi NW of Kula mtn	VL 463, p. 3
2/9/39	7:45:00	19	21.30	155	13.90	kl uer		2.0	6.5	9.0	9.2	vf	1.76							1.76	nomo		near Pauahi and Hiiaka; same location as eq on 2/10	VL 463, p. 3
2/10/39	9:56:00	19	21.30	155	13.90	kl uer	5.3	5.3	6.5	9.0	10.4	vf	1.85							1.85	nomo			VL 463, p. 3
2/10/39	15:46:00	19	33.0	155	27.0	ml ner	16	16		23.9	28.8	vf	2.55							2.55	nomo			VL 463, p. 3
2/13/39	19:17:00	19	23.00	155	15.20	kl koae		2.0	5.2	5.4	5.7	vf	1.43							1.43	nomo		between devil's throat and Ahua Kamokukolau	VL 463, p. 3
2/16/39	9:26:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf	0.80							0.80	nomo		NE rim Kilauea	VL 463, p. 3
2/17/39	6:05:00	19	34.3	155	13.3	hilo deep	43.2	43.2		16.2	46.1	vf-felt	3.63							3.63	nomo	felt	felt-Hilo	VL 463, p. 3
2/17/39	18:36:00	19	25.80	155	14.70	kl cal 05-10	6.4	6.4		1.7	6.6	f	2.55							2.55	nomo			VL 463, p. 3
2/18/39	16:36:00	19	23.40	155	15.20	kl uer		2.0	5.0	4.6	5.0	vf	1.34							1.34	nomo		near Kokoolau	VL 463, p. 3
2/21/39	14:26:00	19	25.80	155	14.50	kl cal 0-5	4.3	4.3		2.0	4.8	vf	1.30							1.30	nomo			VL 463, p. 3
2/23/39	12:52:00	19	19.20	155	11.00	kl kuer sf	8.0	8.0		14.8	16.8	vf	2.18							2.18	nomo	felt	Hakalau-slight quake felt	VL 463, p. 3; HVO unpub
2/26/39	7:53:00	19	24.70	155	17.10	kl cal 0-5		2.0	3.0	3.3	3.9	vf	1.16							1.16	nomo		n Halemaumau	VL 463, p. 3
2/26/39	18:11:00	20	5.0	155	50.0	kohala				94.4	94.8	vf	3.38							3.38	nomo			VL 463, p. 3
3/4/39	3:18:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 463, p. 3
3/5/39	1:11:00	19	35.4	155	21.6	mauna loa deep	24	24		20.5	31.6	vf	2.62							2.62	nomo			VL 463, p. 3
3/8/39	10:33:00	19	33.0	155	31.2	mauna loa deep	35.2	35.2		30.3	46.5	vf	2.89							2.89	nomo			VL 463, p. 3
3/13/39	21:28:00	19	27.5	155	21.2	kaoiki	16	16		10.2	19.0	vf	2.26							2.26	nomo			VL 463, p. 3
3/14/39	6:08:00	19	26.8	155	18.7	kaoiki	3.2	3.2		5.6	6.5	vf	1.52							1.52	nomo			VL 463, p. 3
3/14/39	9:54:00	19	24.60	155	17.20	kl cal 0-5	3.7	3.7		3.6	5.1	s	2.92							2.92	nomo			VL 463, p. 3
3/14/39	10:56:00	19	20.50	155	10.50	kl mer sf		10.0	14.0	13.4	16.8	f	3.19							3.19	nomo		between Makaopuhi crater and Hilina pali	VL 463, p. 3
3/14/39	12:10:00	19	22.70	155	14.90	kl koae		2.0		6.0	6.3	f	2.52							2.52	nomo			VL 463, p. 3
3/20/39	0:13:00	19	18.60	155	14.60	kl mer sf		10.0	21.5	13.6	16.9	vf	2.18							2.18	nomo		Hilina pali 6 mi se of Makaopuhi crater	VL 463, p. 3
3/21/39	8:47:00	19	24.70	155	13.60	kl cal 0-5		2.0		4.2	4.7	vf	1.29							1.29	nomo			VL 463, p. 3
3/22/39	5:46:00	19	33.0	155	30.0	mauna loa deep	64	64		28.5	70.0	f	3.92							3.92	nomo		Warshauer notes: Another quake, classified as feeble, was recorded at 5:46 a.m. yesterday	VL 463, p. 3; HTH, 3/23/1939
3/22/39	22:57:00	19	38.0	155	16.0	ml ner	16	16		22.5	27.6	f-felt	3.54							3.54	nomo	V	generally felt in Hilo; Warshauer notes: Hiloites awakened by a sharp earthquake at 10:57 last night; not felt in the volcano district. It may have originated on the northeast rift of Mauna Loa, or the southeast rift of Kilauea in the Kalapana section	VL 463, p. 3; HTH, 3/23/1939; additional felt report in HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/24/39	20:59:00	19	20.70	155	15.00	kl kuer sf	14.4	10.0		9.6	13.9	vf	2.05							2.05	nomo			VL 463, p. 3
3/25/39	23:02:00	19	23.50	155	14.80	kl uer		2.0	4.8	4.6	5.0	vf	1.34							1.34	nomo		bet devil's throat and Puhimau	VL 463, p. 3
3/28/39	5:36:00	19	35.2	155	26.0	mauna loa deep	32	32		25.1	40.7	vf	2.79							2.79	nomo			VL 463, p. 3
3/29/39	9:47:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 463, p. 3
3/30/39	21:35:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 463, p. 3
4/4/39	21:03:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99							0.99	nomo		near center of Kilauea crater	VL 464, p. 5
4/5/39	3:04:00	19	24.60	155	17.80	kl cal 0-5	4.8	4.8		4.4	6.5	vf	1.52							1.52	nomo			VL 464, p. 5
4/6/39	21:09:00	19	32.0	155	28.0	ml ner				24.5	26.1	vf	2.48							2.48	nomo		NE rift near Puu Ulaula	VL 464, p. 5
4/12/39	4:18:00	19	27.00	155	14.00	kl gln deep	28.8	28.8		3.6	29.0	s-felt	4.12	<4.32	<4.32					4.12	nomo	V	felt-Hilo, Olaa, hnp; Hilo-3; Warshauer notes: felt generally on Big island; awakened sleepers in Hilo; no damage	VL 464, p. 5; HVO unpub; HTH, 4/12/1939
4/13/39	14:53:00	19	25.00	155	14.50	kl cal 0-5		2.0	2.0	2.6	3.3	vf	1.04							1.04	nomo		twin craters, e rim of Kilauea crater	VL 464, p. 5
4/15/39	21:48:00	19	25.00	155	16.90	kl cal 0-5	2.1	2.1		2.7	3.4	s-felt	2.63							2.63	nomo	III	felt by many persons in hnp; hnp-5 (time 9:56 PM)	VL 464, p. 5; HVO unpub
4/16/39	18:14:00	19	18.70	155	10.50	kl mer sf		10.0	16.0	16.1	18.9	vf	2.26							2.26	nomo		Hilina fault s of Makaopuhi crater	VL 464, p. 5
4/16/39	22:57:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99							0.99	nomo		near center of Kilauea crater	VL 464, p. 5
4/17/39	13:08:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99							0.99	nomo		near center of Kilauea crater	VL 464, p. 5
4/17/39	22:24:00	19	18.6	155	12.1	ml ner				14.8	17.4	t	1.73							1.73	nomo		NE rift 13 mi from Hilo	VL 464, p. 5
4/20/39	6:42:00	19	24.80	155	17.00	kl cal 0-5		2.0	3.0	3.1	3.7	vf	1.12							1.12	nomo		near NE rim Halemaumau	VL 464, p. 5
4/20/39	8:49:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 464, p. 5
4/24/39	14:51:00	19	13.00	155	26.00	kl swr?		2.0	28.8	30.0	30.0	vf	2.58							2.58	nomo		SW rift 18 mi from Kilauea crater	VL 464, p. 5
4/25/39	2:21:00	19	41.5	155	46.0	hualalai deep	35.2	35.2		60.7	70.2	vf	3.17							3.17	nomo			VL 464, p. 5

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/29/39	21:57:00	19	31.6	155	26.0	ml ner	8	8		21.1	22.5	vf	2.38							2.38	nomo			VL 464, p. 5
5/1/39	17:15:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		Halemaumau	VL 464, p. 6
5/8/39	7:03:00	19	18.70	155	10.50	kl mer sf	32.0	10.0	16.5	16.1	18.9	s-felt	3.82							3.82	nomo	IV	Hilina fault 4 mi s of Makaopuhi crater; Warshauer notes: An earthquake rattled windows and doors in Hilo at 7:03 a.m. today, but did no damage. The quake was slightly felt in the volcano district; hilo-3, felt by many	VL 464, p. 6; HTH, 5/8/1939; HVO, unpub
5/11/39	7:51:00					kl cal 10-20	11.2	11.2	3.0	3.0	11.6	vf	1.92							1.92	nomo		Kilauea crater	VL 464, p. 6
5/13/39	15:32:00					oahu?			340	340.0	340.1	t-felt	3.79							3.79	nomo	felt	felt-Honolulu; no damage	VL 464, p. 6
5/13/39	23:50:00					lanai se?				0.0				<3.77	<3.82					3.00	felt	III-IV (Cox)	felt-Oahu; no damage; preferred mag assumed	Cox, 1986; foreshock of 5/29/39 quake?-not recorded at Whitney vault
5/14/39	5:37:00					kl cal 0-5?		2.0	4.0	4.0	4.5	vf	1.26							1.26	nomo		Kilauea or chain of craters	VL 464, p. 6
5/15/39	10:28:00	19	22.00	155	8.00	kl mer sf	16.0	10.0		15.2	18.2	m-st	4.74	5.06	4.73					4.90	hono	VI; VI (S&C)	strongly felt all Hawaii island ex Kohala; strongest in Hilo (slight damage to masonry and plaster), and hnp; Warshauer notes: felt strongly in all districts except Kohala; minor damage in Hilo, household articles knocked from shelves, building cracks	HVO location off?; mag agrees for south flank (likely considering high mag and not felt in Kohala); VL 464, p. 6; additional felt reports in HVO unpub; HTH, 5/15/1939; see HVO unpub and bib for complete felt report
5/18/39	20:48:00	19	19.00	155	9.00	kl mer sf	16.0	10.0		17.3	20.0	vf	2.30							2.30	nomo			VL 464, p. 6
5/20/39	2:05:00	19	24.80	155	17.00	kl cal 0-5		2.0	3.0	3.1	3.7	vf	1.12							1.12	nomo		NE rim Halemaumau	VL 464, p. 6
5/20/39	10:18:00	19	19.30	155	12.40	kl kuer sf		10.0	14.0	13.4	16.8	vf	2.18							2.18	nomo		Hilina fault 4 mi s of Puu Huluhulu	VL 464, p. 6
5/23/39	14:14:00	19	28.5	155	22.0	kaoiki	19.2	19.2		12.2	22.7	m-st	4.72	4.88	5.07			4.8	W&K	4.97	hono	VI	felt generally Hawaii island; all seismographs on island dismantled; Warshauer notes: Felt in all districts except Kohala; strong like last week; Kona, Hilo and volcano stronger than last week; Kau strong; duration 30 sec; many aftershocks	isoseismal map in W&K; Cox, 1986; Honolulu records suggest this quake has a different source than 5/24/39 kl cal deep; mag agreement ok for Kaoiki quake at depth given; VL 464, p. 6; HTH, 5/23; 24/1939; additional felt reports in bib and HVO, unpub
5/24/39	8:00:00					kaoiki	19.2	19.2		12.2	22.7	vf	2.39							2.39	calc		Warshauer notes: 18 tremors, including 4 or 5 very feeble aftershocks recorded between 2:14 p.m. May 23 and 8 a.m. May 24; preferred magnitude calculated as nomogram magnitude multiplied by number of events	1 events (assume vf) unaccounted for in VL 464; aftershock sequence not mentioned in VL 464; HTH, 5/24/1939
5/24/39	8:00:00					kaoiki	19.2	19.2		12.2	22.7	t	1.91							3.03	calc		do	17 events (assume t) from total mentioned in newspaper minus the vf event above; aftershock sequence not mentioned in VL 464; HTH, 5/24/1939
5/24/39	12:59:00	19	25.00	155	14.00	kl cal deep	24.0	30.0		3.3	30.2	m-st	4.92	5.26	5.52					5.39	hono	VI	felt entire Hawaii island, dismantling all instruments; Warshauer notes: felt in all districts of Hawaii island, also Oahu [denied, HTH May 26]; objects knocked from shelves in volcano district; duration 15 sec (felt), 6 min (instr.); deep Kilauea origin	Honolulu amplitude average of two readings; VL 464, p. 6; HTH, 5/24; 26/1939; see also HVO unpub and bib for additional felt reports
5/24/39	13:09:00	19	25.00	155	14.00	kl cal deep	32.0	32.0		3.3	32.2	s	4.19	no trace	no trace					4.19	nomo		hnp-felt, caused landslide in Halemaumau	VL 464, p. 6; HVO, unpub
5/25/39	3:39:00					kl kuer sf		10.0	16.0	16.0	18.9	vf-felt	2.26							2.26	nomo	IV	Hilina fault system; Hilo-rattled windows (thought it was intruder)	VL 464, p. 6; HVO unpub
5/25/39	8:54:00	19	28.5	155	22.0	kaoiki	19.2	19.2		12.2	22.7	vf	2.39							2.39	nomo			VL 464, p. 6
5/26/39	22:40:00					hualalai			70	70.0	70.6	vf	3.18							3.18	nomo		Hualalai	VL 464, p. 6
5/27/39	16:29:00	19	31.6	155	30.6	ml ner	12.8	12.8		28.3	31.1	vf	2.61							2.61	nomo		NE rift 5 mi from Mokuaweoweo	VL 464, p. 6
5/28/39	3:48:00	19	28.5	155	35.5	mauna loa deep	24	24		35.2	42.6	vf	2.83							2.83	nomo		Mokuaweoweo	VL 464, p. 6
5/28/39	6:34:00	19	12.5	155	44.5	mauna loa deep	24	24		56.4	61.3	vf	3.08							3.08	nomo		SW rift near 1907 source cones	VL 464, p. 6
5/29/39	19:15:00	19	30.0	156	50.0	lanai se	40	40		166.0	170.7	vf-felt	4.53	4.91	4.78					4.85	hono	V	felt widely-Oahu, Maui; 20-30 mi deep, 90 mi s. of Lanai; Warshauer notes: felt sharply throughout Oahu, not felt on Hawaii; 150 mi from Honolulu, duration 10 sec (felt), 5 min (instr.); recorded at HVO; felt on Oahu, Maui and Hawaii	attenuated at Whitney?; VL 464, p. 6; HTH, 5/30/1939; HA, 5/30/1939; additional felt reports in bib and HVO, unpub
5/29/39	23:45:00	19	22.90	155	14.40	kl uer		2.0	6.0	5.9	6.2	vf	1.49							1.49	nomo		near devil's throat	VL 464, p. 6
5/31/39	15:10:00	19	18.50	155	14.50	kl kuer sf	17.6	10.0		13.8	17.0	m-st	4.52	4.71	4.63					4.67	hono	V	hnp-6	Honolulu amplitude average of two readings; VL 464, p. 6; HVO unpub
5/31/39	20:38:00	19	37.5	155	15.5	ml ner	19.2	19.2		21.6	28.9	s-felt	4.12							4.12	nomo	V	felt-Hilo, hnp; Warshauer notes: generally felt throughout volcano and by a few persons in Hilo; hnp-6	VL 464, p. 6; HTH, 6/1/1939; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/31/39	20:51:00	19	34.0	155	10.5	kaoiki	17.6	17.6		17.6	24.9	m-st	4.78	4.45	4.60					4.52	hono	V	felt all Kau, Hilo, all island, strong at hnp; Warshauer notes: v hard in volcano and all Hilo, windows and doors rattled; dur >30 sec; slight in Kohala and Kona; hnp-6; Paauhau-3, quite sharp, dur 5 sec; Hilo-slight, felt by most	shallower?; VL 464, p. 6; HTH, 6/1/1939; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
6/2/39	11:38:00	19	14.50	155	21.50	kl swr sf		10.0	21.0	23.4	25.5	vf	2.47							2.47	nomo		Hilina fault near SW rift	VL 464, p. 6
6/5/39	2:06:00	19	30.50	154	50.50	kl ler		2.0	44.0	45.0	45.1	vf	2.86							2.86	nomo		Kapoho, 7 mi e of Pahoa	VL 464, p. 6
6/5/39	19:01:00	19	21.00	154	58.50	kl mer sf		10.0	30.0	31.5	33.0	vf	2.65							2.65	nomo		off seacoast near Kalapana	VL 464, p. 6
6/6/39	16:07:00	19	24.10	155	18.00	kl cal 05-10	6.4	6.4		5.2	8.3	vf	1.69							1.69	nomo			VL 464, p. 6
6/7/39	13:34:00	19	18.50	155	14.50	kl kuer sf		10.0		13.8	17.0	vf	2.19							2.19	nomo			VL 464, p. 6
6/7/39	22:47:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 464, p. 6
6/8/39	22:45:00	19	23.60	155	15.90	kl koae	1.8	1.8		4.2	4.6	vf	1.28							1.28	nomo			VL 464, p. 6
6/9/39	2:25:00	19	24.80	155	17.10	kl cal 0-5	4.8	4.8		3.2	5.8	vf	1.44							1.44	nomo			VL 464, p. 6
6/9/39	9:29:00	19	17.80	155	18.50	kl kuer sf		10.0	16.0	15.7	18.7	vf	2.25							2.25	nomo		Hilina fault 10 mi se of HVO	VL 464, p. 6
6/9/39	14:06:00	19	21.90	155	16.70	kl koae		2.0		7.6	7.8	vf	1.65							1.65	nomo			VL 464, p. 6
6/10/39	5:41:00	19	25.00	155	15.60	kl cal 0-5	1.8	1.8		1.6	2.4	vf-felt	1.57							1.57	nomo	felt	felt-hnp	VL 464, p. 6
6/10/39	10:10:00	19	22.50	155	16.90	kl koae	4.8	4.8		6.6	8.2	vf	1.68							1.68	nomo			VL 464, p. 6
6/11/39	8:51:00	19	23.00	155	16.60	kl koae	4.8	4.8		5.6	7.3	f	2.62							2.62	nomo			VL 464, p. 6
6/11/39	11:18:00	19	18.80	155	16.00	kl kuer sf		10.0	12.8	13.1	16.5	vf	2.17							2.17	nomo		Hilina fault 8 mi s of HVO	VL 464, p. 6
6/11/39	22:45:00	19	24.60	155	19.00	kl cal 0-5	4.0	4.0		6.3	7.5	vf	1.62							1.62	nomo			VL 464, p. 6
6/12/39	1:11:00	19	21.00	155	17.00	kl cal deep	20.8	20.8		9.3	22.8	m-st	4.72	4.64	4.65					4.65	hono	V	felt generally-Hawaii island, strongest in Hilo and hnp; Kealakekua-short tremor, slight shake, short tremor; hilo-mod, wakened many; hnp-3, wakened persons; Warshauer notes: Hilo-wakened person, prolonged rattling of windows/doors; dismantled instruments	Honolulu amplitude average of two readings; possible surface waves noted on the Honolulu seismogram; VL 464, p. 6; HVO unpub; HTH, 6/12/1939; weaker than earlier 4 shocks; felt dur 30 sec
6/12/39	17:47:00	19	24.40	155	18.50	kl cal 05-10	5.9	5.9		5.7	8.2	vf	1.68							1.68	nomo			VL 464, p. 6
6/12/39	18:26:00	19	26.00	155	17.40	kl cal 0-5	0.8	0.8		3.1	3.2	f	2.04							2.04	nomo			VL 464, p. 6
6/13/39	22:47:00	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	vf	1.19							1.19	nomo		near se rim Kilauea crater	VL 464, p. 6
6/14/39	1:04:00	19	24.50	155	17.80	kl cal 0-5	3.2	3.2		4.5	5.5	s	2.97							2.97	nomo			VL 464, p. 6
6/14/39	2:06:00	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	vf	1.19							1.19	nomo		near se rim Kilauea crater	VL 464, p. 6
6/14/39	4:35:00					maui					180.0	vf?	3.83							3.83	nomo	IV	Haleakala crater-felt as sharp jolt, dur 1 sec, vertical motion	not separately reported in VL 464, but included in table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/14/39	6:27:00	19	23.70	155	18.50	kl swr	3.7	3.7		6.4	7.4	vf	1.61							1.61	nomo			VL 464, p. 7
6/14/39	10:02:00	19	23.60	155	16.50	kl cal 0-5	3.4	3.4		4.4	5.6	s	2.98							2.98	nomo			VL 464, p. 7
6/15/39	15:18:00	19	23.50	155	15.50	kl cal deep	24.0	24.0		4.4	24.4	vf	2.44							2.44	nomo			VL 464, p. 7
6/15/39	17:46:00	19	25.00	155	15.00	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		near Kilauea Iki	VL 464, p. 7
6/16/39	11:35:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.0	3.4	4.0	vf	1.18							1.18	nomo		near Halemaumau	VL 464, p. 7
6/18/39	17:12:00	19	24.80	155	17.00	kl cal 0-5		2.0	3.0	3.1	3.7	vf	1.12							1.12	nomo		NE Halemaumau	VL 464, p. 7
6/19/39	3:49:00	19	25.30	155	15.00	kl cal deep	24.0	24.0		1.6	24.1	m	4.25	<4.60	<4.53					4.25	nomo	III	felt-Hilo, hnp; Hilo (time 3:38:15-same event?), 2 mild waves, slight, felt by a few; Warshauer notes: slight to moderate quake was generally felt in the Hilo and volcano districts at 3:48:45 a.m. In Hilo felt as a prolonged shock, not strong	time changed to agree with newspaper and postcard data; VL 464, p. 7; HVO unpub; HTH, 6/19/1939
6/20/39	4:10:00	19	24.40	155	17.00	kl cal 0-5		2.0	3.0	3.6	4.1	vf	1.20							1.20	nomo		se Halemaumau	VL 464, p. 7
6/20/39	15:01:00	19	22.00	155	10.00	kl mer deep?	20.8	10.0		12.3	15.8	s	3.70							3.70	nomo			VL 464, p. 7
6/24/39	14:04:00	19	25.80	155	16.60	kl cal 0-5		2.0		1.7	2.6	s-felt	2.44							2.44	nomo	III	felt sharply-hnp	VL 464, p. 7
7/1/39	0:20:00	19	23.00	155	11.50	kl cal 10-20?	17.6	17.6		9.0	19.8	m	4.35	4.30	4.48					4.39	hono	V	awakened many in Hilo and hnp, dism seis; hale Pohaku (Mauna Kea)-fairly sharp quake, dur 3-4 sec, wakened most sleepers; hilo-3, wakened; Warshauer notes: felt all Hilo and volcano dist; dur ~6 min, felt ~15 sec; rattled windows, awakened many, no damage	Honolulu amplitude average of two readings; VL 464, p. 7; HVO unpub; HTH, 7/1/1939
7/5/39	0:20:00	19	20.20	155	10.20	kl mer sf	19.2	10.0		14.2	17.4	s-felt	3.76							3.76	nomo	felt	felt-Hilo, hnp	VL 465, p. 5
7/5/39	11:47:00					east hawaii																III	Hilo-2 to 3, felt by some	not in VL 465; date and time from felt report (HVO unpub)
7/7/39	17:46:00	19	24.10	155	16.10	kl cal 0-5		2.0	3.0	3.4	3.9	vf	1.16							1.16	nomo		se rim Kilauea crater	VL 465, p. 5
7/7/39	19:23:00	19	24.10	155	16.10	kl cal 0-5		2.0	3.0	3.4	3.9	vf	1.16							1.16	nomo		se rim Kilauea crater	VL 465, p. 5
7/7/39	20:04:00	19	25.00	155	16.20	kl cal 0-5		2.0	2.0	1.9	2.7	f	1.93							1.93	nomo		e rim Kilauea crater	VL 465, p. 5
7/8/39	15:32:00					kl mer?		5.0	27.0	27.0	27.5	vf	2.52							2.52	nomo		se rift near Kalapana	VL 465, p. 5
7/11/39	17:51:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 465, p. 5
7/12/39	23:30:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 465, p. 5
7/14/39	3:51:00	19	19.50	155	7.00	kl mer sf	8.0	8.0		19.2	20.8	m-st	4.66	4.99	5.08			5.50	W&K; S&C	5.04	hono	V; V (S&C)	felt generally-Hawaii island; intensity greatest in Kau, Puna; sleepers wakened in Hilo, hnp; unusually strong at Pahoa; Warshauer notes: felt entire island, strongest in Puna and volcano district; sleepers awakened and windows rattled but no damage done.	Honolulu amplitude average of two readings; isoseismal map in W&K (mag too high?); VL 465, p. 5; HTH, 7/14/1939; see HVO unpub and bib for complete felt report

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
7/15/39	21:46:00	19	24.60	155	16.60	kl cal 0-5		2.0	3.0	2.9	3.5	vf	1.09							1.09	nomo		Kilauea crater e of Halemaumau	VL 465, p. 5
7/16/39	7:14:00	19	33.5	155	25.5	mauna loa deep	56	56		22.3	60.3	vf	3.07							3.07	nomo			VL 465, p. 5
7/16/39	15:57:00	19	18.70	155	10.50	kl mer sf		10.0	16.0	16.1	18.9	vf	2.26							2.26	nomo		Hilina fault 3.5 mi s of Makaopuhi crater	VL 465, p. 5
7/19/39	11:38:00	19	23.60	155	14.90	kl uer	2.4	2.4		4.4	5.0	vf	1.34							1.34	nomo			VL 465, p. 5
7/19/39	22:15:00	19	22.60	155	15.10	kl uer	2.2	2.2		6.1	6.5	vf	1.52							1.52	nomo			VL 465, p. 5
7/21/39	21:04:00	19	34.2	155	11.4	hilo				17.2	19.4	vf	2.28							2.28	nomo		NE rift 12 mi SW of Hilo	VL 465, p. 5
7/25/39	11:00:00	19	26.90	155	16.30	kl cal 05-10	6.7	6.7		2.2	7.1	vf	1.58							1.58	nomo			VL 465, p. 5
7/25/39	11:45:00	19	33.0	155	21.6	mauna loa deep	56	56		16.9	58.5	vf	3.05							3.05	nomo		NE rift 16 mi NE of Mokuaweoweo	VL 465, p. 5
7/27/39	2:02:00	19	26.0	155	48.0	kona deep	36.8	36.8		56.8	67.7	vf	3.15							3.15	nomo			VL 465, p. 5
7/28/39	17:12:00	19	24.90	155	16.50	kl cal 0-5		2.0	4.0	2.3	3.1	vf	0.99							0.99	nomo		Kilauea crater 1.3 mi SW of HVO	VL 465, p. 5
7/31/39	8:58:00	19	33.0	155	21.6	ml ner	5	5		16.9	17.6	vf	2.21							2.21	nomo		NE rift 16 mi NE of Mokuaweoweo	VL 465, p. 5
7/31/39	20:18:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.0	3.4	4.0	vf	1.18							1.18	nomo		Kilauea crater near Halemaumau	VL 465, p. 5
7/31/39	20:21:00	19	25.10	155	15.30	kl cal 0-5		2.0		1.5	2.5	vf-felt	1.61							1.61	nomo	felt	felt-hnp	VL 465, p. 5
8/4/39	15:16:00	19	24.10	155	16.00	kl cal 0-5		2.0		3.3	3.9	vf	1.16							1.16	nomo			VL 465, p. 5
8/4/39	23:56:00	19	28.50	155	18.80	kl gln	3.5	3.5		7.4	8.2	vf	1.68							1.68	nomo			VL 465, p. 5
8/5/39	13:46:00	19	31.0	156	2.0	hualalai?	12.8	12.8		82.0	83.0	vf-felt	4.03							4.03	nomo	IV	felt-Holualoa, Hookena; Hookena-2; Kau and Kona rather sharp and short, single shake with vertical motion; Holualoa-5	VL 465, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]; not found in HTH
8/6/39	17:09:00	19	41.5	155	35.0	hualalai deep	64	64		44.7	78.0	vf	3.25							3.25	nomo			VL 465, p. 5
8/7/39	7:19:00	19	24.80	155	16.50	kl cal 0-5		2.0	3.0	2.5	3.2	vf	1.02							1.02	nomo		n rim Kilauea crater	VL 465, p. 5
8/8/39	4:32:00	19	18.00	155	11.50	kl kuer sf	9.5	9.5		16.3	18.9	f-felt	3.27							3.27	nomo	felt	felt-Hilo	VL 465, p. 5
8/8/39	6:50:00	19	19.00	155	10.00	kl kuer sf	16.0	10.0		16.1	19.0	f-felt	3.28							3.28	nomo	felt	felt-Hilo	VL 465, p. 6
8/11/39	18:39:00	19	12.00	155	26.00	kl swr?		5.0	34.5	31.5	31.9	vf	2.62							2.62	nomo		SW rift near seacoast	VL 465, p. 6
8/15/39	14:52:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 465, p. 6
8/16/39	10:29:00	19	20.50	155	10.50	kl mer sf		10.0	14.0	13.4	16.8	vf	2.18							2.18	nomo		bet Makaopuhi crater and Hilina fault	VL 465, p. 6
8/16/39	14:20:00	19	25.50	155	17.60	kl cal 0-5		2.0		3.5	4.0	vf	1.18							1.18	nomo			VL 465, p. 6
8/16/39	14:40:00	19	31.0	155	32.4	ml ner				30.9	32.2	vf	2.63							2.63	nomo		NE rift 5 mi SW of Puu Ulaula	VL 465, p. 6
8/17/39	5:57:00	19	19.50	155	6.50	kl mer sf	12.8	10.0		20.0	22.3	m	4.43	4.26	4.46					4.36	hono		no intensity reports!	Honolulu amplitude average of two readings; VL 465, p. 6; not found in HTH
8/17/39	6:18:00	19	21.50	155	7.00	kl mer sf	6.4	6.4		17.2	18.4	m	4.30	<4.46	<4.46					4.30	nomo		no intensity reports!	VL 465, p. 6; not found in HTH
8/17/39	6:58:00	19	18.60	155	14.10	kl kuer sf	24.0	10.0	17.0	13.7	17.0	vf	2.19							2.19	nomo		Hilina fault n of Keauhou pt	VL 465, p. 6
8/17/39	23:51:00	19	18.20	155	16.80	kl kuer sf		5.0	14.5	14.3	15.2	s	3.67							3.67	nomo		Hilina fault 3.3 mi s of Puu Ohale	VL 465, p. 6
8/18/39	21:03:00	19	29.0	155	35.0	ml mok				34.5	35.6	vf	2.70							2.70	nomo		NE Mokuaweoweo	VL 465, p. 6
8/20/39	10:01:00	19	31.7	155	21.0	ml ner	19.2	19.2		14.3	24.0	vf	2.43							2.43	nomo			VL 465, p. 6
8/27/39	16:19:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf	0.80							0.80	nomo		NE rim Kilauea crater	VL 465, p. 6
8/28/39	16:21:00					kohala			90	90.0	90.4	vf	3.35							3.35	nomo		Kohala district	VL 465, p. 6
9/3/39	6:17:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		Mokuaweoweo	VL 465, p. 6
9/3/39	6:54:00	19	23.00	155	14.70	kl uer		2.0		5.6	5.9	vf	1.45							1.45	nomo			VL 465, p. 6
9/3/39	20:10:00	19	30.0	155	26.0	ml ner	11.2	11.2		19.7	22.7	f-felt	3.40							3.40	nomo	felt	felt-hnp	VL 465, p. 6
9/4/39	0:28:00	19	31.5	155	31.0	ml ner	8	8		28.9	30.0	vf	2.58							2.58	nomo			VL 465, p. 6
9/7/39	1:32:00	19	41.0	155	51.0	hualalai	24	24		68.1	72.2	f-felt	3.63	<3.77	no trace					3.63	nomo	V	felt strongly-Puu waawaa; Holualoa-6, a good strong quake giving everyone a fright	mags agree if amplitude referenced to distance from Kona seismometer; VL 465, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/7/39	10:46:00	19	24.40	155	15.40	kl cal 05-10	6.4	6.4		2.7	7.0	vf	1.57							1.57	nomo			VL 465, p. 6
9/8/39	13:39:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 465, p. 6
9/13/39	6:49:00	19	24.00	155	20.00	kl swr?	14.4	14.4		8.4	16.7	f	3.19							3.19	nomo			VL 465, p. 6
9/13/39	16:20:00	19	18.00	155	10.00	kl kuer sf	20.0	10.0		17.6	20.3	f	3.32							3.32	nomo			VL 465, p. 6
9/14/39	10:07:00					ml mok?			35	35.0	36.1	t-felt	2.24							2.24	nomo	felt	felt-Mauna Loa	VL 465, p. 6
9/14/39	12:10:00					hualalai deep		45	70	70.0	83.2	vf	3.29							3.29	nomo		Hualalai	VL 465, p. 6
9/15/39	18:13:00	19	25.90	155	17.50	kl cal 0-5		2.0		3.2	3.8	vf	1.15							1.15	nomo			VL 465, p. 6
9/17/39	3:33:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.0	3.4	4.0	vf	1.18							1.18	nomo		Kilauea crater near Halemaumau	VL 465, p. 6
9/20/39	10:41:00	19	24.60	155	17.10	kl cal 0-5	4.0	4.0	3.5	3.4	5.3	vf	1.37							1.37	nomo		Kilauea crater near Halemaumau	VL 465, p. 6
9/27/39	11:24:00					kl swr		2.0	7.0	7.0	7.3	vf	1.60							1.60	nomo		SW rift	VL 465, p. 6
9/28/39	9:11:00	19	24.00	155	17.00	kl cal 0-5		2.0	4.0	4.2	4.6	vf	1.28							1.28	nomo		SW Kilauea crater	VL 465, p. 6
10/3/39	16:12:00	19	30.4	155	33.4	ml ner				32.3	33.5	vf	2.66							2.66	nomo		NE rift near Mokuaweoweo	VL 466, p. 6
10/5/39	17:52:00	19	21.00	155	15.70	kl koae		2.0	9.0	9.0	9.2	vf	1.76							1.76	nomo		near junction of Lele o Kalihipaa and Kulanaokuaiki palis	VL 466, p. 6
10/8/39	10:35:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf	0.80							0.80	nomo		NE rim Kilauea crater	VL 466, p. 6
10/11/39	1:11:00	19	20.00	155	7.30	kl mer sf		10.0	16.0	18.3	20.8	f	3.34							3.34	nomo		Hilina fault 4 mi se of Makaopuhi crater	VL 466, p. 6
10/11/39	14:27:00	19	30.5	155	29.0	ml ner	12.8	12.8		25.0	28.1	f-felt	3.55							3.55	nomo	felt	felt sharply-mner rest house	VL 466, p. 6
10/11/39	15:42:00	19	24.70	155	16.00	kl cal 0-5	1.3	1.3		2.2	2.6	f-felt	1.89							1.89	nomo	felt	felt-hnp	VL 466, p. 6
10/14/39	15:55:00					kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		e Kilauea crater	VL 466, p. 6
10/15/39	4:38:00	19	28.5	155	36.0	mauna loa deep	35.2	35.2		36.1	50.4	vf	2.94							2.94	nomo			VL 466, p. 6
10/15/39	11:03:00	19	24.90	155	16.50	kl cal 0-5		2.0	2.0	2.3	3.1	vf	0.99							0.99	nomo		central Kilauea crater	VL 466, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/16/39	10:25:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.11	nomo		Kilauea crater	VL 466, p. 6
10/16/39	13:35:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.11	nomo		Kilauea crater	VL 466, p. 6
10/17/39	6:33:00	19	23.70	155	15.10	kl uer		2.0	3.5	4.1	4.6	vf	1.28								1.28	nomo		near Puhimau	VL 466, p. 6
10/19/39	19:33:00	19	42.0	156	1.0	hualalai				85.1	85.6	vf	3.31								3.31	nomo			VL 466, p. 6
10/26/39	18:18:00	19	35.0	155	10.0	hilo				19.6	21.6	vf	2.35								2.35	nomo		NE rift 10 mi SW of Hilo	VL 466, p. 6
10/29/39	0:02:00	19	35.5	155	23.0	ml ner	11.2	11.2		22.0	24.7	vf	2.45								2.45	nomo			VL 466, p. 6
11/1/39	14:38:00	19	23.20	155	16.00	kl koae		2.0		5.0	5.4	vf	1.38								1.38	nomo			VL 466, p. 6
11/3/39	0:15:00	19	19.00	155	7.00	kl mer sf		10.0	24.0	19.8	22.2	vf	2.37								2.37	nomo		Hilina fault near Laeapuki	VL 466, p. 6
11/3/39	15:38:00	19	23.50	155	18.30	kl swr	4.8	4.8		6.4	8.0	s	3.22								3.22	nomo			VL 466, p. 6
11/4/39	3:07:00	19	23.50	155	18.30	kl swr	4.8	4.8		6.4	8.0	f	2.68								2.68	nomo			VL 466, p. 6
11/4/39	15:54:00					ml ner			30	30.0	31.3	t	2.14								2.14	nomo		NE rift	VL 466, p. 6
11/4/39	22:58:00	19	17.5	155	34.0	mauna loa deep	40	40		35.8	53.7	vf-felt	2.99								2.99	nomo	felt	felt-Pahala	VL 466, p. 6
11/7/39	5:34:00	19	21.40	155	15.40	kl koae	4.3	4.3		8.3	9.3	vf	1.77								1.77	nomo			VL 466, p. 6
11/8/39	23:23:00	19	25.00	155	16.00	kl cal 0-5		2.0		1.7	2.6	vf	0.89								0.89	nomo			VL 466, p. 6
11/10/39	7:06:00	19	25.00	155	15.00	kl cal 0-5		2.0		2.0	2.8	vf	0.94								0.94	nomo			VL 466, p. 6
11/10/39	11:06:00	19	25.00	155	15.00	kl cal 0-5		2.0		2.0	2.8	vf	0.94								0.94	nomo			VL 466, p. 7
11/13/39	0:02:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11								1.11	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 466, p. 7
11/13/39	13:59:00	19	24.90	155	16.20	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94								0.94	nomo		e central Kilauea crater	VL 466, p. 7
11/14/39	7:55:00	19	31.0	155	32.4	ml ner				30.9	32.2	vf	2.63								2.63	nomo		NE rift 4 mi NE of Mokuaweoweo	VL 466, p. 7
11/14/39	9:56:00	19	19.00	155	10.50	kl mer sf		10.0	16.0	15.6	18.5	vf	2.25								2.25	nomo		Hilina fault s of Makaopuhi crater	VL 466, p. 7
11/19/39	3:21:00	19	28.5	155	35.5	ml mok	5	5		35.2	35.6	vf	2.70								2.70	nomo		Mokuaweoweo	VL 466, p. 7
11/19/39	6:08:00	19	30.4	155	33.4	ml ner				32.3	33.5	vf	2.66								2.66	nomo		NE rift near Mokuaweoweo	VL 466, p. 7
11/19/39	7:23:00	19	24.50	155	17.00	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		se rim Halemaumau	VL 466, p. 7
11/20/39	16:29:00	19	31.0	155	31.5	ml ner	11.2	11.2		29.4	31.5	vf	2.61								2.61	nomo			VL 466, p. 7
11/24/39	5:34:00	19	21.20	155	3.60	kl mer sf		10.0	23.0	22.9	25.0	vf	2.45								2.45	nomo		Hilina fault 5 mi w of Kalapana	VL 466, p. 7
11/27/39	22:30:00	19	25.00	155	16.30	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.93								0.93	nomo		1 mi NE of Halemaumau seismometer	VL 466, p. 7
12/1/39	12:35:00					ml ner			30	30.0	31.3	vf	2.61								2.61	nomo		NE rift	VL 466, p. 7
12/2/39	8:48:00	19	23.50	155	16.60	kl cal 0-5	1.3	1.3		4.7	4.9	vf	1.32								1.32	nomo			VL 466, p. 7
12/3/39	5:21:00	19	31.0	155	32.5	mauna loa deep	28.8	28.8		31.1	42.4	vf	2.82								2.82	nomo			VL 466, p. 7
12/5/39	6:29:00					kl ler sf os?		10.0	60.0	60.0	60.8	vf	3.07								3.07	nomo		ocean floor se of Hawaii island	VL 466, p. 7
12/6/39	22:56:00	19	31.0	155	31.9	ml ner	5	5		30.1	30.5	vf	2.59								2.59	nomo		NE rift 5 mi from center of Mokuaweoweo	VL 466, p. 7
12/8/39	0:18:00					kl ler sf os?		10.0	60.0	60.0	60.8	vf	3.07								3.07	nomo		ocean floor se of Hawaii island	VL 466, p. 7
12/8/39	3:49:00	19	30.0	155	34.3	ml mok	5	5		33.6	34.0	vf	2.67								2.67	nomo			VL 466, p. 7
12/8/39	23:54:00	19	22.90	155	14.40	kl uer		2.0	6.0	5.9	6.2	vf	1.49								1.49	nomo		e rift near devil's throat	VL 466, p. 7
12/10/39	14:24:00	19	23.80	155	16.30	kl cal 0-5		2.0		4.0	4.5	vf	1.26								1.26	nomo			VL 466, p. 7
12/13/39	1:56:00	19	41.5	156	14.0	hualalai os			105	106.5	106.9	vf	3.46								3.46	nomo		sea floor 23 mi w of Hualalai	VL 466, p. 7
12/13/39	20:20:00					hualalai?					70.0	vf?-felt	3.17								3.17	nomo	felt	Warshauer notes: distinct but light quake; peculiar light quakes in Kona and Kohala continued last night; felt nightly in the Kona district for the past week; doors and windows rattle, acc by a rumbling noise as thunder; no real earth movement felt	not separately reported in VL 466, but included in table; date and time from felt report; HTH, 12/15/1939
12/13/39	20:35:00					hualalai?				30.0	31.3	vf (kona)?	2.61								3.52	calc	felt	p.m. felt by Kohala residents, also in Kona, acc by rumbling; quakes were peculiar, unlike most quakes felt in Hawaii; preferred magnitude calculated as nomogram mag multiplied by number of events	assume 10 vf (Kona) events;not reported in VL 466; HTH, 12/14/1939
12/17/39	14:48:00	19	23.50	155	16.80	kl cal 0-5		2.0		4.8	5.2	vf-felt	2.11								2.11	nomo	felt	felt-hnp; dismantled both components of pit seismograph	VL 466, p. 7
12/19/39	13:11:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.11	nomo		Kilauea crater	VL 466, p. 7
12/21/39	8:15:00	19	17.5	155	34.0	mauna loa deep	32	32		35.8	48.0	vf	2.91								2.91	nomo			VL 466, p. 7
12/22/39	5:36:00	19	24.4	155	29.0	kaoiki	14.4	14.4		23.6	27.6	f-felt	3.54								3.54	nomo	IV	felt strongly-Kapapala	VL 466, p. 7
12/23/39	12:06:00	19	32.0	155	29.0	ml ner	24	24		26.1	35.4	f	3.71								3.71	nomo			VL 466, p. 7
12/23/39	22:54:00	19	23.80	155	16.40	kl cal 0-5	2.7	2.7		4.0	4.9	vf	1.32								1.32	nomo			VL 466, p. 7
12/26/39	20:50:00	19	15.50	155	23.00	kl swr sf		10.0		23.1	25.2	vf	2.46								2.46	nomo			VL 466, p. 7
1/9/40	19:47:00	19	19.40	155	22.10	kl swr		2.0	16.0	16.5	16.6	vf	2.17								2.17	nomo		SW rift 8 mi SW of Halemaumau	VL 467, p. 9
1/16/40	23:06:00	19	28.0	155	37.5	ml mok	5	5		38.6	38.9	f	3.78								3.78	nomo		Warshauer notes: A sharp increase in seismic activity for the week ending Jan. 21. HVO seismograph registered 31 events (8 vf, 23 t), MLO seismograph registered more than 60 events;	VL 467, p. 9; HTH, 1/25/1940
1/16/40	23:08:00	19	28.0	155	37.5	ml mok	5	5		38.6	38.9	vf	2.76								2.76	nomo		do	VL 467, p. 9; HTH, 1/25/1940
1/16/40	23:32:00	19	25.2	155	20.5	kaoiki	14.4	14.4		8.6	16.8	vf	2.18								2.18	nomo		do. time (11:33) and distance (12 mi) given [doesn't agree with VL]	VL 467, p. 9; HTH, 1/25/1940
1/16/40	23:45:00					kl swr		2.0	7.0	7.0	7.3	vf	1.60								1.60	nomo		SW rift	VL 467, p. 9

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/16/40	23:45:00					kaoiki			19.2	19.2	21.2	vf	2.34								2.34	nomo		do; time and distance (12 mi) given	not separately reported in VL 467, but included in table; date and time from felt report; HTH, 1/25/1940
1/16/40	23:46:00					kaoiki			19.2	19.2	21.2	vf	2.34								2.34	nomo		do; time and distance (12 mi) given	not separately reported in VL 467, but included in table; date and time from felt report; HTH, 1/25/1940
1/17/40	10:50:00					hualalai			70	70.0	70.6	vf	3.18								3.18	nomo		Hualalai; do; time and distance given	VL 467, p. 9; HTH, 1/25/1940
1/19/40	14:24:00					kona?					65.0	vf-felt	3.12								3.12	nomo	IV	Hookena-2, building creaked	not separately reported in VL 467, but included in table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/19/40	18:28:00					hilea			43.2	43.2	44.1	vf	2.85								2.85	nomo		do; time and distance (27 mi) given	not separately reported in VL 467, but included in table; date and time from felt report; HTH, 1/25/1940
1/20/40	0:34:00	19	17.40	155	19.00	kl swr sf		10.0	21.0	16.7	19.5	vf	2.28								2.28	nomo		Hilina fault 3.5 mi se (SW in VL cannot be correct) of Kamakaia hills	VL 467, p. 9
1/20/40	0:34:00					kaoiki			28.8	28.8	30.2	vf	2.59								2.59	nomo		do; time and distance (18 mi) given	not separately reported in VL 467, but included in table; date and time from felt report; HTH, 1/25/1940
1/21/40	23:59:00					ml mok?			21	21.0	22.8	t	1.92								3.16	calc		Warshauer notes: A sharp increase in seismic activity for the week ending Jan. 21. HVO seismograph registered 31 events (8 vf, 23 t), MLO seismograph registered more than 60 events; preferred mag calculated as nomogram mag multiplied by number of events	eqs; assume 23 events (t)
1/28/40	0:06:00	19	23.90	155	17.90	kl swr	3.7	3.7		5.4	6.5	vf	1.52								1.52	nomo			VL 467, p. 9
1/28/40	18:18:00	19	34.6	155	21.4	ml ner			20	19.1	21.1	vf	2.34								2.34	nomo		NE rift 6.5 mi NE of Puu Ulaula	VL 467, p. 9
1/28/40	21:14:00	19	31.4	155	30.8	ml ner				28.5	29.9	vf	2.58								2.58	nomo		NE rift 3 mi NE of Pohaku Hanalei	VL 467, p. 9
1/29/40	8:06:00					ml nf			42	42.0	43.0	vf	2.83								2.83	nomo		n slope Mauna Loa	VL 467, p. 9
1/30/40	1:11:00	19	31.4	155	30.8	ml ner				28.5	29.9	vf	2.58								2.58	nomo		NE rift 3 mi NE of Pohaku Hanalei	VL 467, p. 9
1/30/40	11:32:00	19	24.40	155	16.60	kl cal 0-5	1.8	1.8		3.2	3.6	vf	1.12								1.12	nomo			VL 467, p. 9
1/30/40	13:54:00	19	34.4	155	21.6	ml ner				19.0	21.0	vf	2.33								2.33	nomo		NE rift 6 mi NE of Puu Ulaula	VL 467, p. 9
1/31/40	2:19:00	19	23.90	155	17.60	kl cal 0-5	1.8	1.8		5.0	5.3	vf	1.38								1.38	nomo			VL 467, p. 9
2/2/40	0:29:00	19	24.50	155	16.90	kl cal 0-5		2.0		3.3	3.9	vf	1.16								1.16	nomo			VL 467, p. 9
2/2/40	9:14:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99								0.99	nomo		central Kilauea crater	VL 467, p. 9
2/3/40	12:49:00	19	23.00	155	16.00	kl koae		2.0	4.5	5.3	5.7	vf	1.43								1.43	nomo		near Ahua Kamokukolau	VL 467, p. 9
2/5/40	19:50:00	19	25.40	155	15.80	kl cal 0-5		2.0	2.0	0.9	2.2	vf	0.76								0.76	nomo		e rim Kilauea crater near Byron's ledge	VL 467, p. 9
2/7/40	11:43:00	19	31.0	155	31.0	ml ner	5	5		28.6	29.0	vf	2.56								2.56	nomo			VL 467, p. 9
2/8/40	7:19:00	19	15.00	155	21.50	kl swr sf	17.5	10.0		22.6	24.7	vf	2.45								2.45	nomo			VL 467, p. 9
2/8/40	10:42:00	19	24.90	155	16.40	kl cal 0-5		2.0		2.2	3.0	vf	0.98								0.98	nomo			VL 467, p. 9
2/9/40	7:42:00	19	23.70	155	15.10	kl uer		2.0		4.1	4.6	vf	1.28								1.28	nomo		near Puhimau	VL 467, p. 9
2/9/40	22:47:00	19	25.40	155	15.80	kl cal 0-5		2.0	2.0	0.9	2.2	vf	0.76								0.76	nomo		e rim Kilauea crater	VL 467, p. 9
2/10/40	4:44:00	19	24.30	155	17.20	kl cal 0-5	0.5	0.5		4.0	4.0	vf	1.18								1.18	nomo			VL 467, p. 9
2/12/40	23:18:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf	0.80								0.80	nomo		NE rim Kilauea crater	VL 467, p. 9
2/14/40	20:54:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94								0.94	nomo		NE Kilauea crater	VL 467, p. 9
2/15/40	3:03:00	19	14.50	155	21.50	kl swr sf	17.6	10.0	21.0	23.4	25.5	vf	2.47								2.47	nomo		lat changed to 19° 14.5' (misprint in VL?) to correspond to description: "near junction of Hilina fault with SW rift of Kilauea"	VL 467, p. 9
2/16/40	9:12:00	19	17.10	155	23.60	kl swr		5.0	20.8	21.4	22.0	vf	2.37								2.37	nomo		SW rift 13 mi SW of HVO	VL 467, p. 9
2/16/40	16:09:00	19	26.00	155	16.30	kl cal 0-5	3.7	3.7	2.0	1.2	3.9	vf	1.16								1.16	nomo		NE rim of Kilauea crater	VL 467, p. 9
2/17/40	7:03:00	19	22.20	155	15.90	kl koae	6.7	6.7		6.8	9.5	f	2.80								2.80	nomo			VL 467, p. 9
2/28/40	10:38:00					kl swr		2.0	7.0	7.0	7.3	vf	1.60								1.60	nomo		SW rift	VL 467, p. 9
3/1/40	1:58:00	19	36.0	155	22.0	ml ner	19.2	19.2		21.8	29.1	vf	2.56								2.56	nomo			VL 467, p. 9
3/2/40	9:47:00	19	23.80	155	16.50	kl cal 0-5		2.0		4.1	4.6	f-felt	2.29								2.29	nomo	felt	felt-hnp	VL 467, p. 9
3/2/40	10:20:00	19	23.80	155	16.50	kl cal 0-5		2.0		4.1	4.6	vf	1.27								1.27	nomo			VL 467, p. 9
3/4/40	20:15:00	19	28.00	155	36.0	ml mok				36.0	37.1	vf	2.73								2.73	nomo		SW end of Mokuaweoweo	VL 467, p. 9
3/8/40	22:40:00					ml ner			30	30.0	31.3	vf	2.61								2.61	nomo		NE rift	VL 467, p. 9
3/9/40	16:00:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71								2.71	nomo		Mokuaweoweo	VL 467, p. 9
3/10/40	16:06:00	19	34.0	155	24.5	mauna loa deep	27.2	27.2		21.7	34.8	f-felt	3.70								3.70	nomo	felt	felt-HVO	VL 467, p. 9
3/11/40	23:43:00	19	24.80	155	15.70	kl cal 0-5		2.0		2.0	2.8	f	1.95								1.95	nomo			VL 467, p. 9
3/14/40	11:26:00	19	21.60	155	16.10	kl koae		2.0		7.9	8.2	vf	1.68								1.68	nomo		0.8 mi NE of Puu Ohale	VL 467, p. 9
3/18/40	3:27:00	19	40.0	155	48.0	hualalai deep	28.8	28.8		62.6	68.9	vf	3.16								3.16	nomo			VL 467, p. 9

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/20/40	19:46:00	19	19.00	155	9.00	kl kuer sf	17.5	10.0		17.3	20.0	f	3.64							3.64	nomo	III	Hilo-3, dur 2 sec; Warshauer notes: A quake, recorded as feeble to slight on the HVO seismograph, was generally felt in Hilo at 7:46:15 p.m. Wednesday as a short, sharp shock; also felt by one person in volcano, not felt in other sections of the island	VL 467, p. 9; HVO unpub; HTH, 3/21/1940
3/21/40	23:11:00					mauna kea			50	50.0	50.8	vf	2.95							2.95	nomo		Mauna Kea	VL 467, p. 9
3/22/40	3:23:00					kl kuer sf		10.0			10.0	vf	1.82							1.82	nomo		Hilina pali	VL 467, p. 9
3/26/40	0:45:00	19	39.7	155	7.0	hilo				29.8	31.2	vf	2.61							2.61	nomo		4 mi SW of Hilo seismograph	VL 467, p. 9
3/27/40	7:27:00	19	28.0	155	37.0	mauna loa deep	28.8	28.8		37.7	47.4	vf	2.90							2.90	nomo			VL 467, p. 9
3/27/40	17:54:00	19	33.0	155	24.0	ml ner				19.7	21.7	vf	2.36							2.36	nomo		NE rift near ml seismograph	VL 467, p. 9
3/27/40	18:50:00	19	24.50	155	16.50	kl cal 0-5		2.0		2.9	3.5	vf	1.10							1.10	nomo			VL 467, p. 10
3/28/40	2:31:00	19	31.0	155	29.0	mauna loa deep	28.8	28.8		25.3	38.3	vf	2.75							2.75	nomo			VL 467, p. 10
4/3/40	14:49:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf	0.80							0.80	nomo		NE rim Kilauea crater	VL 468, p. 12
4/4/40	16:29:00	19	19.00	155	9.20	kl mer sf	12.8	12.8		17.0	21.3	vf	2.34							2.34	nomo			VL 468, p. 12
4/4/40	23:08:00	19	34.0	155	24.0	ml ner	9.6	9.6		21.0	23.1	vf	2.40							2.40	nomo			VL 468, p. 12
4/4/40	23:24:00	19	24.50	155	17.00	kl cal 0-5	1.4	1.4		3.4	3.7	vf	1.13							1.13	nomo			VL 468, p. 12
4/7/40	23:00:00																							Mauna Loa eruption begins in Mokuaweoweo
4/7/40	23:09:00	19	28.5	155	35.5	ml mok	5	5	35	35.2	35.6	vf	2.70							2.70	nomo		Mauna Loa summit crater [Mokuaweoweo]	VL 468, p. 12
4/7/40	23:21:00	19	28.5	155	35.5	ml mok	5	5	35	35.2	35.6	vf	2.70							2.70	nomo		Mauna Loa summit crater [Mokuaweoweo]	VL 468, p. 12
4/7/40	23:35:00	19	28.5	155	35.5	ml mok	5	5		35.2	35.6	vf	2.70							2.70	nomo		Mauna Loa summit crater [Mokuaweoweo]	VL 468, p. 12
4/7/40	23:38:00	19	28.5	155	35.5	ml mok	5	5		35.2	35.6	vf	2.70							2.70	nomo		Mauna Loa summit crater [Mokuaweoweo]	VL 468, p. 12
4/10/40	14:00:00	19	28.5	155	35.5	ml mok	5	5		35.2	35.6	vf	2.70							2.70	nomo		Mokuaweoweo	VL 468, p. 12
4/11/40	14:33:00	19	32.0	155	28.6	ml ner	16	16		25.4	30.0	vf	2.58							2.58	nomo			VL 468, p. 12
4/14/40	0:46:00	19	22.90	155	15.60	kl koae		2.0		5.5	5.8	vf	1.44							1.44	nomo			VL 468, p. 12
4/14/40	20:10:00	19	22.90	155	15.60	kl koae		2.0		5.5	5.8	vf	1.44							1.44	nomo			VL 468, p. 12
4/15/40	12:00:00	19	23.60	155	18.40	kl swr	6.7	6.7		6.4	9.3	vf	1.76							1.76	nomo			VL 468, p. 12
4/16/40	6:06:00	19	24.30	155	16.40	kl cal 0-5	1.0	1.0		3.2	3.3	vf	1.05							1.05	nomo			VL 468, p. 12
4/16/40	8:51:00	19	25.40	155	15.80	kl cal 0-5		2.0	2.0	0.9	2.2	vf	0.76							0.76	nomo		e rim Kilauea crater (Byron's ledge)	VL 468, p. 12
4/16/40	16:53:00	19	25.60	155	15.90	kl cal 0-5		2.0		0.6	2.1	f-felt	1.75							1.75	nomo	felt	felt sharply-hnp	VL 468, p. 12
4/20/40	17:06:00	19	23.20	155	15.60	kl koae		2.0	4.7	4.9	5.3	vf	1.38							1.38	nomo		bet Kokoolau and Ahua Kamokukolau	VL 468, p. 12
4/21/40	1:06:00	19	24.50	155	16.30	kl cal 0-5	0.6	0.6		2.8	2.8	vf	0.94							0.94	nomo			VL 468, p. 12
4/21/40	12:32:00	19	23.55	155	15.15	kl uer	8.0	8.0	4.2	4.4	9.1	vf	1.75							1.75	nomo		near Puhimau and Kokoolau	VL 468, p. 12
4/22/40	23:01:00	19	25.00	154	57.00	kl ler	8.0	8.0		32.8	33.8	vf	2.66							2.66	nomo			VL 468, p. 12
4/23/40	1:16:00	19	21.00	155	22.00	kl swr	19.2	10.0		14.3	17.5	vf	2.21							2.21	nomo			VL 468, p. 12
4/23/40	9:38:00	19	25.00	155	16.30	kl cal 0-5		2.0	2.5	2.0	2.8	vf	0.93							0.93	nomo		0.7 mi NE of Halemaumau seismograph	VL 468, p. 12
4/26/40	11:56:00	19	31.10	154	48.60	kl ler	24.0	10.0		48.5	49.6	f	3.95							3.95	nomo		ler near cape Kumukahi	VL 468, p. 12
5/5/40	10:13:00	20	0.0	155	15.0	mauna kea				63.3	63.9	vf-felt	3.11							3.11	nomo	II	felt-Laupahoehoe; Paauhau-2, single quick motion	numerals-in remarks column refer to HVO postcards]
5/5/40	20:47:00	19	58.0	155	7.0	mauna kea	24	24		61.5	66.0	vf-felt	3.13							3.13	nomo	II	off coast near; felt-Paauhau; Paauhau-2, single quick motion, similar to previous quake	numerals-in remarks column refer to HVO postcards]
5/10/40	12:37:00	19	28.0	155	35.5	ml mok	6	6		35.1	35.6	vf	2.70							2.70	nomo			VL 468, p. 12
5/17/40	5:41:00	19	4.5	155	29.5	hilea	5	5		46.5	46.7	vf	2.89							2.89	nomo			VL 468, p. 12
5/17/40	12:06:00	19	28.0	155	35.0	ml mok	5	5		34.2	34.6	vf	2.68							2.68	nomo			VL 468, p. 12
5/18/40	10:56:00	19	28.0	155	35.0	ml mok	5	5		34.2	34.6	vf	2.68							2.68	nomo			VL 468, p. 12
5/26/40	3:32:00					kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		e central Kilauea crater	VL 468, p. 12
5/27/40	2:10:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		Halemaumau	VL 468, p. 12
5/27/40	2:49:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 468, p. 12
5/28/40	23:12:00	19	22.80	155	19.50	kl swr deep?	16.0	10.0		8.8	13.3	vf	2.02							2.02	nomo			VL 468, p. 12
6/11/40	17:32:00	19	26.8	155	31.6	kaoiki	28.8	28.8		28.1	40.2	s-m (f-s?)	4.12	<4.27	<4.02					4.12	nomo	V	felt-Hookena, Kealakekua, hnp; Kealakekua-slight tremor followed by shake that dwindled away, dur 5 sec; Hookena-4, slight tremble followed by sharp shake, buildings shook, objects on shelves moved	feeble-slight?; shallower?; VL 468, p. 12; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/13/40	23:18:00	19	31.7	155	30.2	ml ner			28	27.7	29.2	vf	2.56							2.56	nomo		NE rift near Pukauahi	VL 468, p. 12
6/16/40	23:56:49	21	0.0	155	18.0	maui east				174.5	174.8	st	6.14	off scale	off scale			6.0	GUTE	6.00	gute	VI; V (S&C)	felt generally hi chain, particularly on Oahu, Maui, Hawaii; Warshauer notes: At least 2 sharp earthquakes felt in Honolulu; first lasted several sec, windows rattled, houses creaked; also Hilo, Maui, Molokai (articles off shelves); no damage	isoseismal map in W&K; VL 468, p. 12 [detailed felt report given]; HSB; HTH; HA, 6/17/1940; additional felt reports in HVO, unpub
6/17/40	0:04:00					maui east?				174.5	174.8							3.80	int	3.80	int	IV	Wailuku (Maui)-3, rattled windows	HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
6/17/40	0:14:00	21	0.0	155	18.0	maui east				174.5	174.8	s	5.37	lost in ms	lost in ms					5.37	nomo	IV	aftershock of 6/16/40 earthquake; Warshauer notes: slight shock, dur 2 sec; second slight quake; Kealakekua-very slight and very short; Hookena-2, dur 5 sec, sort of bubbling motion; (Maui)-4, shook windows	VL 468, p. 12; HSB; HTH, 6/17/1940; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/17/40	0:38:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo	IV	aftershock of 6/16/40 earthquake	VL 468, p. 12
6/17/40	0:40:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/17/40	1:48:00	19	22.50	155	15.50	kl koae	2.1	2.1		6.2	6.6	vf	1.53							1.53	nomo			VL 468, p. 13
6/17/40	3:28:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/17/40	7:47:00	21	0.0	155	18.0	maui east				174.5	174.8	m (feeble?)	4.82	4.59	4.72					4.65	hono	V (S&C)	aftershock of 6/16/40 earthquake; felt-Hawaii, Maui, Oahu; Warshauer notes: a moderate quake	Honolulu data average of two readings; nomogram agrees only if earthquake is "feeble"; error in VL?; VL 468, p. 12; HSB; HTH, 6/17/1940
6/17/40	11:20:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/17/40	11:28:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/17/40	12:13:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/17/40	12:39:00	21	0.0	155	18.0	maui east				174.5	174.8	s	5.37	5.42	5.00					5.20	hono	V (S&C); III (hamakua)	aftershock of 6/16/40 quake; felt-Hawaii, Maui, Oahu; Warshauer notes: another aftershock bet slight and moderate; Hakalau-moderate; Kealakekua-v slight shake of 2 sec dur, felt by few; Paauhau-3, 2 sec med vib, 2 lighter vibs; Wailuku-3, shook windows	VL 468, p. 12; HTH, 6/17/1940; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/17/40	15:47:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/17/40	16:27:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/17/40	17:04:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/18/40	11:52:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/19/40	12:20:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/19/40	13:54:00	19	16.00	155	14.10	kl kuer sf		10.0	18.0	18.5	21.0	f	3.35							3.35	nomo		seacoast near Keauhou landing	VL 468, p. 13
6/19/40	16:35:00	19	28.5	155	35.5	ml mok	5	5	35	35.2	35.6	vf	2.70							2.70	nomo		Mokuaweoweo	VL 468, p. 13
6/21/40	6:46:00	19	24.40	155	16.90	kl cal 0-5		2.0		3.5	4.0	vf	1.18							1.18	nomo			VL 468, p. 13
6/21/40	19:45:00	19	23.50	155	16.70	kl cal 0-5	1.0	1.0		4.7	4.8	vf	1.31							1.31	nomo			VL 468, p. 13
6/23/40	1:14:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/25/40	1:33:00	19	24.80	155	16.70	kl cal 0-5		2.0	3.0	2.7	3.3	vf	1.06							1.06	nomo		near center of Kilauea crater to NE of Halemaumau	VL 468, p. 13
6/26/40	8:44:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/26/40	10:15:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/26/40	10:21:00	21	0.0	155	18.0	maui east				174.5	174.8	vf	3.81							3.81	nomo		aftershock of 6/16/40 earthquake	VL 468, p. 12
6/28/40	19:54:00	21	0.0	155	18.0	maui east				174.5	174.8	f	4.55	4.15	3.72					3.99	hono		aftershock of 6/16/40 earthquake	VL 468, p. 12
7/1/40	16:23:00	19	24.90	155	16.20	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		e central Kilauea crater	VL 469, p. 5
7/4/40	15:55:00	20	4.9	154	42.2	mauna kea os				93.2	93.7	f	4.12	4.05	4.00					4.03	hono		40 mi NE of Hilo	VL 469, p. 5
7/6/40	2:54:00	19	22.00	155	15.40	kl koae	2.9	2.9		7.2	7.7	f	2.65							2.65	nomo			VL 469, p. 5
7/9/40	19:30:00	20	8.6	155	9.1	mauna kea os				80.0	80.6	f	4.61	4.78	4.78					4.78	hono		offshore 12 mi NE of Ookala	VL 469, p. 5
7/12/40	10:14:00	19	32.3	155	26.0	ml ner				21.7	23.5	vf	2.41							2.41	nomo		NE rift near Puu Kulua	VL 469, p. 5
7/14/40	0:39:00	20	54.0	155	8.0	maui east				163.9	164.2	vf	3.76							3.76	nomo		foreshock of 7/15/40 earthquake	VL 469, p. 5
7/14/40	22:40:00	20	54.0	155	8.0	maui east				163.9	164.2	vf	3.76							3.76	nomo		foreshock of 7/15/40 earthquake	VL 469, p. 5
7/15/40	16:48:00	20	54.0	155	8.0	maui east				163.9	164.2	m	5.82	5.90	5.91			5.6	GUTE	5.90	hono	V; V (S&C)	mainshock: felt-all islands ex Kauai; Warshauer notes: strong at Kohala, lasting for 30 sec; slight in Hilo, felt by many; Paauhau-3, single brief very noticeable vibration; Ulupalakua (Maui)-light shock, dur 20 sec, visible bouncing of bed mattresses	W&K report M 5.5-not derived from felt area; VL 469, p. 5; HTH, 7/16/1940; HA, 7/18/1940; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/15/40	21:13:00	20	54.0	155	8.0	maui east				163.9	164.2	vf-felt	4.51	4.52	4.52					4.52	hono	II	aftershock of 7/15/40 earthquake; felt-Paauhau, Maui (Ulupalakua); Ulupalakua (Maui)-extremely slight, horizontal e-w motion, double shake with half sec separation; Paauhau-2, single vibration, brief and very weak	VL 469, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/16/40	15:48:00	20	54.0	155	8.0	maui east				163.9	164.2	vf	3.76							3.76	nomo		aftershock of 7/15/40 earthquake	VL 469, p. 5
7/19/40	7:42:00	20	2.0	155	50.0	kohala os				90.2	90.6	vf-felt	3.35							3.35	nomo	felt	offshore near Kawaihae bay; felt-Kohala	VL 469, p. 5
7/24/40	10:50:00	19	25.60	155	17.00	kl cal 0-5		2.0		2.4	3.1	vf	1.01							1.01	nomo			VL 469, p. 5
7/26/40	3:49:00	19	18.80	155	8.80	kl mer sf		10.0	18.0	17.8	20.4	vf	2.31							2.31	nomo		Hilina fault s of Puaialua	VL 469, p. 5
7/26/40	4:24:00	19	18.50	155	14.60	kl kuer sf	12.8	12.8		13.8	18.8	f	3.27							3.27	nomo			VL 469, p. 5
7/26/40	4:26:00	19	18.50	155	14.60	kl kuer sf	12.8	12.8		13.8	18.8	vf	2.26							2.26	nomo			VL 469, p. 5
7/26/40	5:34:00	19	17.00	155	15.00	kl kuer sf		10.0		16.5	19.3	vf	2.27							2.27	nomo			VL 469, p. 5
7/26/40	11:52:00	19	16.30	155	9.00	kl kuer sf	17.6	17.6		21.2	27.6	f	3.54							3.54	nomo			VL 469, p. 5
8/1/40	13:49:00	19	27.0	155	31.6	kaoiki	9.6	9.6		28.1	29.7	vf	2.57							2.57	nomo			VL 469, p. 5
8/5/40	3:27:00	19	25.70	155	15.50	kl cal 0-5	0.6	0.6		0.4	0.7	s-felt	1.56							1.56	nomo	felt	felt-hnp	VL 469, p. 5
8/5/40	7:31:00	19	25.50	155	15.50	kl cal 0-5		2.0		0.7	2.1	f-felt	1.76							1.76	nomo	felt	felt-hnp	VL 469, p. 5

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/7/40	5:51:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		Mokuaweoweo	VL 469, p. 5
8/10/40	13:44:00	19	25.20	155	16.50	kl cal 0-5	4.8	4.8		1.9	5.2	vf	1.36							1.36	nomo			VL 469, p. 5
8/10/40	17:34:00	19	12.00	155	20.60	kl swr sf	19.2	19.2		27.1	33.2	vf	2.65							2.65	nomo			VL 469, p. 5
8/12/40	22:04:00					hilea			36	36.0	37.1	vf	2.73							2.73	nomo		Pahala toward seacoast	VL 469, p. 5
8/14/40	14:32:00	19	40.0	155	45.0	hualalai deep	40	40		57.8	70.3	vf	3.17							3.17	nomo		mok eruption end 8/14/40 14:32	VL 469, p. 5
8/16/40	23:27:00	20	54.0	155	8.0	maui east				163.9	164.2	vf	3.76							3.76	nomo		aftershock of 7/15/40 earthquake	VL 469, p. 5
8/18/40																								Mauna Loa eruption ends; VL 469, p. 4
8/27/40	14:35:00	20	54.0	155	8.0	maui east				163.9	164.2	vf	3.76							3.76	nomo		aftershock of 7/15/40 earthquake	VL 469, p. 5
8/30/40	5:02:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 469, p. 5
8/30/40	13:09:00	19	24.60	155	17.80	kl cal 0-5	3.8	3.8		4.4	5.8	vf	1.44							1.44	nomo			VL 469, p. 5
8/30/40	17:33:00	19	24.60	155	15.70	kl cal 0-5		2.0		2.3	3.1	vf	1.00							1.00	nomo			VL 469, p. 5
8/30/40	18:35:00	19	24.80	155	15.80	kl cal 0-5	0.6	0.6		2.0	2.1	vf	0.72							0.72	nomo			VL 469, p. 5
8/31/40	18:18:00	19	17.50	155	21.00	kl swr sf		10.0	21.0	18.1	20.7	vf	2.32							2.32	nomo			VL 469, p. 5
9/1/40	4:53:00	19	23.90	155	16.10	kl cal 0-5		2.0	3.0	3.7	4.2	vf	1.22							1.22	nomo		se rim Kilauea crater	VL 469, p. 5
9/1/40	15:02:00	19	24.50	155	16.70	kl cal 0-5	0.8	0.8		3.1	3.2	vf	1.03							1.03	nomo			VL 469, p. 5
9/1/40	22:15:00	21	0.0	155	16.0	maui east				174.5	174.7	m	5.62	5.58	5.20			5.6	GUTE	5.39	hono	IV (S&C); V (USE)	felt generally Hawaii island	W&K report M 5.5-not derived from felt area; VL 469, p. 5; not found in HTH
9/2/40	1:43:00	19	24.70	155	16.60	kl cal 0-5		2.0		2.7	3.4	vf	1.06							1.06	nomo			VL 469, p. 6
9/2/40	17:12:00	19	18.50	155	13.30	kl kuer sf	20.8	10.0		14.3	17.4	f	3.22							3.22	nomo			VL 469, p. 6
9/4/40	4:02:00	19	22.90	155	15.75	kl koae		2.0	6.0	5.5	5.8	vf	1.44							1.44	nomo		1.5 mi w of devil's throat	VL 469, p. 6
9/4/40	11:48:00	19	17.80	155	18.30	kl swr sf		10.0	21.0	15.6	18.6	vf	2.25							2.25	nomo		Hilina fault 4 mi se of Kamakaia hills	VL 469, p. 6
9/4/40	22:44:00	19	22.45	155	15.45	kl koae		2.0	7.0	6.3	6.6	vf	1.53							1.53	nomo		1.3 mi NE of Puu Ohale	VL 469, p. 6
9/5/40	1:07:00	19	22.50	155	13.70	kl uer		2.0	7.0	7.1	7.4	vf	1.61							1.61	nomo		near Pauahi	VL 469, p. 6
9/5/40	3:11:00	19	32.0	155	29.2	ml ner				26.4	27.9	vf	2.53							2.53	nomo		NE rift bet Pukauahi and Puu Ulaula	VL 469, p. 6
9/5/40	10:09:00	19	24.10	155	15.10	kl uer	1.3	1.3		3.4	3.6	f	2.13							2.13	nomo			VL 469, p. 6
9/6/40	9:09:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf	0.80							0.80	nomo		NE rim Kilauea crater	VL 469, p. 6
9/6/40	14:01:00	19	28.40	155	13.80	kl gln		2.0	5.6	5.7	6.1	vf	1.47							1.47	nomo		3.5 mi NW of HVO	VL 469, p. 6
9/6/40	22:24:00	19	24.00	155	16.50	kl cal 0-5		2.0		3.7	4.2	f	2.24							2.24	nomo			VL 469, p. 6
9/9/40	10:09:00	19	23.80	155	16.90	kl cal 0-5		2.0	4.0	4.4	4.8	vf	1.31							1.31	nomo		0.7 mi s of Halemaumau seismograph	VL 469, p. 6
9/10/40	15:03:00	19	21.60	155	16.00	kl koae	2.7	2.7		7.9	8.4	vf	1.69							1.69	nomo			VL 469, p. 6
9/12/40	9:59:00	19	24.30	155	15.80	kl cal 0-5	2.1	2.1		2.9	3.6	vf	1.10							1.10	nomo			VL 469, p. 6
9/12/40	10:07:00	19	24.90	155	15.90	kl cal 0-5		2.0		1.8	2.7	vf	0.91							0.91	nomo			VL 469, p. 6
9/12/40	16:31:00	19	28.40	155	17.60	kl gln	2.4	2.4		5.8	6.3	f-felt	2.51							2.51	nomo	felt	felt-hnp	VL 469, p. 6
9/14/40	17:25:00	19	24.00	155	17.80	kl cal 05-10	8.0	8.0		5.1	9.5	f	2.80							2.80	nomo			VL 469, p. 6
9/16/40	6:06:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		Halemaumau	VL 469, p. 6
9/17/40	21:35:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		Halemaumau	VL 469, p. 6
9/18/40	3:24:00					kl cal 0-5		2.0	4.0	4.0	4.5	vf	1.26							1.26	nomo		s Kilauea crater	VL 469, p. 6
9/20/40	10:29:00	20	54.0	155	8.0	maui east				163.9	164.2	vf	3.76							3.76	nomo		aftershock of 7/15/40 earthquake	VL 469, p. 6; not found in HTH
9/21/40	17:18:00	19	17.70	155	18.50	kl swr sf	18.5	10.0		15.9	18.8	f	3.27							3.27	nomo			VL 469, p. 6
9/24/40	12:56:00	19	23.0	155	32.0	kaoiki	8	8		29.2	30.3	vf	2.59							2.59	nomo			VL 469, p. 6
9/26/40	18:14:00	19	23.0	155	32.0	kaoiki	8	8		29.2	30.3	vf	2.59							2.59	nomo			VL 469, p. 6
9/26/40	18:47:00					kilauea		3.0		8.0	8.5	s	3.27							3.27	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 469, p. 6
9/27/40	0:21:00	19	25.10	155	16.40	kl cal 0-5	4.8	4.8		1.9	5.2	vf	1.36							1.36	nomo			VL 469, p. 6
9/27/40	11:14:00	19	24.50	155	17.20	kl cal 0-5		2.0		3.7	4.2	vf	1.22							1.22	nomo			VL 469, p. 6
10/7/40	5:19:00	19	25.60	155	15.80	kl cal 0-5		2.0		0.5	2.1	f	1.74							1.74	nomo			VL 470, p. 3
10/11/40	11:34:00	19	31.7	155	30.2	ml ner				27.7	29.2	vf	2.56							2.56	nomo		NE rift near Pukauahi	VL 470, p. 3
10/16/40	15:03:00	19	39.0	155	7.5	hilo				28.3	29.7	vf	2.57							2.57	nomo		NE rift 5 mi SW of Hilo	VL 470, p. 3
10/22/40	3:17:00	19	17.40	155	19.00	kl swr sf		10.0	18.5	16.7	19.5	f	3.30							3.30	nomo		Hilina fault 3.5 mi se of Kamakaia hills	VL 470, p. 3
10/26/40	19:57:00	19	31.0	155	26.5	kaoiki	8	8		21.3	22.8	s-felt	3.95							3.95	nomo	felt	felt-Pahala, hnp	VL 470, p. 3
10/28/40	21:27:00	19	20.00	155	16.00	kl cal deep	24.0	24.0		10.9	26.3	f-felt	3.51							3.51	nomo	II	felt-Hilo; Hilo-2	VL 470, p. 3; HVO unpub
11/3/40	4:36:00	19	15.60	155	24.90	kl swr		5.0	24.0	25.0	25.5	vf	2.47							2.47	nomo		SW rift 15 mi from HVO	VL 470, p. 3
11/4/40	11:03:00	19	17.40	155	19.00	kl swr sf		10.0	18.5	16.7	19.5	vf	2.28							2.28	nomo		Hilina fault 3.5 mi se (SW in VL cannot be correct) of Kamakaia hills	VL 470, p. 3
11/6/40	5:54:00	19	19.50	155	5.00	kl mer sf	8.0	8.0		22.1	23.5	vf-felt	2.41							2.41	nomo	II	Hilo-2, very slight	VL 470, p. 3; HVO unpub
11/8/40	17:54:00					kaoiki?			12	12.0	15.0	t; vf (ml)	1.78							1.78	nomo			VL 470, p. 4
11/12/40	13:53:00					kaoiki?			12	12.0	15.0	t; vf (ml)	1.78							1.78	nomo			VL 470, p. 4
11/16/40	20:17:00					kaoiki?			12	12.0	15.0	t; vf (ml)	1.78							1.78	nomo			VL 470, p. 4
11/18/40	6:35:00	19	23.90	155	16.40	kl cal 0-5		2.0		3.9	4.3	vf	1.24							1.24	nomo			VL 470, p. 3
11/22/40	5:33:00					ml ner			28.5	28.5	29.9	vf	2.58							2.58	nomo			VL 470, p. 3
11/24/40	11:26:00	19	19.00	155	6.80	kl mer sf		10.0	16.0	20.1	22.5	vf	2.38							2.38	nomo		Hilina fault se of Makaopuhi crater	VL 470, p. 3
11/25/40	7:34:00	19	25.00	155	16.70	kl cal 0-5	3.2	3.2		2.4	4.0	vf	1.18							1.18	nomo			VL 470, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
11/25/40	16:59:00					kaoiki?			5	5.0	10.3	t; f-ml	2.53							2.53	nomo			VL 470, p. 4
11/27/40	22:12:00					mauna kea?			75	75.0	75.5	t-felt	2.75							2.75	nomo	II	felt-Paauhau; Paauhau-2, one brief vibration	numerals-in remarks column refer to HVO postcards]
11/30/40	9:52:00					ml mok	5	5	35	35.0	35.4	vf	2.70							2.70	nomo			VL 470, p. 4
12/8/40	5:48:00					kl mer??		5.0	12.0	12.0	13.0	vf-felt	2.00							2.00	nomo	II	east rift se of Makaopuhi crater; Hookena-2 [location and felt report/magnitude don't agree]	VL 470, p. 4; HVO unpub
12/9/40	1:21:00	19	23.80	155	17.10	kl cal 0-5	2.1	2.1		4.6	5.0	vf	1.34							1.34	nomo			VL 470, p. 4
12/9/40	6:51:00					kona?			67	67.0	67.6	t-felt	2.67							2.67	nomo	felt	felt-Hookena	VL 470, p. 4
12/9/40	8:27:00	19	24.10	155	17.20	kl cal 0-5	2.7	2.7		4.2	5.0	vf	1.34							1.34	nomo			VL 470, p. 4
12/9/40	13:24:00	19	24.50	155	16.70	kl cal 0-5	1.1	1.1		3.1	3.3	vf	1.05							1.05	nomo			VL 470, p. 4
12/9/40	17:05:00	19	24.00	155	17.00	kl cal 0-5		2.0	4.0	4.2	4.6	vf	1.28							1.28	nomo		s rim of Kilauea crater near Halemaumau	VL 470, p. 4
12/9/40	19:35:00	19	23.70	155	18.00	kl cal 0-5		2.0	5.0	5.7	6.1	vf	1.47							1.47	nomo		SW rift 1 mi SW of Halemaumau	VL 470, p. 4
12/11/40	9:02:00	19	24.00	155	18.40	kl swr	1.0	1.0		5.9	6.0	f	2.48							2.48	nomo			VL 470, p. 4
12/12/40	9:52:00	19	30.0	155	13.0	kaoiki	19.2	19.2		9.0	21.2	vf	2.34							2.34	nomo			VL 470, p. 4
12/15/40	15:26:00	19	49.0	155	29.0	mauna kea deep	64	64		48.9	80.5	vf	3.27							3.27	nomo			VL 470, p. 4
12/19/40	13:00:00	19	31.0	155	32.0	ml mok	5	5		30.3	30.7	vf	2.60							2.60	nomo			VL 470, p. 4
12/20/40	2:48:00	19	18.30	155	11.50	kl cal deep	28.8	28.8		15.8	32.9	vf	2.64							2.64	nomo			VL 470, p. 4
12/20/40	3:26:00	19	18.00	155	16.50	kl cal deep	24.0	24.0		14.6	28.1	vf	2.54							2.54	nomo			VL 470, p. 4
1/15/41	7:45:00	19	23.00	155	14.60	kl uer	1.3	1.3		5.6	5.8	vf	1.44							1.44	nomo			VL 471, p. 4
1/17/41	7:30:00	19	40.3	156	3.5	hualalai	22.4	22.4		88.2	91.0	s-felt	4.91	4.77	3.93					4.77	hono	VI	felt strongly Puu waawaa; also, Kailua, Hookena, Hilo; Puu waa waa ranch-6, buildings shook quite hard, some objects fell off shelves; Hookena-2, building shaken; Waimea-rattled windows, dur 15 sec	VL 471, p. 4; not found in HTH; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/18/41	9:34:00	20	12.3	155	13.2	mauna kea os				86.2	86.6	f	4.33	4.62	4.44					4.53	hono		15 mi n of Papaaloa near earthquakes of summer 1940	VL 471, p. 4; not found in HTH
1/19/41	18:20:00	19	25.5	155	27.8	kaoiki	17.6	17.6		21.3	27.7	vf	2.53							2.53	nomo			VL 471, p. 4
1/20/41	23:01:00	19	24.70	155	15.00	kl cal 05-10		6.4	2.7	2.4	6.9	vf	1.56							1.56	nomo		0.3 mi s of s rim of Kilauea Iki	VL 471, p. 4
1/21/41	2:15:00	19	15.00	155	23.50	kl swr sf		10.0	21.0	24.4	26.4	vf	2.49							2.49	nomo		SW rift near Hilina fault	VL 471, p. 4
1/21/41	19:24:00	19	33.0	155	28.0	ml ner	16	16		25.4	30.0	vf	2.58							2.58	nomo			VL 471, p. 4
1/22/41	3:26:00	19	28.5	155	35.5	ml mok	5	5		35.2	35.6	vf	2.70							2.70	nomo		Mokuaweoweo	VL 471, p. 4
1/25/41	3:56:00	19	41.0	156	1.0	hualalai	24	24		84.5	87.8	vf-felt	3.33							3.33	nomo	IV	felt-Kailua, Kealakekua; Kealakekua-5, one sharp shake, no preliminary tremors and no aftershocks; Hookena-2, building shook	VL 471, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/26/41	8:42:00	19	33.0	155	22.2	ml ner				17.5	19.7	vf	2.29							2.29	nomo		NE rift 3.5 mi NE of Puu Kulua	VL 471, p. 4
2/3/41	14:08:00	19	25.0	155	20.0	kaoiki	22.4	22.4		7.8	23.7	f-felt	3.43							3.43	nomo	III	felt-Pahala; Pahala-4	numerals-in remarks column refer to HVO postcards]
2/8/41	9:19:00	20	10.2	155	0.0	mauna kea os				86.7	87.1	f	4.34	4.56	4.69					4.62	hono			VL 471, p. 4; not found in HTH
2/11/41	21:56:00	20	34.0	154	49.0	kohala os				134.7	135.0	f	4.37	4.13	4.01					4.07	hono			VL 471, p. 4
2/13/41	12:05:00					kl mer sf		10.0	30.0	30.0	31.6	vf	2.62							2.62	nomo		e rift near Kalapana	VL 471, p. 4
2/18/41	11:53:00	19	41.0	155	39.0	mauna loa deep	48	48		49.7	69.1	s	4.72	4.56	4.56					4.56	hono			VL 471, p. 4; not found in HTH
2/20/41	0:48:00	19	18.70	155	22.00	kl koae		2.0	17.0	17.3	17.4	vf	2.20							2.20	nomo		8.5 mi SW of Kilauea crater near Kamakaia hills	VL 471, p. 4
3/1/41	12:16:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		Mokuaweoweo	VL 471, p. 4
3/1/41	15:46:00	19	33.1	155	13.6	ml ner				13.9	16.6	vf	2.17							2.17	nomo		NE rift 15 mi from Hilo	VL 471, p. 4
3/4/41	0:37:00	19	20.40	155	7.30	kl mer sf		10.0	20.0	17.8	20.5	vf	2.32							2.32	nomo		Hilina fault 7 mi w of Kalapana	VL 471, p. 4
3/6/41	16:28:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf-felt	1.54							1.54	nomo	III	base of NE rim Kilauea crater; sharply felt-hnp	VL 471, p. 5
3/8/41	9:14:00	19	15.00	155	23.50	kl swr sf		10.0	21.0	24.4	26.4	vf	2.49							2.49	nomo		SW rift near junction w Hilina fault	VL 471, p. 5
3/13/41	12:49:00	19	18.00	155	11.70	kl kuer sf		10.0	13.5	16.1	19.0	vf	2.26							2.26	nomo		Hilina fault n of Apua pt	VL 471, p. 5
3/22/41	17:54:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf	0.80							0.80	nomo		NE rim Kilauea crater	VL 471, p. 5
3/25/41	17:57:00	19	8.4	155	30.5	hilea				41.6	42.5	vf	2.82							2.82	nomo		near Punaluu	VL 471, p. 5
3/30/41	12:54:00	19	24.10	155	18.30	kl swr		2.6		5.7	6.2	vf	1.49							1.49	nomo			VL 471, p. 5
3/30/41	15:42:00	20	0.8	155	7.3	mauna kea deep	32	32		66.4	73.7	vf	3.21							3.21	nomo			VL 471, p. 5
3/30/41	18:54:00	20	0.8	155	7.3	mauna kea deep	32	32		66.4	73.7	vf	3.21							3.21	nomo			VL 471, p. 5
3/30/41	21:23:00	20	0.8	155	7.3	mauna kea deep	32	32		66.4	73.7	vf	3.21							3.21	nomo			VL 471, p. 5
3/30/41	23:48:00	20	0.8	155	7.3	mauna kea deep	32	32		66.4	73.7	vf	3.21							3.21	nomo			VL 471, p. 5
4/3/41	10:25:00	19	32.0	155	28.0	ml ner				24.5	26.1	vf	2.48							2.48	nomo		NE rift near Puu Ulaula	VL 472, p. 3
4/6/41	5:22:00	19	38.1	155	19.3	mauna loa deep	32	32		23.6	39.7	vf	2.78							2.78	nomo	III	Hilo-3	numerals-in remarks column refer to HVO postcards]
4/6/41	5:51:00	19	35.5	155	20.3	mauna loa deep	28.8	28.8		19.6	34.9	vf-felt	3.02							3.02	nomo	felt	felt-volcano	VL 472, p. 3
4/20/41	1:17:00	19	23.70	155	18.30	kl swr		3.7		6.1	7.2	vf	1.59							1.59	nomo			VL 472, p. 3
4/20/41	1:34:00	19	23.70	155	18.30	kl swr		3.7		6.1	7.2	vf	1.59							1.59	nomo			VL 472, p. 3
4/20/41	2:40:00	19	23.70	155	18.30	kl swr		3.7		6.1	7.2	s	3.15							3.15	nomo			VL 472, p. 3
4/20/41	3:33:00	19	23.70	155	18.30	kl swr		3.7		6.1	7.2	vf	1.59							1.59	nomo			VL 472, p. 3
4/20/41	3:51:00	19	24.00	155	17.90	kl swr		3.0	6.0	5.2	6.0	vf	1.47							1.47	nomo		SW rift 0.9 mi from cone peak at 3729 ft BM	VL 472, p. 3
4/20/41	4:47:00	19	24.60	155	18.50	kl swr		3.0	6.0	5.5	6.3	vf	1.49							1.49	nomo		do	VL 472, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/20/41	10:46:00	19	23.90	155	16.00	kl cal deep	1.6	25.0		3.7	25.3	m	4.52	4.58	4.47					4.53	hono	IV	felt-hnp, Kau, Kona, Hilo; Warshauer notes: A moderate earthquake felt throughout East Hawaii dismantled instruments at HVO and Halemaumau; felt duration about 30 sec; occurred at 11:46 a.m. [time off?], preceded by a series of lesser quakes	VL 472, p. 3; HTH, 4/21/1941; see HVO unpub for additional felt reports
4/22/41	6:04:00					unknown						vf											origin indeterminate	VL 472, p. 3
4/24/41	19:09:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99							0.99	nomo		central Kilauea crater	VL 472, p. 3
4/25/41	14:23:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99							0.99	nomo		do	VL 472, p. 3
4/25/41	14:36:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99							0.99	nomo		do	VL 472, p. 3
4/26/41	8:17:00	19	33.5	155	15.9	kaoiki				14.2	16.8	vf	2.18							2.18	nomo		e flank Mauna Loa 8.5 mi n of HVO	VL 472, p. 3
4/26/41	16:10:00	19	25.10	155	16.90	kl cal 0-5	1.4	1.4		2.6	2.9	f	1.98							1.98	nomo			VL 472, p. 3
4/26/41	19:13:00	19	34.0	155	20.0	ml ner				16.9	19.2	vf-felt	3.01							3.01	nomo	IV	NE rift midway between Hilo and Mokuaweoweo; felt-Hilo; Hilo-felt, windows rattled	numerals-in remarks column refer to HVO postcards]
4/27/41	3:08:00	19	24.40	155	16.10	kl cal 0-5	2.6	2.6		2.8	3.8	vf	1.15							1.15	nomo			VL 472, p. 3
4/27/41	4:47:00	19	24.40	155	16.10	kl cal 0-5	1.4	1.4		2.8	3.1	vf	1.01							1.01	nomo			VL 472, p. 3
4/27/41	7:16:00	19	25.00	155	16.30	kl cal 0-5	1.6	1.6		2.0	2.5	vf	0.86							0.86	nomo			VL 472, p. 3
4/27/41	9:12:00	19	25.40	155	15.00	kl cal 0-5		2.0	1.0	1.4	2.5	vf	0.84							0.84	nomo		n of Kilauea Iki	VL 472, p. 3
4/28/41	1:04:00					unknown						vf											origin indeterminate	VL 472, p. 3
4/29/41	7:08:00	19	24.70	155	17.80	kl cal 0-5	1.6	1.6		4.3	4.6	vf	1.28							1.28	nomo			VL 472, p. 3
4/30/41	10:20:00	19	24.20	155	17.20	kl cal 0-5	1.3	1.3		4.1	4.3	vf	1.23							1.23	nomo			VL 472, p. 3
5/1/41	9:03:00	19	20.2	155	24.3	kaoiki				18.5	20.5	vf	2.32							2.32	nomo			VL 472, p. 3
5/1/41	20:43:00					kl cal deep		30.0	5.0	5.0	30.4	vf	2.59							2.59	nomo		Kilauea crater	VL 472, p. 3
5/2/41	10:53:00	19	33.3	155	20.0	ml ner				15.8	18.1	vf	2.23							2.23	nomo			VL 472, p. 3
5/6/41	1:46:00	19	31.6	155	31.5	ml ner	12	12		29.8	32.1	vf	2.63							2.63	nomo			VL 472, p. 3-4
5/9/41	4:34:00	19	27.5	155	27.6	mauna loa deep	44.8	44.8		21.2	49.6	f	3.95							3.95	nomo			VL 472, p. 4
5/9/41	15:23:00	19	29.0	155	36.3	mauna loa deep	24	24		36.7	43.9	vf	2.85							2.85	nomo			VL 472, p. 4
5/12/41	5:10:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea-location indeterminate	VL 472, p. 4
5/13/41	3:47:00	19	34.00	154	30.50	kl ler os		5.0	80.0	80.8	80.9	vf	3.27							3.27	nomo		50 mi from HVO off se shore, prob on extension of Puna rift	VL 472, p. 4
5/20/41	3:10:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	vf	0.80							0.80	nomo		NE rim Kilauea crater	VL 472, p. 4
5/21/41	20:20:00	19	24.10	155	17.70	kl cal 0-5	1.6	1.6		4.8	5.1	vf	1.35							1.35	nomo			VL 472, p. 4
5/22/41	13:59:00	19	25.20	155	17.40	kl cal 05-10	8.0	8.0		3.3	8.7	vf	1.72							1.72	nomo			VL 472, p. 4
5/22/41	14:49:00	19	24.90	155	16.80	kl cal 0-5	4.3	4.3		2.7	5.1	vf	1.35							1.35	nomo			VL 472, p. 4
5/23/41	2:06:00					east hawaii																III	Hilo-waked two persons	not in VL; date and time from felt report (HVO unpub)
5/23/41	8:25:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		Halemaumau	VL 472, p. 4
5/23/41	21:45:00	19	24.10	155	18.30	kl cal deep?	1.3	30.0		5.7	30.5	vf-felt	3.34							3.34	nomo	II	felt by few-volcano, Hilo; Hilo-2, quake seemed to travel from SSW to NE	greater depth assigned to better fit felt report; VL 472, p. 4; HVO unpub
5/24/41	11:10:00					kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		n Kilauea crater	VL 472, p. 4
5/25/41	18:30:00	19	25.80	155	14.90	kl cal 10-20?	6.4	15.0		1.3	15.1	vf-felt	2.85							2.85	nomo	II	felt-Hilo; Hilo-2	greater depth assigned to better fit felt report; VL 472, p. 4; HVO unpub
5/26/41	1:49:00	19	24.50	155	17.30	kl cal 0-5	1.1	1.1		3.8	4.0	vf	1.18							1.18	nomo			VL 472, p. 4
6/3/41	17:35:00	19	24.50	155	17.00	kl cal 0-5	1.6	1.6		3.4	3.8	vf	1.15							1.15	nomo			VL 472, p. 4
6/4/41	7:36:00	19	24.20	155	17.10	kl cal 0-5		2.0	4.0	4.0	4.5	vf	1.26							1.26	nomo		s of Halemaumau	VL 472, p. 4
6/5/41	16:40:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea-location indeterminate	VL 472, p. 4
6/8/41	18:39:00	19	42.7	155	7.5	hilo	20.8	20.8		34.3	40.2	vf-felt	2.78							2.78	nomo	III	felt-Hilo; Hilo-3	numerals-in remarks column refer to HVO postcards]
6/12/41	21:59:00	19	39.20	154	42.50	kl ler deep	27.2	27.2		63.3	68.9	vf	3.16							3.16	nomo			VL 472, p. 4
6/14/41	13:33:00	19	25.8	155	26.1	kaoiki				18.3	20.4	vf	2.31							2.31	nomo		e flank Mauna Loa halfway bet Mokuaweoweo and Kilauea crater	VL 472, p. 4
6/16/41	20:34:00	19	32.3	155	26.0	ml ner				21.7	23.5	vf	2.41							2.41	nomo		NE rift near Puu Kulua	VL 472, p. 4
6/24/41	11:22:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea-location indeterminate	VL 472, p. 4
6/25/41	2:35:00	19	28.9	155	21.6	kaoiki	3.3	3.3		11.9	12.3	f	2.98							2.98	nomo			VL 472, p. 4
6/25/41	22:54:00	19	23.70	155	18.60	kl swr	2.1	2.0		6.5	6.8	vf	1.55							1.55	nomo			VL 472, p. 4
6/29/41	6:48:00	19	34.5	155	26.1	ml ner	12.8	12.8		24.4	27.5	f-felt	3.54							3.54	nomo	felt	felt-volcano	VL 472, p. 4
6/29/41	8:29:00	19	31.7	155	26.3	ml ner	11.2	11.2		21.6	24.3	f	3.45							3.45	nomo			VL 472, p. 4
7/2/41	1:11:00	19	32.9	155	27.1	ml ner	7.7	7.7		24.0	25.2	vf	2.46							2.46	nomo		NE rift 1 mi NE of Puu Ulaula	VL 473, p. 2
7/8/41	10:14:00	19	25.60	155	15.50	kl cal 0-5	1.1	1.1	1.0	0.6	1.2	s-felt	1.93							1.93	nomo	III	felt by many at hnp; NE rim Kilauea crater at junction of Waldron's and Byron's ledges	VL 473, p. 2
7/8/41	20:02:00	19	25.60	155	15.50	kl cal 0-5	1.1	1.1	1.0	0.6	1.2	s-felt	2.18							2.18	nomo	felt	do; stronger than preceding quake	VL 473, p. 2
7/9/41	15:25:00	19	26.00	155	16.30	kl cal 0-5		2.0	1.0	1.2	2.3	vf	0.80							0.80	nomo		NE rim Kilauea crater near HVO	VL 473, p. 2
7/9/41	17:53:00	19	31.6	155	18.0	ml ner				11.4	14.5	vf	2.08							2.08	nomo		NE rift 19 or 20 mi from Hilo	VL 473, p. 2
7/11/41	21:30:00					hilo deep		40	35	35.0	53.2	vf	2.98							2.98	nomo		NE rift near Hilo	VL 473, p. 2
7/12/41	17:46:00	19	24.10	155	17.10	kl cal 0-5	1.6	1.6	4.0	4.1	4.4	vf	1.25							1.25	nomo		SW rim Kilauea crater 0.5 mi from Halemaumau center	VL 473, p. 2

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
7/14/41	2:40:00	19	17.80	155	18.50	kl swr sf		10.0	21.5	15.7	18.7	vf	2.25								2.25	nomo		Hilina fault 4 mi s of Kamakaia hills	VL 473, p. 2
7/15/41	15:45:00					hualalai					70.0	t?-felt	2.70								2.70	nomo	IV	Puu waawaa ranch-4, shook buildings	not separately reported in VL 473, apparently weaker than very feeble; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/16/41	4:25:00					hualalai deep	29.6	29.6	76	76.0	81.6	vf-felt	3.28								3.28	nomo	V	just n of Akahipuu on w slope of Hualalai; felt-Kona; Puu waawaa ranch-6, felt by everyone in Kona, shook buildings hard	VL 473, p. 2; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/17/41	5:16:00	19	24.90	155	16.50	kl cal 0-5		2.0	3.0	2.3	3.1	vf	0.99								0.99	nomo		central Kilauea crater	VL 473, p. 2
7/18/41	5:21:00	19	34.1	155	20.1	ml ner	9.6	9.6	15	17.1	19.7	vf	2.29								2.29	nomo		1 mi n of Kiipu cone	VL 473, p. 2
7/19/41	7:44:00	19	31.6	155	18.0	ml ner	12.8	12.8		11.4	17.1	f-felt	3.21								3.21	nomo	II	NE rift 20 mi from Hilo; felt-Hilo; Hilo-2, 2 short jolts, felt by one on Hilo side of river	numerals-in remarks column refer to HVO postcards]
7/21/41	13:20:00	19	33.2	155	24.1	ml ner	12.8	12.8		20.1	23.9	vf	2.42								2.42	nomo		NE rift 4-5 mi from Puu Ulaula	VL 473, p. 3
7/25/41	13:31:00	19	24.1	155	21.2	kaoiki	4.6	4.6		10.3	11.3	vf	1.90								1.90	nomo		Kaoiki fault 3.3 mi w of 3913 BM on Kilauea SW rim	VL 473, p. 3
7/28/41	3:07:00	19	21.60	155	15.90	kl koae		2.0	8.5	7.9	8.2	vf	1.68								1.68	nomo		1.1 mi ENE of Ohale	VL 473, p. 3
7/28/41	7:31:00	19	28.5	155	37.0	ml mok	24	24		37.8	44.8	vf	2.86								2.86	nomo		1.2 mi w of Mokuaweoweo	VL 473, p. 3
7/28/41	8:32:00	19	28.5	155	35.5	ml mok	15	15		35.2	38.3	vf	2.75								2.75	nomo		Mokuaweoweo	VL 473, p. 3
7/30/41	17:14:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.11	nomo		Kilauea crater	VL 473, p. 3
8/1/41	5:50:00	19	17.70	155	12.50	kl kuer sf	14.4	10.0	16.0	16.1	19.0	vf-felt	3.01								3.01	nomo	felt	Hilina fault 3 mi NW of Apua pt; felt-Hilo	VL 473, p. 3
8/2/41	7:56:00	19	25.40	155	16.00	kl cal 0-5	1.6	1.6	2.0	1.0	1.9	vf	0.67								0.67	nomo		Kilauea crater 0.2 mi w of Byron's ledge	VL 473, p. 3
8/2/41	10:30:00	19	29.0	155	20.5	kaoiki	6.9	6.9		10.3	12.4	vf-felt	2.71								2.71	nomo	felt	e flank Mauna Loa 5.3 mi NW of Uwekahuna; felt-hnp	VL 473, p. 3
8/2/41	13:21:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		Halemaumau	VL 473, p. 3
8/2/41	20:09:00	19	24.00	155	17.00	kl cal 0-5		2.0	4.5	4.2	4.6	vf	1.28								1.28	nomo		SW rim Kilauea crater	VL 473, p. 3
8/3/41	11:16:00	19	23.00	155	14.50	kl uer	2.4	2.4	6.0	5.7	6.2	vf	1.48								1.48	nomo		e rift 0.1 mi NW of devil's throat	VL 473, p. 3
8/3/41	12:43:00	19	23.40	155	15.10	kl uer	2.2	2.2	5.0	4.7	5.2	vf	1.36								1.36	nomo		e rift 0.1 mi e of Kokoolau	VL 473, p. 3
8/3/41	21:00:00					kl uer		2.0	3.5	3.5	4.0	vf	1.19								1.19	nomo		e rift near Kilauea crater	VL 473, p. 3
8/3/41	23:29:00	19	23.60	155	15.20	kl uer	2.4	2.4	5.0	4.3	4.9	f	2.34								2.34	nomo		e rift 0.2 mi n Kokoolau	VL 473, p. 3
8/4/41	1:28:00	19	23.40	155	15.20	kl uer		2.0	5.0	4.6	5.0	vf	1.34								1.34	nomo		e rift Kokoolau	VL 473, p. 3
8/4/41	1:31:00	19	25.40	155	15.80	kl cal 0-5		2.0	2.0	0.9	2.2	vf	0.76								0.76	nomo		Kilauea crater near Byron's ledge	VL 473, p. 3
8/5/41	11:14:00	19	33.2	155	24.1	ml ner				20.1	22.0	vf	2.37								2.37	nomo		NE rift 4-5 mi NE of Puu Ulaula	VL 473, p. 3
8/6/41	17:15:00	19	25.60	155	17.00	kl cal 0-5		2.0	3.5	2.4	3.1	vf	1.01								1.01	nomo		NW rim Kilauea crater	VL 473, p. 3
8/8/41	22:28:00	19	33.2	155	24.1	ml ner				20.1	22.0	vf	2.37								2.37	nomo		NE rift 5 mi NE of Puu Ulaula	VL 473, p. 3
8/10/41	9:32:00	19	30.0	155	33.7	ml mok	19.2	19.2		32.6	37.8	vf	2.74								2.74	nomo		1.2 mi NE of Mokuaweoweo	VL 473, p. 3
8/12/41	22:40:00	19	33.4	155	20.6	ml ner	9.6	9.6		16.5	19.0	vf	2.27								2.27	nomo		NE rift 8 mi NE of Puu Ulaula	VL 473, p. 3
8/14/41	3:09:00	19	27.00	154	59.10	kl ler deep?	25.6	10.0	28.0	29.2	30.8	vf	2.60								2.60	nomo		e flank 4 mi WSW of Pahoa	VL 473, p. 3
8/15/41	17:00:00	19	33.1	155	22.4	ml ner				17.9	20.0	vf	2.30								2.30	nomo		NE rift 6 mi NE of Puu Ulaula	VL 473, p. 3
8/17/41	0:02:00	19	31.7	155	30.2	ml ner	9.6	9.6		27.7	29.4	vf	2.57								2.57	nomo		NE rift Pukauahi crater; vertical Jaggar seismograph moved to new HVO building; low-magnification seismograph taken out of service-to be reinstalled later	VL 473, p. 3; VL 475, p. 1
8/22/41	9:36:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		Halemaumau	VL 473, p. 3
8/22/41	11:04:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		Halemaumau	VL 473, p. 3
8/27/41	16:10:00	19	8.5	155	32.0	hilea				43.1	44.1	vf	2.85								2.85	nomo		near Hilea	VL 473, p. 3
8/28/41	4:37:00	19	43.5	155	7.9	hilo deep	32	32		35.4	47.7	vf-felt	2.90								2.90	nomo	II	2.3 mi NW from Hilo center; felt-Hilo; Hilo-2, 2 sharp jolts	numerals-in remarks column refer to HVO postcards]
8/30/41	4:17:00	19	24.90	155	16.20	kl cal 0-5		2.0	2.5	2.0	2.8	vf	0.94								0.94	nomo		e central Kilauea crater	VL 473, p. 3
8/30/41	17:56:00	19	29.0	155	56.0	kona	6.4	6.4		71.1	71.4	vf-felt	3.18								3.18	nomo	felt	Kealakekua bay; felt-Kona; Kealakekua-very slight quake, dur 1-2 sec	numerals-in remarks column refer to HVO postcards]
9/1/41	3:59:00	19	24.90	155	16.50	kl cal 0-5		2.0	2.5	2.3	3.1	vf-felt	1.74								1.74	nomo	felt	central Kilauea crater; felt-hnp, volcano	VL 473, p. 3
9/2/41	1:10:00	19	24.10	155	16.10	kl cal 0-5	1.3	1.3	3.0	3.4	3.6	vf	1.11								1.11	nomo		se rim Kilauea crater	VL 473, p. 3
9/2/41	10:08:00	19	24.90	155	16.50	kl cal 0-5		2.0	2.5	2.3	3.1	vf	0.99								0.99	nomo		central Kilauea crater	VL 473, p. 3
9/2/41	23:47:00	20	2.1	155	5.1	mauna kea os	17.6	17.6		69.7	71.9	vf	3.19								3.19	nomo		21 mi n of Hilo	VL 473, p. 3
9/5/41	14:59:00	19	25.4	155	19.6	kaoiki	16	16		7.0	17.5	vf	2.21								2.21	nomo		Kaoiki pali 2.6 mi w of Uwekahuna	VL 473, p. 3
9/5/41	21:26:00	19	25.60	154	59.60	kl mer		2.0	28.0	28.2	28.3	vf	2.54								2.54	nomo		e rift near Heiheiahulu	VL 473, p. 3
9/6/41	18:34:00	19	25.10	155	15.80	kl cal 05-10	5.6	5.6	2.0	1.4	5.8	vf	1.44								1.44	nomo		se rim Kilauea crater 0.3 mi from Byron's ledge	VL 473, p. 3
9/7/41	3:20:00	19	24.30	155	17.40	kl cal 0-5	1.6	1.6	4.0	4.2	4.5	vf	1.26								1.26	nomo		Kilauea crater 0.2 mi SW of Halemaumau	VL 473, p. 3
9/7/41	14:41:00	19	25.4	155	20.7	kaoiki	5.4	5.4		8.9	10.4	vf	1.85								1.85	nomo		pali NW of Kaoiki fault 3.9 mi w of Uwekahuna	VL 473, p. 3
9/7/41	19:26:00	19	23.90	155	16.90	kl cal 0-5	1.3	1.3	3.5	4.2	4.4	vf	1.25								1.25	nomo		Kilauea crater 0.2 mi s of 3646 BM	VL 473, p. 3
9/8/41	9:20:00	19	24.90	155	16.20	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94								0.94	nomo		e central Kilauea crater	VL 473, p. 3
9/8/41	16:25:00	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	vf	1.19								1.19	nomo		e rim Keanakakoi	VL 473, p. 3
9/8/41	17:29:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94								0.94	nomo		NE Kilauea crater	VL 473, p. 3
9/9/41	8:35:00	19	24.00	155	16.00	kl cal 0-5	2.4	2.4	3.0	3.5	4.2	vf	1.22								1.22	nomo		0.2 mi se of Kilauea crater near Keanakakoi	VL 473, p. 3
9/11/41	15:17:00	19	23.80	155	18.30	kl swr	10.9	10.9	6.5	6.0	12.4	vf	1.97								1.97	nomo		Kau desert 0.4 mi n of cone peak	VL 473, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/14/41	11:57:00					kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE central Kilauea crater	VL 473, p. 3
9/15/41	1:48:00	19	26.00	155	14.20	kl cal 0-5		2.0	3.2	2.6	3.3	vf	1.04							1.04	nomo		2 mi e of HVO	VL 473, p. 3
9/16/41	1:51:00	19	22.40	155	15.50	kl koae	3.2	3.2	7.0	6.4	7.2	vf	1.59							1.59	nomo		2 mi w of s end of Pauahi	VL 473, p. 3
9/18/41	12:24:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		Halemaumau	VL 473, p. 3
9/19/41	0:04:00	19	28.0	155	36.0	mauna loa deep	30.4	30.4		36.0	47.1	vf	2.89							2.89	nomo		SW Mokuaweoweo	VL 473, p. 3
9/19/41	19:13:00	19	25.50	155	16.40	kl cal 0-5		2.0	2.0	2.0	2.8	vf	0.94							0.94	nomo		NE Kilauea crater	VL 473, p. 3
9/21/41	16:42:00	19	24.50	155	17.20	kl cal 0-5	2.7	2.7	4.0	3.7	4.6	vf	1.28							1.28	nomo		0.3 mi SW of center Halemaumau	VL 473, p. 3
9/25/41	2:07:00	19	24.90	155	14.60	kl cal 0-5		2.0	3.0	2.6	3.3	vf	1.04							1.04	nomo		center of Kilauea crater	VL 473, p. 3
9/25/41	7:18:00	19	21.0	155	27.0	kaoiki	11.2	11.2		21.9	24.6	m-st	4.78	5.80	5.85			6.0		5.82	hono	VII; VII (S&C)	se flank ml, 4 mi n of Kapapala ranch house; felt generally Hawaii island, by some in Honolulu; Warshauer notes: felt most strongly Pahala and Kapapala, dishes fell, bottles broken; plaster cracked in Hilo; strong at Naalehu, Kohala, Puna, Kona; no damage	isoseismal map in W&K; strong?; Eissler and Kanamori estimate 35 km depth, not accepted by W&K or us; VL 473 [includes damage report; dismantled all seismographs, low mag instrument not operating], p. 3; HTH, Sept. 25, 1941; extensive felt reports in HVO
9/25/41	7:30:00	19	21.0	155	27.0	kaoiki	15	15		21.9	26.5	f-felt	3.83							3.83	nomo	felt	do; felt sharply-Kapapala, Pahala	VL 473, p. 3
9/25/41	7:43:00	19	21.5	155	25.6	kaoiki	32	11.2		19.2	22.3	f-felt	3.71							3.71	nomo	felt	near Ainapo; felt sharply-Kapapala, Pahala	VL 473, p. 4
9/25/41	8:28:00	19	18.2	155	26.2	kaoiki	11.2	11.2		23.3	25.9	vf-felt	3.22							3.22	nomo	felt	2 mi NE of Kapapala ranch house; felt-Kapapala, Pahala	VL 473, p. 4
9/25/41	9:51:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		Halemaumau	VL 473, p. 4
9/25/41	10:54:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	vf	1.18							1.18	nomo		do	VL 473, p. 4
9/25/41	13:25:00	19	20.0	155	28.0	kaoiki	11.2	11.2		24.3	26.7	vf-felt	3.25							3.25	nomo	felt	4 mi NNW of Kapapala ranch house; felt-Kapapala, Pahala	VL 473, p. 4
9/28/41	14:11:00	19	32.0	155	28.0	mauna loa deep	32	32		24.5	40.3	f-felt	3.80							3.80	nomo	felt	NE rift near Puu Ulaula; felt-volcano, Hilo	VL 473, p. 4
9/30/41	11:32:00	19	23.90	155	16.10	kl cal 05-10	5.8	5.8	3.5	3.7	6.9	f	2.57							2.57	nomo		se rim Kilauea crater just SW of Keanakakoi	VL 473, p. 4
9/30/41	11:32:00	19	23.20	155	18.10	kl swr		2.0		6.5	6.8	vf	1.55							1.55	nomo		SW rift 0.6 mi se of cone peak	VL 473, p. 4
9/30/41	12:28:00	19	23.70	155	19.00	kl swr	3.2	3.2	8.5	7.1	7.8	s	3.21							3.21	nomo		SW rift 1.2 mi SW of cone peak	VL 473, p. 4
10/7/41	14:29:00					kaoiki?			22.4	22.4	24.1	vf	2.43							2.43	nomo		14 mi from HVO	VL 474, p. 3
10/8/41	5:24:00					ml ner?			25.6	25.6	27.1	vf	2.51							2.51	nomo		NE slope Mauna Loa 16 mi from HVO	VL 474, p. 3
10/10/41	11:22:00	19	22.40	155	19.90	kl swr		2.0	8.0	9.8	10.0	vf	1.82							1.82	nomo		3 mi SW of Kilauea	VL 474, p. 3
10/12/41	8:07:00	19	21.80	155	20.60	kl swr		2.0	9.5	11.5	11.7	vf	1.92							1.92	nomo		4 mi SW of Kilauea	VL 474, p. 3
10/20/41	0:47:00					mauna kea			59	59.0	59.7	vf	3.06							3.06	nomo		n slope of Mauna Kea	VL 474, p. 3
10/20/41	0:51:00	19	28.5	155	35.0	ml mok				34.3	35.5	f	3.71							3.71	nomo		Mokuaweoweo	VL 474, p. 3
10/25/41	8:54:00					mauna kea		40	73	73.0	83.2	f-felt	4.63	4.96	5.20					5.08	hono	felt	n slope Mauna Kea near; felt generally Hawaii island; this and subsequent quakes precursory to Mauna Kea swarm starting Nov. 13; Warshauer notes: felt at Hawaii National Park, Hilo, and Kohala	slight?; VL 474, p. 3; HTH, 10/30/1941
10/28/41	1:46:00					kl koae?			6.4	6.4	11.0	vf	1.89							1.89	nomo		4 mi from HVO	VL 474, p. 3
10/28/41	8:06:00					ml ner			20	20.0	21.9	s	3.93							3.93	nomo		NE rift	VL 474, p. 3
10/28/41	8:07:00					ml ner			20	20.0	21.9	vf	2.36							2.36	nomo		location not given; beginning in preceding quake	VL 474, p. 3
10/28/41	8:15:00					kl kuer sf?		10.0	14.4	14.4	17.5	vf	2.21							2.21	nomo		9 mi from HVO	location assumed; VL 474, p. 3
10/28/41	8:15:00					kaoiki?			14.4	14.4	17.0	f	3.20							3.20	nomo		9 mi from HVO	VL 474, p. 3
10/28/41	12:00:00					kl kuer sf??		10.0	14.4	14.4	17.5	vf	2.21							2.76	nomo		preferred magnitude calculated as nomogram magnitude multiplied by number of events	4 vf events in forenoon; location not given, assumed same as event for which distance and time are given; VL 474, p. 3
10/29/41	5:10:00					kl kuer sf?			11.2	11.2	14.4	vf	2.07							2.07	nomo		7 mi from HVO	location assumed; VL 474, p. 3
10/29/41	8:54:00					unknown						vf											location not given	VL 474, p. 3
10/29/41	9:42:00					kl kuer sf?			11.2	11.2	14.4	f	3.09							3.09	nomo		7 mi from HVO	location assumed; VL 474, p. 3
10/29/41	11:30:00					unknown						vf											location not given	VL 474, p. 3
10/30/41	8:31:00					unknown						vf											location not given	VL 474, p. 3
10/30/41	18:00:00					kl kuer sf?			11.2	11.2	14.4	s	3.52							3.52	nomo		7 mi from HVO	location assumed; VL 474, p. 3
10/31/41	11:51:00					kl kuer sf?			11.2	11.2	14.4	s	3.63							3.63	nomo		7 mi from HVO	location assumed; VL 474, p. 3
11/2/41	0:20:00					unknown						f											location not given	VL 474, p. 3
11/8/41	13:20:00					kohala?			92.8	92.8	93.2	vf	3.37							3.37	nomo		58 mi from HVO	VL 474, p. 3
11/9/41	5:44:00					ml ner			25.6	25.6	27.1	vf-felt	3.26							3.26	nomo	felt	NE slope Mauna Loa 16 mi from HVO; felt-Hilo	VL 474, p. 3
11/11/41	2:41:00					ml ner?			26.1	26.1	27.6	vf-felt	3.27							3.27	nomo	felt	16 mi from HVO; felt-hnp; Warshauer notes: 16.3 miles [this distance used]; felt by a few persons at Kilauea	VL 474, p. 3; HTH, 11/21/1941
11/12/41	15:50:00					mauna kea?																	Warshauer notes: see note for October 25; beginning of Mauna Kea earthquake swarm [VL 474 dates the beginning of the swarm a day later- see next entry]	HTH, 11/24/1941
11/13/41	20:07:00	20	4.0	155	42.0	mauna kea?		43	83.2	84.5	94.8	f-felt; s (ml)	4.40	3.99; 4.61	thick line					4.30	hono	felt	52 mi from HVO; felt-Waimea; Warshauer notes: felt at Waimea; felt in Waimea, Kohala, north Kona, Hamakua and [probably] at Kilauea	Hon magnitude average of two readings; VL 474, p. 3; HTH, 11/15; 21/1941

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
11/14/41	0:51:00	20	8.0	155	44.0	mauna kea?	43.2	43.2	82.7	92.6	102.2	vf-felt	3.43							3.43	nomo	felt	do; VL gives no separate times and a generalized distance of 58 miles (92.8 km); newspaper time and distance accepted; Warshauer notes: felt at Waimea and perhaps other places in north Hawaii	VL 474, p. 3; HTH, 11/21/1941
11/14/41	2:01:00	20	8.0	155	44.0	mauna kea?	43.2	43.2	92.8	92.6	102.2	vf-felt	3.43							3.43	nomo	felt	do; VL gives no separate times; Warshauer notes: newspaper time accepted	VL 474, p. 3; HTH, 11/15/1941
11/14/41	4:07:00	20	8.0	155	44.0	mauna kea?	43.2	43.2	92.8	92.6	102.2	vf-felt	3.43							3.43	nomo	felt	do; VL gives no separate times; Warshauer notes: newspaper time accepted	VL 474, p. 3; HTH, 11/15/1941
11/14/41	5:03:00					mauna kea?			85.3	85.3	85.8	vf-felt	3.31							3.31	nomo	felt	do; VL gives no separate times and a distance of 58 miles (92.8 km); newspaper time and distance accepted; Warshauer notes: felt at Waimea and perhaps other places in north Hawaii	VL 474, p. 3; HTH, 11/21/1941
11/14/41	5:47:00	20	8.0	155	44.0	mauna kea?	43.2	43.2	85.3	92.6	102.2	vf-felt	3.43							3.43	nomo	felt	do; VL gives no separate times and a distance of 58 miles (92.8 km); newspaper time and distance accepted; Warshauer notes: felt at Waimea and perhaps other places in north Hawaii	VL 474, p. 3; HTH, 11/21/1941
11/14/41	9:53:00					mauna kea?	43.2	43.2	85.3	85.3	95.6	vf-felt	3.39							3.39	nomo	felt	do; VL gives no separate times and a distance of 58 miles (92.8 km); newspaper time and distance accepted; Warshauer notes: felt at Waimea and perhaps other places in north Hawaii	VL 474, p. 3; HTH, 11/21/1941
11/14/41	9:54:00					mauna kea?	43.2	43.2	85.3	85.3	95.6	vf-felt	3.39							3.39	nomo	felt	do; VL gives no separate times and a distance of 58 miles (92.8 km); newspaper time and distance accepted; Warshauer notes: felt at Waimea and perhaps other places in north Hawaii	VL 474, p. 3; HTH, 11/21/1941
11/14/41	9:55:00					mauna kea?	43.2	43.2	85.3	85.3	95.6	vf-felt	3.39							3.39	nomo	felt	do; VL gives no separate times and a distance of 58 miles (92.8 km); newspaper time and distance accepted; Warshauer notes: felt at Waimea and perhaps other places in north Hawaii	VL 474, p. 3; HTH, 11/21/1941
11/14/41	16:07:00					mauna kea?	43.2	43.2	86.7	86.7	96.9	vf-felt	3.40							3.40	nomo	felt	do; VL gives no separate times and a distance of 58 miles (92.8 km); newspaper time and distance accepted; Warshauer notes: felt at Waimea and perhaps other places in north Hawaii	VL 474, p. 3; HTH, 11/21/1941
11/14/41	17:34:00					mauna kea?	43.2	43.2	81.9	81.9	92.6	vf-felt	3.36							3.36	nomo	felt	do; VL gives no separate times and a distance of 58 miles (92.8 km); newspaper time and distance accepted; Warshauer notes: felt in Hilo; felt at Waimea and perhaps other places in north Hawaii	VL 474, p. 3; HTH, 11/15; 21/1941
11/15/41	6:53:00	20	4.0	155	42.0	mauna kea?	43.2	43.2	83.2	84.5	94.9	s	5.20	5.73	4.91					5.32	hono	felt	52 mi from HVO; Hilo dismantled; Warshauer notes: The strongest earthquake [in a series] was reported at 6:58 a.m. today. [doesn't say whether felt!]; felt island-wide by a few and by many in Kohala, north Kona and Hamakua	VL 474, p. 3; HTH, 11/15; 21/1941; not found in HA
11/15/41	13:27:00					mauna kea?		43	80	80.0	90.8	vf-felt	3.35							3.35	nomo	felt	distance of 58 miles (92.8 km); newspaper time and distance accepted; Warshauer notes: felt in Hilo; felt at Waimea and perhaps other places in north Hawaii	VL 474, p. 3; HTH, 11/21/1941
11/15/41	18:37:00					mauna kea?		43	83.2	83.2	93.7	f-felt	4.39	4.02	4.22					4.12	hono	felt	52 mi from HVO; felt generally north Hawaii island; Warshauer notes: felt in northern portion of island and by several in Hilo	VL 474, p. 3; HTH, 11/21/1941
11/16/41	2:31:00					mauna kea?	43.2	43.2	81.9	81.9	92.6	f-felt	4.11	<4.10	<4.10					4.11	nomo	felt	near Waimea 52 mi from HVO; newspaper time accepted; Warshauer notes: felt in Hilo; felt at Waimea and perhaps other places in north Hawaii	VL 474, p. 3; HTH, 11/21/1941
11/16/41	2:35:00					mauna kea?		43	81.1	81.1	91.8	vf-felt	3.36							3.36	nomo	felt	do; VL gives no location; newspaper distance accepted; Warshauer notes: felt in Hilo; felt at Waimea and perhaps other places in north Hawaii	VL 474, p. 3; HTH, 11/21/1941
11/16/41	9:41:00	20	4.0	155	42.0	mauna kea?	43.2	43.2	83.2	84.5	94.9	m	5.71	5.83	5.83					5.83	hono	V; V (S&C)	near Waimea 52 mi from HVO; felt generally Hawaii island; slight damage; Warshauer notes: felt by many in all parts of Hawaii; no damage reported; not felt on Oahu	VL 474, p. 3; HTH, 11/21/1941
11/17/41	1:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		5 events near Waimea	VL 474, p. 3
11/17/41	2:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	VL 474, p. 3
11/17/41	3:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	VL 474, p. 3
11/17/41	4:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	VL 474, p. 3
11/17/41	5:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	VL 474, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
11/18/41	2:56:00	20	4.0	155	42.0	mauna kea?	43.2	43.2	83	84.5	94.9	m-st	5.71	6.07	6.17					6.12	hono	VI; V (S&C)	near, slight damage; felt strongly Hawaii island, less on Maui; Warshauer notes: Dishes and bottles were broken at early this morning by an earthquake also felt strongly in Hilo; approximate time of the quake was 2:53 a.m.	VL 474, p. 3; HTH, 11/18/1941
11/18/41	4:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		2 events near Waimea	VL 474, p. 3
11/18/41	5:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	VL 474, p. 3
11/18/41	10:30:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	f-felt	4.72	5.05	4.50					4.72	hono	felt	felt generally Hawaii island	VL 474, p. 3
11/18/41	10:33:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	f-felt	4.40	<4.22	<4.22					4.40	nomo	felt	felt generally Hawaii island	VL 474, p. 3
11/18/41	11:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		4 events near Waimea	time assumed; VL 474, p. 3
11/18/41	12:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	time assumed; VL 474, p. 3
11/18/41	13:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	time assumed; VL 474, p. 3
11/18/41	14:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	time assumed; VL 474, p. 3
11/19/41	7:43:00	20	4.0	155	42.0	mauna kea?		43	83.2	84.5	94.8	f-felt	4.72	5.17	5.40					5.29	hono	felt	52 mi from HVO; felt widely	slight?; VL 474, p. 3
11/19/41	8:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		2 events near Waimea	VL 474, p. 3
11/19/41	9:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	VL 474, p. 3
11/20/41	8:51:00					mauna kea?																	Warshauer notes: The spell of earthquakes that started 3:50 p.m. November 12, 1941, with epicenter near Puu Holoholoku, southwest of Waimea, coming to an end; a total of 275 shakes was recorded on the Mauna Loa seismograph; good records at Haleakala	HTH, 11/24/1941
11/22/41	10:04:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	f	4.13							4.13	nomo		near Waimea	VL 474, p. 4
11/22/41	11:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		2 events near Waimea	VL 474, p. 4
11/22/41	12:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	VL 474, p. 4
11/22/41	21:23:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	s	5.20	5.61	5.50					5.56	hono	V (W&K)	near; felt generally Hawaii island, few on Maui	moderate?; VL 474, p. 4
11/22/41	22:12:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf-felt	4.13							4.13	nomo	felt	felt-Waimea	VL 474, p. 4
11/24/41	18:02:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		location not given	VL 474, p. 4
11/30/41	1:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		3 events near Waimea	VL 474, p. 4
11/30/41	2:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	VL 474, p. 4
11/30/41	3:00:00	20	4.0	155	42.0	mauna kea?		43	83	84.5	94.8	vf	3.38							3.38	nomo		do	VL 474, p. 4
12/4/41	9:30:00	20	4.0	155	42.0	mauna kea?		43		84.5	94.8	vf	3.38							3.38	nomo		52 mi from HVO	VL 474, p. 4
12/6/41	9:44:00					kl uer?		2.0	6.4	6.4	6.7	vf	1.54							1.54	nomo		4 mi from HVO	location assumed; VL 474, p. 3
12/13/41	23:15:00					unknown						vf											location not given	VL 474, p. 4
12/18/41	13:00:00					unknown						vf											location not given	VL 474, p. 4
12/20/41	15:30:00					unknown						vf											location not given	VL 474, p. 4
12/24/41	9:54:00					kl uer?		2.0	8.0	8.0	8.2	f	2.70							2.70	nomo		5 mi from HVO	location assumed; VL 474, p. 4
12/30/41	14:22:00					kl uer?		2.0	8.0	8.0	8.2	f	2.70							2.70	nomo		5 mi from HVO	location assumed; VL 474, p. 4
1/2/42	13:13:00					kona?			70	70.0	70.6	vf-felt	3.18							3.18	nomo	felt	felt-Kona	VL 475, p. 2
1/9/42	13:35:00					hilea?			40	40.0	41.0	f	3.81							3.81	nomo		25 mi from HVO	VL 475, p. 2
1/9/42	14:20:00					kl cal 0-5		2.0	4.8	4.8	5.2	f-felt	2.38							2.38	nomo	felt	3 mi from HVO; felt-hnp	location assumed; VL 475, p. 2
1/10/42	15:20:00					kl cal 0-5		2.0	3.2	3.2	3.8	vf	1.14							1.14	nomo		2 mi from HVO	location assumed; VL 475, p. 2
1/12/42	15:45:00					unknown						vf								0.00	nomo		location not given	VL 475, p. 2
1/15/42	17:36:00					kl uer?		2.0	6.4	6.4	6.7	vf	1.54							1.54	nomo		4 mi from HVO	location assumed; VL 475, p. 2
1/18/42	5:39:00					kl mer sf?			27.2	27.2	28.7	vf	2.55							2.55	nomo		17 mi from HVO	location assumed; VL 475, p. 2
1/25/42	6:13:00					kaoiki?			25.6	25.6	27.1	s-felt	4.07							4.07	nomo	V-VI	16 mi from HVO; felt-hnp; broke dishes at KMC	VL 475, p. 2
1/26/42	22:17:00					unknown						vf								0.00	nomo		location not given	VL 475, p. 2
1/28/42	9:21:00					kaoiki?			22.4	22.4	24.1	vf	2.43							2.43	nomo		14 mi from HVO	VL 475, p. 2
1/29/42	9:38:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 475, p. 2
2/8/42	17:48:00	19	38.0	155	10.0	hilo deep	48	48	24.5	24.6	53.9	s	4.81	5.15	5.23					5.19	hono	felt	8 mi SW of Hilo; felt-Hilo, hnp; Hilo seismograph dismantled	farther away? or moderate?; VL 475, p. 2; not found in HTH
2/8/42	19:56:00	19	38.0	155	10.0	hilo deep	48	48	24.5	24.6	53.9	vf	2.99							2.99	nomo		8 mi SW of Hilo	VL 475, p. 2
2/9/42																							A subsurface splitting progressed up the northeast rift, the foci of the earthquakes became progressively shallower; There was a progressive movement of epicenters up the northeast rift after Feb. 8 [no tabulation in VL 475 to support these statements]	Precursory sequence to Mauna Loa northeast rift eruption beginning on 4/26/1942; VL 475, p. 1; VL 476, p. 2
2/12/42	10:05:00					oahu?																felt	Warshauer notes: Several earthquake temblors, none of which was prolonged, were felt in downtown Honolulu and other areas of the city shortly after 11 [assume war time] this morning	looked for, not found on Hon film record [blasting? sequence seen on film record about an hour before time given]; HSB, 2/12/1942
2/18/42	11:09:00	19	25.80	155	16.60	kl cal 10-20	12.8	12.8	2.0	1.7	12.9	m	4.05	no record	no record					4.05	nomo	V	n end Kilauea crater; felt-hnp, awakened many, dismantled HVO and mlo seismographs	VL 475, p. 2

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
2/21/42	8:11:00	19	32.0	155	28.0	ml ner	8	8	24	24.5	25.8	m	4.81	6.09	6.09					6.09	hono	VI	felt widely; Warshauer notes: Hilo-dishes and bottles fell, plaster cracked, parked cars shook from 2 strong quakes; dismantled seismographs, slides in Kilauea crater; bottles broken at Volcano House	strong? or deep?; VL 475, p. 2; HTH, 2/21; 22/1942; HSB, 2/21/1942; time given as "shortly after 9 a.m. today" [Hawaii war time one hour later]
2/21/42	8:14:00	19	32.0	155	28.0	ml ner	8	8	24	24.5	25.8	m	4.81	6.14	6.09					6.11	hono	VI	do; felt widely; another and stronger shock occurred at about 9:14 a.m.	VL 475, p. 2; HTH, 2/21; 22/1942; HSB, 2/21/1942; time given as "shortly after 9 a.m. today" [Hawaii war time one hour later]
2/21/42	8:15:00					ml ner?	8	8	24	24.5	25.8	vf	2.48							2.48	nomo		Warshauer notes: At 9:15 and 9:29 two very feeble shocks were recorded.	[Times are Hawaii war time one hour later]; HTH, 2/22/1942
2/21/42	8:29:00					ml ner?	8	8	24	24.5	25.8	vf	2.48							2.48	nomo		Warshauer notes: At 9:15 and 9:29 two very feeble shocks were recorded.	[Times are Hawaii war time one hour later]; HTH, 2/22/1942
2/21/42	8:36:00	19	32.0	155	28.0	ml ner	8	8	24	24.5	25.8	s	4.04	no trace	no trace					4.04	nomo		Warshauer notes: Then, at 9:37 there was another shake, strong enough to dismantle the east-west component of the seismograph at the Volcano House.	[Times are Hawaii war time one hour later]; VL 475, p. 2; HTH, 2/22/1942
2/21/42	9:17:00					ml ner?	8	8	24	24.5	25.8	f	3.49							3.49	nomo		Warshauer notes: There was another feeble shake at 10:17.	[Times are Hawaii war time one hour later]; HTH, 2/22/1942
2/21/42	10:01:00					ml ner?		8	24	24.0	25.3	vf	2.46							2.46	nomo		no location or distance given	VL 475, p. 2
2/21/42	20:15:00					ml ner?		8	24	24.0	25.3	vf	2.46							2.46	nomo		no location or distance given	VL 475, p. 2
2/21/42	20:32:00					ml ner?		8	24	24.0	25.3	f	3.48							3.48	nomo		15 mi from HVO	VL 475, p. 2
2/21/42	22:28:00					ml ner?		8	24	24.0	25.3	vf	2.46							2.46	nomo		no location or distance given	VL 475, p. 2
2/22/42	4:12:00					ml ner?		8	22.4	22.4	23.8	f	3.44							3.44	nomo		14 mi from HVO	VL 475, p. 2
2/22/42	14:47:00					ml ner?		8	25.6	25.6	26.8	s	4.06							4.06	nomo		16 mi from HVO	VL 475, p. 2
2/22/42	15:05:00					ml ner?		8	24	24.0	25.3	s	4.02							4.02	nomo		15 mi from HVO	VL 475, p. 2
2/23/42	22:31:00					ml ner?		8	24	24.0	25.3	vf	2.46							2.46	nomo		no location or distance given	VL 475, p. 2
2/24/42	15:34:00					ml ner?		8	24	24.0	25.3	vf	2.46							2.46	nomo		no location or distance given	VL 475, p. 2
2/26/42	14:11:00					ml ner?		8	24	24.0	25.3	vf	2.46							2.46	nomo		no location or distance given	VL 475, p. 2
3/5/42	12:46:00					kaoiki?			27	27.0	28.5	vf-felt	2.88							2.88	nomo	felt	felt-Kapapala	VL 475, p. 2
3/5/42	13:14:00					kaoiki?			27	27.0	28.5	vf	2.54							2.54	nomo		no location or distance given	VL 475, p. 2
3/7/42	6:41:00	19	29.4	155	35.0	ml mok		8	36	34.6	35.5	s	4.04							4.04	nomo		n end of Mokuaweoweo	VL 475, p. 2
3/13/42	21:20:00					kaoiki?			27	27.0	28.5	vf	2.54							2.54	nomo		no location or distance given	VL 475, p. 2
3/15/42	9:35:00	19	27.2	155	35.8	ml mok		8	34	35.5	36.4	s	4.05							4.05	nomo		s end of Mokuaweoweo	VL 475, p. 2
3/15/42	11:00:00					ml mok?		8	34	34.0	34.9	vf	2.69							2.69	nomo		no location or distance given	VL 475, p. 2
3/15/42	12:24:00					ml swr?		8	37	37.0	37.9	vf	2.74							2.74	nomo		SW of Mokuaweoweo	VL 475, p. 2
3/15/42	12:39:00					ml swr?		8	37	37.0	37.9	vf	2.74							2.74	nomo		no location or distance given	VL 475, p. 2
3/15/42	23:43:00					ml swr		8	43	43.0	43.7	f-felt	3.86							3.86	nomo	felt	SW rift; felt-Kona	VL 475, p. 2
3/16/42	7:08:00	19	27.2	155	35.8	ml mok		5	34	35.5	35.8	f-felt	3.72							3.72	nomo	felt	s end of Mokuaweoweo; felt-Kona	VL 475, p. 2
3/16/42	21:57:00	19	27.2	155	35.8	ml mok		5	34	35.5	35.8	s-felt	4.04							4.04	nomo	felt	do; felt-Kona	VL 475, p. 2
3/18/42	11:21:00					ml swr		8	43	43.0	43.7	vf	2.84							2.84	nomo		SW rift	VL 475, p. 2
3/18/42	15:16:00	19	29.4	155	35.0	ml mok		5	36	34.6	35.0	vf	2.69							2.69	nomo		n end of Mokuaweoweo	VL 475, p. 2
3/19/42	0:17:00					ml mok		5	35	35.0	35.4	s	4.03							4.03	nomo		near Mokuaweoweo; E-W dismantled	VL 475, p. 2
3/20/42	1:34:00					ml mok?		5	35	35.0	35.4	vf	2.70							2.70	nomo		no location or distance given	VL 475, p. 2
3/20/42	23:05:00					ml swr		5	43	43.0	43.3	m	5.17	>5.67	5.88					5.88	hono	V	SW rift; felt widely; stopped clocks in s Kona; Warshauer notes: deep-seated earthquake felt generally in Hilo; dismantled seismic equipment; no damage	strong? must be deep to fit felt reports and Hon magnitudes; VL 475, p. 2; HTH, 3/21/1942; time given as "12:04 a.m. today" [daylight saving time in effect-see VL 476, p. 2, 1st paragraph]
3/21/42	1:34:00					ml swr?		5	43	43.0	43.3	vf	2.84							2.84	nomo		no location or distance given	VL 475, p. 2
3/21/42	20:14:00					ml swr		5	53	53.0	53.2	f-felt	4.00							4.00	nomo	felt	SW rift; felt-s Kona	VL 475, p. 2
3/25/42	9:14:00					ml swr?		5	53	53.0	53.2	vf	2.98							2.98	nomo		no location or distance given	VL 475, p. 2
3/28/42	21:55:00					ml ner		5	25	25.0	25.5	s-felt	4.03	no trace	no trace					4.03	nomo	felt	NE rift; felt-hnp, Hilo	VL 475, p. 2
4/8/42	14:23:00	19	28.5	155	35.5	ml mok		5	35	35.2	35.6	vf	2.70							2.70	nomo		near Mokuaweoweo	VL 476, p. 7
4/14/42	12:31:00					kl cal 0-5?		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		under Kilauea	VL 476, p. 7
4/14/42	22:11:00					unknown						vf												VL 476, p. 7
4/19/42	22:23:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 476, p. 7
4/26/42	16:05:00									0.0													onset of continuous tremor that lasted for 270 minutes	Eruption in Mokuaweoweo begins, VL 476, p. 7
4/26/42	20:03:00					ml mok?		5	35	35.0	35.4	vf	2.70							2.70	nomo		no location or distance given	VL 476, p. 7
4/26/42	22:39:00					ml mok?		5	35	35.0	35.4	vf	2.70							2.70	nomo		no location or distance given	VL 476, p. 7
4/26/42	22:50:00					ml mok?		5	35	35.0	35.4	vf	2.70							2.70	nomo		no location or distance given	VL 476, p. 7
4/26/42	23:41:00					ml ner	5	5	34	34.0	34.4	m	4.73	4.61	4.98					4.79	hono	felt	upper NE rift; felt-hnp, Hilo	VL 476, p. 7
4/27/42	0:01:00					ml ner		5	34	34.0	34.4	s	4.24							4.24	nomo		upper NE rift	VL 476, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/27/42	2:00:00					ml mok																			Mokuaweoweo eruption over, down rift splitting follows; VL 476, p. 2
4/27/42	4:21:00					ml ner		5	34	34.0	34.4	s	4.24								4.24	nomo		upper NE rift	VL 476, p. 7
4/27/42	8:49:00					ml ner		5	34	34.0	34.4	s	4.50		4.97	4.61					4.79	hono		upper NE rift	deeper?; VL 476, p. 7
4/27/42	9:52:00					ml mok		5	35	35.0	35.4	s	4.26								4.26	nomo		near Mokuaweoweo	VL 476, p. 7
4/27/42	10:04:00					ml mok?		5	35	35.0	35.4	vf	2.70								2.70	nomo		no location or distance given	VL 476, p. 7
4/27/42	10:20:00					ml mok?		5	35	35.0	35.4	vf	2.70								2.70	nomo		no location or distance given	VL 476, p. 7
4/27/42	10:41:00					ml mok?		5	35	35.0	35.4	vf	2.70								2.70	nomo		no location or distance given	VL 476, p. 7
4/27/42	11:53:00	19	32.5	155	28.0	ml ner		5	25	24.9	25.4	s	4.03								4.03	nomo		NE rift above Puu Ulaula	VL 476, p. 7
4/27/42	11:59:00					ml ner?		5	25	25.0	25.5	vf	2.47								2.47	nomo		6 events 11:59-13:57; no location or distance given	VL 476, p. 7
4/27/42	12:00:00					ml ner?		5	25	25.0	25.5	vf	2.47								2.47	nomo		do	VL 476, p. 7
4/27/42	12:30:00					ml ner?		5	25	25.0	25.5	vf	2.47								2.47	nomo		do	VL 476, p. 7
4/27/42	13:00:00					ml ner?		5	25	25.0	25.5	vf	2.47								2.47	nomo		do	VL 476, p. 7
4/27/42	13:30:00					ml ner?		5	25	25.0	25.5	vf	2.47								2.47	nomo		do	VL 476, p. 7
4/27/42	13:57:00					ml ner?		5	25	25.0	25.5	vf	2.47								2.47	nomo		do	VL 476, p. 7
4/27/42	14:12:00					ml ner?		5	25	25.0	25.5	s	4.03								4.03	nomo		record confused; no location or distance given	VL 476, p. 7
4/27/42	14:15:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		no location or distance given	VL 476, p. 7
4/27/42	14:23:00					ml ner?		5	25	25.0	25.5	s	4.03								4.03	nomo		no location or distance given	VL 476, p. 7
4/27/42	16:30:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		no location or distance given	VL 476, p. 7
4/27/42	16:44:00					ml ner?		5	25	25.0	25.5	s	4.03								4.03	nomo		no location or distance given	VL 476, p. 7
4/27/42	17:00:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		5 events 16:30-21:17; no location or distance given	VL 476, p. 7
4/27/42	18:00:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		do	VL 476, p. 7
4/27/42	19:00:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		do	VL 476, p. 7
4/27/42	21:17:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		do	VL 476, p. 7
4/27/42	21:43:00					ml ner?		5	25	25.0	25.5	m	4.80		6.09	light trace					6.09	aver	felt	felt strongly-Puu Ulaula; instruments dismantled	strong?; VL 476, p. 7; not found in HTH
4/27/42	22:01:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		8 events 22:01-23:05; no location or distance given	VL 476, p. 7
4/27/42	22:15:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		do	VL 476, p. 7
4/27/42	22:30:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		do	VL 476, p. 7
4/27/42	22:45:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		do	VL 476, p. 7
4/27/42	23:00:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		do	VL 476, p. 7
4/27/42	23:15:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		do	VL 476, p. 7
4/27/42	23:30:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		do	VL 476, p. 7
4/27/42	23:50:00					ml ner?		5	25	25.0	25.5	f	3.48								3.48	nomo		do	VL 476, p. 7
4/28/42	1:45:00	19	32.7	155	26.6	ml ner		5	24	23.0	23.6	vf	2.41								2.41	nomo		mner eruption begins 1.5 mi below Puu Ulaula	VL 476, p. 7
4/28/42	4:40:00					ml ner																			Mauna Loa northeast rift eruption begins; VL 476, p. 3
4/28/42	10:30:00					ml ner?		5	24	24.0	24.5	f	3.46								3.46	nomo		no location or distance given	VL 476, p. 7
4/29/42	6:15:00	19	32.7	155	26.6	ml ner		5	24	23.0	23.6	f	3.43								3.43	nomo		near source of flank eruption	VL 476, p. 7
4/29/42	11:10:00					ml ner?		5	24	24.0	24.5	s	4.00								4.00	nomo		no location or distance given	VL 476, p. 7
4/29/42	23:14:00					ml ner?		5	24	24.0	24.5	vf	2.44								2.44	nomo		no location or distance given	VL 476, p. 7
4/30/42	2:39:00					ml ner?		5	24	24.0	24.5	vf	2.44								2.44	nomo		no location or distance given	VL 476, p. 7
4/30/42	7:43:00	19	32.7	155	26.6	ml ner		5	24	23.0	23.6	s	3.97								3.97	nomo		near source of flank eruption	VL 476, p. 7
5/1/42	0:00:00					ml ner?		5	24	24.0	24.5	not rec; vf? ml	2.12								2.12	nomo		11 events 5/1/42; no location or distance given	VL 476, p. 7
5/1/42	1:00:00					ml ner?		5	24	24.0	24.5	not rec; vf? ml	2.12								2.12	nomo		do	VL 476, p. 7
5/1/42	2:00:00					ml ner?		5	24	24.0	24.5	not rec; vf? ml	2.12								2.12	nomo		do	VL 476, p. 7
5/1/42	3:00:00					ml ner?		5	24	24.0	24.5	not rec; vf? ml	2.12								2.12	nomo		do	VL 476, p. 7
5/1/42	4:00:00					ml ner?		5	24	24.0	24.5	not rec; vf? ml	2.12								2.12	nomo		do	VL 476, p. 7
5/1/42	5:00:00					ml ner?		5	24	24.0	24.5	not rec; vf? ml	2.12								2.12	nomo		do	VL 476, p. 7
5/1/42	6:00:00					ml ner?		5	24	24.0	24.5	not rec; vf? ml	2.12								2.12	nomo		do	VL 476, p. 7
5/1/42	7:00:00					ml ner?		5	24	24.0	24.5	not rec; vf? ml	2.12								2.12	nomo		do	VL 476, p. 7
5/1/42	8:00:00					ml ner?		5	24	24.0	24.5	not rec; vf? ml	2.12								2.12	nomo		do	VL 476, p. 7
5/1/42	9:00:00					ml ner?		5	24	24.0	24.5	not rec; vf? ml	2.12								2.12	nomo		do	VL 476, p. 7
5/1/42	10:00:00					ml ner?		5	24	24.0	24.5	not rec; vf? ml	2.12								2.12	nomo		do	VL 476, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/1/42	14:00:00																							lava flows bombed on afternoon of 5/1 and morning of 5/2; VL 476, p. 5
5/2/42	4:02:00					ml ner?		5	24	24.0	24.5	vf	2.44							2.44	nomo		no location or distance given	VL 476, p. 7
5/2/42	18:00:00					ml ner?		5	24	24.0	24.5	vf	2.44							2.44	nomo		no location or distance given	VL 476, p. 7
5/2/42	19:00:00					ml ner?		5	24	24.0	24.5	vf	2.44							2.44	nomo		no location or distance given	VL 476, p. 7
5/3/42	14:41:00					ml ner?		5	24	24.0	24.5	vf	2.44							2.44	nomo		3 events 14:41-21:43; no location or distance given	VL 476, p. 7
5/3/42	16:00:00					ml ner?		5	24	24.0	24.5	vf	2.44							2.44	nomo		do	VL 476, p. 7
5/3/42	21:43:00					ml ner?		5	24	24.0	24.5	vf	2.44							2.44	nomo		do	VL 476, p. 7
5/4/42	0:26:00					ml ner		5	24	24.0	24.5	vf-felt	2.78							2.78	nomo	felt	felt at source	VL 476, p. 7
5/4/42	1:46:00					ml ner?		5	24	24.0	24.5	vf	2.44							2.44	nomo		no location or distance given	VL 476, p. 7
5/4/42	23:54:00					ml ner?		5	24	24.0	24.5	vf	2.44							2.44	nomo			VL 476, p. 7
5/10/42	10:00:00					ml ner																		Mauna Loa northeast rift eruption over in forenoon; VL 476, p. 7
5/14/42	22:40:00					ml ner?		5	24	24.0	24.5	f	3.46							3.46	nomo		no location or distance given	VL 476, p. 7
5/19/42	1:34:00					ml ner		5	24	24.0	24.5	vf	2.44							2.44	nomo		NE rift	VL 476, p. 7
5/27/42	14:45:00					unknown						vf												VL 476, p. 7
6/1/42	3:45:00					kl cal 0-5?		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea, accompanied by a rumble	VL 476, p. 7
6/18/42	8:05:00					kaoiki?			11	11.0	14.2	s	3.62							3.62	nomo		e slope Mauna Loa	VL 476, p. 8
6/21/42	5:54:00					unknown						vf												VL 476, p. 8
6/24/42	16:40:00					unknown						vf												VL 476, p. 8
6/26/42	17:10:00					unknown						vf												VL 476, p. 8
6/30/42	19:05:00					unknown						vf												VL 476, p. 8
7/3/42	17:50:00					unknown						vf												VL 477, p. 3
7/8/42	5:15:00					kl cal 0-5		2.0	4.8	4.8	5.2	vf	1.36							1.36	nomo		3 mi from HVO	VL 477, p. 3
7/8/42	17:27:00					unknown						vf											3 events 17:27 to 22:33	VL 477, p. 3
7/8/42	20:00:00					unknown						vf											do	VL 477, p. 3
7/8/42	22:33:00					unknown						vf											do	VL 477, p. 3
7/9/42	3:00:00					kohala os			115	115.0	115.4	s	5.34	5.92	5.50					5.71	hono	IV	in ocean n of Kohala; felt strongly-Kohala; Warshauer notes: An earthquake between slight and moderate was recorded at 3:59 a.m. [daylight saving time in effect]; dismantled seismograph, felt strongly in district, also in Hilo	moderate?; VL 477, p. 3; HTH, 7/9/1942
7/19/42	23:30:00					kaoiki?			27	27.0	28.5	vf-felt	2.54							2.54	nomo	felt	felt-Kapapala	VL 477, p. 3
7/29/42	6:45:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 477, p. 3
8/2/42	23:05:00					kl uer		2.0	6.0	6.0	6.3	vf	1.50							1.50	nomo		e rift	VL 477, p. 3
8/10/42	10:35:00					unknown						vf											twin shakes	VL 477, p. 3
8/15/42	6:37:00					unknown						vf												VL 477, p. 3
8/27/42	2:38:00					mauna kea			56	56.0	56.7	vf	3.02							3.02	nomo		NW of Mauna Kea	VL 477, p. 3
8/27/42	10:25:00					ml mok			35	35.0	36.1	f	3.73							3.73	nomo		near Mokuaweoweo	VL 477, p. 3; not found in HTH
9/4/42	0:48:00					unknown						vf												VL 477, p. 3
9/6/42	5:20:00					unknown						vf												VL 477, p. 3
9/9/42	21:37:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 477, p. 3
9/11/42	16:50:00					kohala?			87	87.0	87.5	vf-felt	3.33							3.33	nomo	felt	felt-Kohala	VL 477, p. 3
9/12/42	10:25:00					kilauea		3.0		8.0	8.5	s	3.27							3.27	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 477, p. 3
9/18/42	1:51:00					kilauea		3.0		8.0	8.5	f-felt	3.05							3.05	nomo	felt	Kilauea in VL; felt-hnp	average distance and depth assumed from modern catalog locations of near-caldera events; VL 477, p. 3
9/19/42	9:56:00					kl cal 0-5		2.0	3.2	3.2	3.8	vf	1.14							1.14	nomo		2 mi from HVO	VL 477, p. 3
9/20/42	13:31:00					unknown						vf												VL 477, p. 3
9/20/42	14:26:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 477, p. 3
9/26/42	16:55:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 477, p. 3
9/27/42	1:41:00					kl cal 0-5		2.0	3.2	3.2	3.8	f-felt	2.16							2.16	nomo	felt	2 mi from HVO; felt-hnp	VL 477, p. 3
9/27/42	2:57:00					kl cal 0-5?		2.0		3.0	3.6	s-felt	2.67							2.67	nomo	felt	felt-hnp	VL 477, p. 3
9/27/42	11:33:00					unknown						vf											3 events 11:33-13:15	VL 477, p. 3
9/27/42	12:22:00					unknown						vf											do	VL 477, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/27/42	13:15:00					unknown						vf											do	VL 477, p. 3
9/27/42	17:36:00					kl cal 0-5		2.0	4.8	4.8	5.2	s-felt	2.92							2.92	nomo	felt	3 mi from HVO; felt-hnp	VL 477, p. 3
9/27/42	18:46:00					unknown						vf												VL 477, p. 3
9/27/42	19:17:00					unknown						vf												VL 477, p. 3
9/28/42	14:15:00					kl cal 0-5		2.0	4.8	4.8	5.2	f-felt	2.38							2.38	nomo	felt	3 mi from HVO; felt-hnp	VL 477, p. 3
9/30/42	10:20:00					unknown						vf												VL 477, p. 3
9/30/42	10:21:00					kl cal 0-5		2.0		3.0	3.6	f-felt	2.12							2.12	nomo	felt	felt-hnp	VL 477, p. 3
9/30/42	10:21:00	19	24.60	155	17.10	kl cal 0-5		2.0		3.4	4.0	s-felt	2.74							2.74	nomo	IV	felt-hnp, accompanied by a landslide in Halemaumau	VL 477, p. 3
10/1/42	6:04:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 478, p. 3
10/5/42	23:47:00					unknown						vf												VL 478, p. 3
10/6/42	13:33:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 478, p. 3
10/11/42	11:43:00	19	29.4	155	35.0	ml mok			34	34.6	35.8	s	4.26							4.26	nomo		n end of Mokuaweoweo	VL 478, p. 3; not found in HTH
10/16/42	9:21:00					unknown						vf												VL 478, p. 3
10/29/42	22:30:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 478, p. 3
11/5/42	12:56:00					unknown						f												VL 478, p. 4
11/8/42	0:47:00					ml swr?			49	49.0	49.8	vf	2.93							2.93	nomo		SW slope Mauna Loa	VL 478, p. 4
11/25/42	1:54:00					kl cal 0-5?		2.0		3.0	3.6	f-felt	2.12							2.12	nomo	felt	felt-hnp	VL 478, p. 4
11/25/42	10:20:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 478, p. 4
11/26/42	3:59:00					unknown						vf												VL 478, p. 4
12/1/42	17:03:00					unknown						vf												VL 478, p. 4
12/4/42	18:28:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 478, p. 4
12/5/42	7:07:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 478, p. 4
12/6/42	12:08:00	19	6.0	155	41.3	ml swr			59	58.2	58.9	s-felt	4.39	no trace	no trace					4.39	nomo	felt	SW rift near source of 1868 flow; felt-Hilo to s Kona	closer?; VL 478, p. 4; not found in HTH
12/21/42	5:28:00	19	23.00	155	7.00	kl mer		5.0	16.0	16.1	16.9	s-felt	3.74							3.74	nomo	felt	2 mi e of Napau crater; felt-Hilo, hnp, instruments dismantled	VL 478, p. 4; not found in HTH
12/21/42	6:50:00	19	23.00	155	7.00	kl mer		5.0	16.0	16.1	16.9	f-felt	3.20							3.20	nomo	felt	do; felt-hnp	VL 478, p. 4
12/21/42	7:47:00					kl mer		5.0	16.0	16.0	16.8	f-felt	3.19							3.19	nomo	felt		VL 478, p. 4
12/21/42	23:57:00	19	23.00	155	7.00	kl mer		2.0	16.0	16.1	16.2	f	3.17							3.17	nomo		2 mi e of Napau crater	VL 478, p. 4
12/21/42	23:59:00					kl mer?		2.0	16.0	16.0	16.1	s	3.71							4.15	calc		preferred magnitude calculates as nomogram magnitude multiplied by number of events	3 slight events on December 21 not separately tabulated; VL 478, p. 4
12/21/42	23:59:00					kl mer?		2.0	16.0	16.0	16.1	vf	2.15							2.92	calc		preferred magnitude calculates as nomogram magnitude multiplied by number of events	7 very feeble events on December 21 not separately tabulated; VL 478, p. 4
12/22/42	7:45:00					unknown						vf												VL 478, p. 4
12/24/42	15:15:00					kl cal 0-5		2.0		3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 478, p. 4
12/26/42	10:41:00					unknown						vf												VL 478, p. 4
12/29/42	16:33:00					unknown						vf												VL 478, p. 4
1/9/43	20:04:00					ml swr?			59	59.0	59.7	f-felt	4.07							4.07	nomo	felt	felt-s Kona	VL 479, p. 5
1/11/43	14:32:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo		Mauna Loa in VL	VL 479, p. 5
1/15/43	17:41:00					unknown						vf												VL 479, p. 5
1/16/43	3:38:00					unknown						vf												VL 479, p. 5
1/16/43	4:22:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 479, p. 5
1/17/43	14:08:00					ml ner			24	24.0	25.6	s-felt	4.03							4.03	nomo	felt	NE rift; felt-hnp	VL 479, p. 5
1/19/43	2:48:00					ml ner?			24	24.0	25.6	s-felt	4.03							4.03	nomo	felt	felt-hnp, Hilo	VL 479, p. 5
1/24/43	3:09:00					hilea?			40	40.0	41.0	f-felt	3.81							3.81	nomo	felt	felt-Pahala	VL 479, p. 5
1/27/43	19:06:00					mauna kea?			67.5	67.5	68.1	vf-felt	3.15							3.15	nomo	felt	felt-Kukaiau	VL 479, p. 5
1/30/43	13:53:00					unknown						vf												VL 479, p. 5
2/1/43	22:10:00					ml ner?			20	20.0	21.9	s	3.93							3.93	nomo	felt	Mauna Loa in VL; felt-Hilo	VL 479, p. 5
2/8/43	10:35:00					unknown						vf												VL 479, p. 5
2/15/43	6:30:00					kohala?			87	87.0	87.5	vf-felt	3.33							3.33	nomo	felt	felt-Kohala	VL 479, p. 5
2/16/43	3:59:00					unknown						vf												VL 479, p. 5
2/27/43	7:04:00					unknown						vf												VL 479, p. 5

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/10/43	7:34:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 479, p. 5
3/10/43	22:52:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 479, p. 5
3/11/43	3:06:00					unknown						vf												VL 479, p. 5
3/11/43	4:11:00					unknown						vf												VL 479, p. 5
3/11/43	10:26:00					unknown						vf												VL 479, p. 5
3/12/43	19:26:00					unknown						vf												VL 479, p. 5
3/13/43	19:25:00					unknown						vf												VL 479, p. 5
3/15/43	12:06:00					ml nf			36	36.0	37.1	f	3.74							3.74	nomo		bet Mauna Loa and Mauna Kea	VL 479, p. 5
3/16/43	1:54:00					unknown						vf												VL 479, p. 5
3/25/43	13:05:00					kaoiki?			20	20.0	21.9	s	3.70							3.70	nomo		Mauna Loa in VL	VL 479, p. 5
5/7/43	2:09:00					kaoiki			20	20.0	21.9	f-felt	3.70							3.70	nomo	felt	e slope Mauna Loa; felt-Kapapala to Hilo	VL 479, p. 5; not found in HTH
5/8/43	4:10:00					ml mok			35	35.0	36.1	s-felt	4.27	no trace	no trace					4.27	nomo	felt	[on p. 3 time given as 5:10 April 8-probably the same quake given a daylight saving time correction and a misprint of the month]; near Mokuaweoweo; felt generally east Hawaii island	VL 480, p. 3, 4; not found in HTH
5/9/43	2:20:00					unknown						vf												VL 480, p. 4
5/10/43	5:20:00					unknown						vf												VL 480, p. 4
5/30/43	12:53:00					unknown						vf												VL 480, p. 4
6/14/43	3:24:00					unknown						vf												VL 480, p. 4
6/14/43	21:38:00	20	4.0	155	42.0	kohala?				84.5	85.0	s-felt	4.64	no trace	no trace					4.64	nomo	felt	near; felt widely Hawaii island	closer?; Calc mag accepted on the basis that there 5/have been high background noise on the Honolulu seismogram preventing the earthquake from being seen; VL 480, p. 4; not found in HTH
7/1/43	1:51:00	19	21.5	155	25.6	kaoiki				19.2	21.2	s-felt	3.90							3.90	nomo	felt	near Ainapo; felt-hnp, Kapapala	VL 481, p. 4
7/3/43	4:26:00	19	32.5	155	28.0	ml ner				24.9	26.5	f	3.51							3.51	nomo		NE rift above Puu Ulaula	VL 481, p. 4
8/7/43	12:40:00	19	25.60	155		kl mer		2.0	27.2	27.5	27.6	vf	2.52							2.52	nomo		e rift 17 mi from HVO	VL 481, p. 4
8/9/43	2:14:00					unknown						vf												VL 481, p. 4
9/13/43	12:34:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		near Mokuaweoweo	VL 481, p. 4
9/17/43	5:11:00					kohala?			87	87.0	87.5	vf-felt	3.33							3.33	nomo	felt	felt-Kohala	VL 481, p. 4
9/21/43	9:04:00					unknown						vf												VL 481, p. 4
9/21/43	16:17:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 481, p. 4
9/21/43	17:19:00					kl cal 0-5		2.0		3.0	3.6	s	2.67							2.67	nomo		Kilauea crater	VL 481, p. 4
10/7/43	8:50:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 482, p. 2
10/16/43	2:36:00					mauna kea			45	45.0	45.9	s-felt	4.44							4.44	nomo	felt	e slope Mauna Kea; felt-hnp, Hakalau	VL 482, p. 2
10/18/43	5:06:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 482, p. 2
10/20/43	2:07:00	19	24.00	155	16.50	kl cal 05-10	8.0	8.0	4.0	3.7	8.8	s-felt	3.29							3.29	nomo	felt	s end Kilauea crater; felt-hnp, Hilo	VL 482, p. 2
10/22/43	18:43:00					unknown						vf												VL 482, p. 2
10/30/43	18:23:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 482, p. 2
10/30/43	19:06:00					unknown						vf												VL 482, p. 2
10/31/43	13:28:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 482, p. 2
11/4/43	0:38:00					unknown						vf												VL 482, p. 2
11/5/43	15:35:00					unknown						vf												VL 482, p. 2
11/8/43	14:15:00					hilea?			40	40.0	41.0	vf-felt	3.54							3.54	nomo	felt	felt sharply-Pahala	VL 482, p. 2
11/10/43	16:18:00					hilea?			40	40.0	41.0	vf-felt	2.80							2.80	nomo	felt	felt-Pahala	VL 482, p. 2
11/10/43	16:22:00					hilea?			43	43.0	43.9	m	4.90	4.88	4.88					4.88	hono	VI; VI (USE); V (W&K; S&C)	felt widely southern half Hawaii island; stone walls thrown down SW of Pahala; dismantled instruments	VL 482, p. 2; not found in HTH
11/16/43	23:26:00					unknown						vf												VL 482, p. 2
11/21/43	22:51:00					unknown						vf												VL 482, p. 2
11/29/43	13:45:00					unknown						f												VL 482, p. 2
12/1/43	19:52:00					unknown						vf												VL 482, p. 2

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
12/3/43	11:09:00					ml swr			57	57.0	57.7	vf	3.04							3.04	nomo		lower SW rift	VL 482, p. 2
12/7/43	5:47:00					ml ner			30	30.0	31.3	f	3.63							3.63	nomo		NE rift	VL 482, p. 2
12/13/43	19:43:00					unknown						vf												VL 482, p. 2
12/15/43	8:58:00					hilea?			40	40.0	41.0	f-felt	3.81							3.81	nomo	felt	felt-Pahala	VL 482, p. 2
12/18/43	21:14:00					unknown						vf												VL 482, p. 2
12/22/43	19:50:00					ml swr?			45	45.0	45.9	s-felt	4.21	no trace	no trace					4.21	nomo	felt	SW slope Mauna Loa; felt-hnp, Hilo	closer? or feeble?; VL 482, p. 2; not found in HTH
12/24/43	1:51:00					unknown						vf												VL 482, p. 2
1/4/44	2:48:00	19	25.80	155	16.60	kl cal 0-5		2.0	2.0	1.7	2.6	s	2.44							2.44	nomo		n end Kilauea crater	VL 483, p. 3
1/5/44	0:05:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 483, p. 3
1/5/44	4:47:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 483, p. 3
1/7/44	9:42:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	s-felt	2.36							2.36	nomo	III	NE end Kilauea crater; sharply felt-hnp	VL 483, p. 3
1/10/44	23:25:00					ml swr?			50	50.0	50.8	vf	2.95							2.95	nomo		SW Mauna Loa	VL 483, p. 3
1/12/44	20:04:00	19	34.2	155	11.4	hilo	5	5		17.2	17.9	vf	2.22							2.22	nomo		NE rift 12 mi SW of Hilo	VL 483, p. 3
1/17/44	1:00:00					ml swr?			50	50.0	50.8	vf	2.95							2.95	nomo		SW Mauna Loa	VL 483, p. 3
1/22/44	2:38:00					unknown						vf												VL 483, p. 3
1/23/44	14:40:00	19	32.0	155	28.0	ml ner				24.5	26.1	s-felt	4.05							4.05	nomo	felt	NE rift near Puu Ulaula; felt-hnp, Pahala	VL 483, p. 3
1/23/44	15:28:00	19	32.0	155	28.0	ml ner				24.5	26.1	vf-felt	2.48							2.48	nomo	felt	do	VL 483, p. 3
1/23/44	23:42:00					ml ner			30	30.0	31.3	f	3.63							3.63	nomo		NE rift	VL 483, p. 3
1/28/44	17:23:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 483, p. 3
2/1/44	11:31:00					unknown						vf												VL 483, p. 3
2/2/44	19:18:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 483, p. 3
2/3/44	1:02:00	19	24.00	155	17.50	kl cal 0-5		2.0	4.5	4.7	5.1	s	2.92							2.92	nomo		SW end Kilauea crater	VL 483, p. 3
2/3/44	1:16:00					kl cal 0-5		2.0		3.0	3.6	s	2.67							2.67	nomo		Kilauea crater	VL 483, p. 3
2/3/44	1:19:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 483, p. 3
2/3/44	1:27:00					unknown		2.0		3.0	3.6	vf												VL 483, p. 3
2/3/44	1:28:00					kl cal 0-5		2.0		3.0	3.6	s	2.67							2.67	nomo		Kilauea crater	VL 483, p. 3
2/3/44	3:37:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 483, p. 3
2/5/44	21:49:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		near Mokuaweoweo	VL 483, p. 3
2/5/44	23:32:00					unknown						vf												VL 483, p. 3
2/8/44	2:41:00					ml swr			50	50.0	50.8	vf	2.95							2.95	nomo		SW rift	VL 483, p. 3
2/22/44	9:47:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		near Mokuaweoweo	VL 483, p. 3
2/27/44	4:49:00					kl cal 0-5		2.0		3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 483, p. 3
2/29/44	4:53:00	19	26.00	155	16.00	kl cal 0-5		2.0		0.7	2.1	s	2.30							2.30	nomo		under HVO	VL 483, p. 3
3/3/44	12:37:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		SW rift	VL 483, p. 3
3/5/44	9:39:00					ml ner			30	30.0	31.3	s-felt	3.95							3.95	nomo	felt	NE rift; felt-hnp	VL 483, p. 3
3/8/44	4:47:00					unknown						vf												VL 483, p. 3
3/23/44	10:36:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 483, p. 3
3/25/44	10:45:00					unknown						vf												VL 483, p. 3
3/25/44	20:18:00					unknown						vf												VL 483, p. 3
3/29/44	19:54:00	19	24.00	155	16.50	kl cal 0-5		2.0	3.5	3.7	4.2	s	2.78							2.78	nomo		s end Kilauea crater; p wave dilatational	VL 483, p. 3
3/29/44	20:38:00	19	24.00	155	16.50	kl cal 0-5		2.0	3.5	3.7	4.2	vf	1.22							1.22	nomo		same location	VL 483, p. 3
3/29/44	22:20:00					kl cal 0-5?		2.0	3.5	3.5	4.0	s	2.75							2.75	nomo		do?-p wave compressional	VL 483, p. 3
3/29/44	22:41:00					kl cal 0-5		2.0	3.5	3.5	4.0	s	2.75							2.75	nomo		same location	VL 483, p. 3
3/30/44	0:55:00					unknown						vf												VL 483, p. 3
4/19/44	17:43:00	19	2.00	154	49.00	kl ler sf os?			64.0	64.4	65.0	vf	3.12							3.12	nomo		40 mi se of HVO	VL 484, p. 4
4/20/44	6:03:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 484, p. 4
4/22/44	8:15:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 484, p. 4
4/26/44	8:23:00					unknown						vf												VL 484, p. 4
5/12/44	17:27:00	19	26.00	155	16.30	kl cal deep		30.0	2.0	1.2	30.0	f	3.60							3.60	nomo		NE rim Kilauea crater	VL 484, p. 4
5/23/44	21:07:00					ml swr?			45	45.0	45.9	vf	2.88							2.88	nomo		SW flank Mauna Loa	VL 484, p. 4
5/28/44	20:40:00					ml swr			56	56.0	56.7	vf-felt	3.77							3.77	nomo	felt	SW rift; felt-Naalehu, Pahala	VL 484, p. 4
5/29/44	4:21:00					kaoiki			26	26.0	27.5	f-felt	3.54							3.54	nomo	felt	e flank Mauna Loa; felt-hnp, Pahala	VL 484, p. 4
5/29/44	4:27:00					ml ner			33	33.0	34.2	vf	2.67							2.67	nomo		high on NE rift	VL 484, p. 4
5/31/44	14:12:00					unknown						vf												VL 484, p. 4
6/1/44	11:09:00					unknown						vf												VL 484, p. 4
6/9/44	12:01:00					unknown						vf												VL 484, p. 4
6/16/44	1:09:00					unknown						vf												VL 484, p. 4
6/21/44	17:34:00	19	32.0	155	28.0	ml ner				24.5	26.1	vf	2.48							2.48	nomo		NE rift near Puu Ulaula	VL 484, p. 4

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
6/23/44	0:13:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 484, p. 4
7/1/44	16:00:00					unknown						f											in hour mark	VL 485, p. 3
7/2/44	20:48:00					kohala?			90	90.0	90.4	f	4.36	4.74	4.92					4.83	hono		NW Hawaii	offshore?; VL 485, p. 3
7/6/44	22:23:00					unknown						vf												VL 485, p. 3
7/14/44	10:47:00					unknown						vf												VL 485, p. 3
7/16/44	1:01:00					unknown						vf												VL 485, p. 3
7/16/44	16:01:00					unknown						vf												VL 485, p. 3
7/18/44	1:01:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 485, p. 3
7/20/44	7:53:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 485, p. 3
7/22/44	8:30:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 485, p. 3
7/22/44	21:52:00					kohala?			90	90.0	90.4	vf	3.35							3.35	nomo		NW Hawaii	VL 485, p. 3
7/31/44	22:33:00					unknown						vf												VL 485, p. 3
8/2/44	0:04:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 485, p. 3
8/5/44	18:53:00					ml swr?			50	50.0	50.8	f	3.96							3.96	nomo		SW slope Mauna Loa	VL 485, p. 3
8/7/44	10:53:00					ml ner			30	30.0	31.3	f	3.63							3.63	nomo		NE rift	VL 485, p. 3
8/22/44	6:15:00	19	56.0	155	36.0	mauna kea				66.3	66.9	vf	3.14							3.14	nomo		lower NW slope Mauna Kea	VL 485, p. 3
8/23/44	1:32:00					unknown						vf												VL 485, p. 3
8/30/44	8:47:00					unknown						vf												VL 485, p. 3
9/4/44	16:18:00	19	25.80	155	16.60	kl cal 0-5		2.0	2.0	1.7	2.6	s-felt	2.44							2.44	nomo	felt	n end Kilauea crater; felt-hnp	VL 485, p. 3
9/7/44	16:36:00	19	25.80	155	16.60	kl cal 0-5		2.0	2.0	1.7	2.6	f-felt	1.90							1.90	nomo	felt	n rim Kilauea crater; felt-hnp	VL 485, p. 4
9/9/44	9:14:00	19	29.4	155	35.0	ml mok				34.6	35.8	vf	2.70							2.70	nomo		n end Mokuaweoweo	VL 485, p. 4
9/10/44	21:37:00					unknown						vf												VL 485, p. 4
9/18/44	0:06:00					kl cal 0-5		2.0		3.0	3.6	f-felt	2.12							2.12	nomo	felt	Kilauea crater; felt-hnp	VL 485, p. 4
9/18/44	10:01:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 485, p. 4
9/18/44	19:33:00					unknown						vf												VL 485, p. 4
9/19/44	22:45:00					unknown						vf												VL 485, p. 4
9/23/44	2:52:00					unknown						vf												VL 485, p. 4
9/29/44	9:05:00					unknown						f												VL 485, p. 4
9/29/44	9:20:00					unknown						vf												VL 485, p. 4
9/30/44	18:34:00					unknown						vf												VL 485, p. 4
10/2/44	17:27:00	20	1.0	155	17.0	mauna kea		40		65.2	76.5	s	4.79	<4.50	4.40					4.40	hono		deep focus, near Ookala	shallower?; VL 486, p. 3; not found in HTH
10/4/44	15:22:00					unknown						vf												VL 486, p. 3
10/6/44	14:30:00					unknown						f												VL 486, p. 3
10/6/44	14:40:00					unknown						vf												VL 486, p. 3
10/7/44	14:41:00					unknown						vf												VL 486, p. 3
10/11/44	21:11:00	19	28.5	155	35.5	ml mok				35.2	36.3	f-felt	3.73							3.73	nomo	felt	Mokuaweoweo; felt-hnp	VL 486, p. 3
10/11/44	21:12:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		Mokuaweoweo	VL 486, p. 3
10/17/44	13:54:00					mauna kea			55	55.0	55.7	f-felt	4.03	<4.32	<4.02					4.03	nomo	felt	Mauna Kea; felt-Hilo	VL 486, p. 3
10/17/44	14:52:00					unknown						vf												VL 486, p. 3
10/29/44	17:17:00					mauna kea			55	55.0	55.7	f-felt	4.03							4.03	nomo	felt	Mauna Kea; felt-hnp, Hilo	VL 486, p. 3
10/31/44	4:26:00					hilo?			40	40.0	41.0	f-felt	3.81							3.81	nomo	felt	felt-Hilo	VL 486, p. 3
10/31/44	4:28:00					hilo?			40	40.0	41.0	f-felt	3.81							3.81	nomo	felt	felt-Hilo	VL 486, p. 3
11/5/44	1:46:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 486, p. 3
11/8/44	2:16:00					unknown						vf												VL 486, p. 3
11/8/44	2:18:00					unknown						vf												VL 486, p. 3
11/9/44	8:25:00					unknown						vf												VL 486, p. 3
11/12/44	4:56:00	19	24.00	155	17.70	kl cal deep?	14.4	30.0	4.5	5.0	30.4	m	4.65	4.58	4.58					4.58	hono	V (W&K; USE)	SW of Halemaumau; felt widely-s half Hawaii island, dismantled seismographs at Hilo, Kona and HVO	depth increased to match Hon magnitude consistent with felt reports; VL 486, p. 3; not found in HTH
11/15/44	18:19:00	19	24.00	155	17.70	kl cal 05-10?		8.0	4.5	5.0	9.4	m	3.83	no trace	no trace					3.83	nomo	felt	do; felt-hnp	VL 486, p. 3
11/15/44	19:33:00	19	26.00	155	16.30	kl cal 0-5		2.0	2.0	1.2	2.3	f-felt	1.81							1.81	nomo	felt	NE rim Kilauea crater; felt-hnp	VL 486, p. 3
11/22/44	22:53:00					kilauea		3.0		8.0	8.5	s	3.27							3.27	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 486, p. 3
11/23/44	13:43:00	19	26.00	155	16.30	kl cal 0-5		2.0	4.5	1.2	2.3	f	1.81							1.81	nomo		SW of Halemaumau	VL 486, p. 3
11/23/44	21:16:00					unknown						vf												VL 486, p. 3
11/26/44	0:48:00					unknown						vf												VL 486, p. 3
11/26/44	13:02:00					unknown						f												VL 486, p. 3
11/28/44	0:43:00					unknown						f												VL 486, p. 3
11/29/44	9:34:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	f-felt	2.19							2.19	nomo	III	felt sharply-Halemaumau	VL 486, p. 3
11/29/44	9:36:00	19	24.60	155	17.10	kl cal 0-5		2.0	3.5	3.4	4.0	s-felt	2.74							2.74	nomo	III	felt sharply-Halemaumau	VL 486, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
12/2/44	0:17:00					kl cal 0-5?		2.0	3.5	3.4	4.0	f	2.19								2.19	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/6/44	7:38:00					kl cal 0-5?		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/6/44	8:08:00					kl cal 0-5?		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/6/44	9:47:00					kl cal 0-5?		2.0	3.5	3.4	4.0	f	2.19								2.19	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/6/44	11:51:00					unknown						vf													VL 486, p. 3
12/6/44	11:54:00					unknown						vf													VL 486, p. 3
12/6/44	19:29:00					kl cal 0-5?		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/6/44	22:07:00					kl cal 0-5?		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/7/44	0:58:00					kl cal 0-5?		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/7/44	2:51:00					kl cal 0-5?		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/7/44	5:15:00					unknown						vf													VL 486, p. 3
12/7/44	7:17:00					kl cal 0-5?		2.0	3.5	3.4	4.0	s-felt	2.74								2.74	nomo	felt	Kilauea in VL; felt-hnp	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/7/44	8:46:00					kl cal 0-5		2.0	3.5	3.5	4.0	vf	1.19								1.19	nomo		accompanied by rumble at Halemaumau rim	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/7/44	11:18:00					unknown						vf													VL 486, p. 3
12/7/44	11:22:00					kl cal 0-5?		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/7/44	11:39:00					kl cal 0-5?		2.0	3.5	3.4	4.0	f	2.19								2.19	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/7/44	12:50:00					kl cal 0-5?		2.0	3.5	3.4	4.0	s	2.74								2.74	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/7/44	13:50:00					kl cal 0-5		2.0		3.0	3.6	vf	0.63								1.70	calc			Shallow Kilauea caldera earthquake swarm; 15 events assumed at low end of very feeble amplitude range not separately tabulated; VL 486, p. 2
12/9/44	12:40:00					kl cal 0-5?		2.0	3.5	3.4	4.0	vf	1.18								1.18	nomo		Kilauea in VL	Earthquake swarm associated with subsidence of Kilauea caldera shown on Halemaumau tiltmeter (not at Whitney); VL 486, p. 3
12/11/44	22:01:00					unknown						vf													VL 486, p. 3
12/15/44	16:17:00					unknown						vf													VL 486, p. 3
12/16/44	15:08:00					kilauea		3.0		8.0	8.5	vf	1.71								1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 486, p. 3
12/16/44	23:45:00					kilauea		3.0		8.0	8.5	vf	1.71								1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 486, p. 3
12/16/44	23:45:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11								1.11	nomo			VL 486, p. 3
12/18/44	10:38:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11								1.11	nomo			VL 486, p. 3
12/21/44	0:36:00					unknown						vf													VL 486, p. 3
12/26/44	9:35:00					kaoiki?			20	20.0	21.9	vf	2.36								2.36	nomo		Mauna Loa in VL	VL 486, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
12/27/44	3:42:00	19	29.0	155	35.0	ml mok	24	24		34.5	42.0	st	5.15	light trace	5.78			5.6	GUTE	5.78	hono	VI; VI (USE; S&C)	e edge Mokuaweoweo; felt widely Hawaii island, plainly on Oahu; objects off shelves Pepeekeo and, stone fences down in Hilea; dismantled seismographs; Warshauer notes: sharp quake awakened people; dur few secs, no damage in Hilo; pronounced in hnp	VL 486, p. 3; HTH, 12/27/1944
12/27/44	3:42:00					do																do	Warshauer notes: A moderate earthquake shook Honolulu and the island of Oahu at 5:15 a.m. [hawaii military time] today, but apparently caused no damage. Windows rattled and residents reported the tremor seemed to roll along the ground.	VL time agrees with Hon film record, newspaper time in error; HTH, 12/27/1944
12/27/44	4:21:00	19	29.0	155	35.0	ml mok	24	24		34.5	42.0	vf	2.82							2.82	nomo		e edge Mokuaweoweo	VL 486, p. 3
12/27/44	4:27:00	19	29.0	155	35.0	ml mok	24	24		34.5	42.0	vf	2.82							2.82	nomo		do; Warshauer notes: the earthquake [at 4 a.m. HST] was followed by two smaller quakes at 6 and 7 a.m. [daylight saving times approximate?]	VL 486, p. 3; HTH, 12/27/1944
12/27/44	5:46:00	19	29.0	155	35.0	ml mok	24	24		34.5	42.0	s	4.38	no trace	no trace					4.38	nomo	III	do; dismantled seismographs; Warshauer notes: the earthquake [at 4 a.m. HST] was followed by two smaller quakes at 6 and 7 a.m. [daylight saving times approximate?]	VL 486, p. 3; HTH, 12/27/1944
12/30/44	9:21:00	19	29.0	155	35.0	ml mok	24	24		34.5	42.0	m	5.15	5.36	5.50					5.43	hono	III	do	deeper?; VL 486, p. 3; not found in HTH
12/31/44	11:10:00	19	16.2	155	28.9	hilea	20.8	20.8		29.4	36.0	m	5.04	4.93	5.08					5.00	hono	III	wood valley; do	VL 486, p. 3; not found in HTH
12/31/44	19:53:00					unknown						vf												VL 486, p. 3
1/4/45	12:18:00					unknown						vf												VL 487, p. 5
1/6/45	5:57:00	19	16.2	155	28.9	hilea				29.4	30.7	f-felt	3.61							3.61	nomo	felt	wood valley; felt-Kapapala, Pahala	VL 487, p. 5
1/9/45	18:57:00					hilea?			35	35.0	36.1	s-felt	4.27							4.27	nomo	felt	felt-Pahala	VL 487, p. 5
1/9/45	19:08:00					unknown						vf												VL 487, p. 5
1/11/45	18:53:00					unknown						vf												VL 487, p. 5
1/24/45	10:38:00	19	25.00	155	16.20	kl cal deep	20.0	21.0		1.9	21.1	m	4.39	4.32	4.33					4.32	hono	felt	island	VL 487, p. 5
2/5/45	18:43:00					ml ner			30	30.0	31.3	f-felt	3.63							3.63	nomo	felt	NE rift; felt-hnp	VL 487, p. 5
2/17/45	4:24:00					unknown						vf												VL 487, p. 5
2/18/45	15:55:00	19	24.5	155	22.7	kaoiki				12.6	15.5	s-felt	3.68							3.68	nomo	felt	Ohaikea; felt-hnp	VL 487, p. 5
2/21/45	2:00:00					unknown						vf												VL 487, p. 5
2/23/45	10:53:00	19	24.5	155	22.7	kaoiki				12.6	15.5	f	3.14							3.14	nomo		Ohaikea	VL 487, p. 5
2/24/45	18:43:00	19	24.5	155	22.7	kaoiki				12.6	15.5	vf	2.12							2.12	nomo		do	VL 487, p. 6
2/26/45	6:34:00					unknown						vf												VL 487, p. 6
3/5/45	0:00:00					ml swr			45	45.0	45.9	m	4.93	4.91	5.04					4.97	hono	V	SW rift; felt widely Hawaii island; stopped clocks s Kona	VL 487, p. 6; VL date wrong-Honolulu record shows 3/5
3/12/45	19:00:00	19	19.00	155	2.00	kl kuer sf?		10.0	28.0	27.2	28.9	m	4.38	<4.47	<4.32					4.38	nomo	felt	in ocean off Puna-Kau boundary; felt-hnp, dismantled seismograph	location onshore would be more consistent with modern catalog and give better mag agreement with Hon consistent with felt report; VL 487, p. 6; not found in HTH
3/13/45	9:03:00					unknown						vf												VL 487, p. 6
3/18/45	7:54:00					unknown						f												VL 487, p. 6
3/24/45	13:33:00					unknown						f												VL 487, p. 6
3/26/45	10:04:00					kl kuer sf?		10.0		19.0	21.5	s	3.69							3.69	nomo	felt	felt-hnp	VL 487, p. 6
3/26/45	10:37:00					kl kuer sf os		10.0		19.0	21.5	s	3.91	no record	no trace					3.91	nomo	felt	off coast south of Kilauea; felt-east Hawaii island	VL 487, p. 6
3/28/45	5:22:00					unknown						vf												VL 487, p. 6
3/28/45	19:58:00					ml ner			30	30.0	31.3	f	3.63							3.63	nomo		NE rift	VL 487, p. 6
3/29/45	18:32:00					unknown						vf												VL 487, p. 6
3/30/45	5:34:00					unknown						vf												VL 487, p. 6
3/30/45	8:31:00					unknown						vf												VL 487, p. 6
3/31/45	20:02:00	19	13.0	155	44.7	ml swr				56.3	57.0	vf-felt	3.03							3.03	nomo	felt	SW rift near Puu Keokeo; felt-s Kona	VL 487, p. 6
4/2/45	0:54:00					unknown						vf												VL 488, p. 3
4/2/45	11:23:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 488, p. 3
4/2/45	18:37:00					kilauea		3.0		8.0	8.5	m	3.77	no trace	no trace					3.77	nomo	felt	Kilauea in VL; felt-hnp	average distance and depth assumed from modern catalog locations of near-caldera events; VL 488, p. 3
4/2/45	19:51:00					kilauea		3.0		8.0	8.5	s	3.27							3.27	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 488, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/3/45	1:38:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 488, p. 3
4/3/45	20:50:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 488, p. 3
4/4/45	20:36:00					hilea?			40	40.0	41.0	vf-felt	3.14							3.14	nomo	felt	felt-Pahala	VL 488, p. 3
4/6/45	14:03:00					unknown						vf												VL 488, p. 3
4/6/45	23:52:00					unknown						vf												VL 488, p. 3
4/8/45	22:10:00					unknown						vf												VL 488, p. 3
4/12/45	21:49:00					unknown						f												VL 488, p. 3
4/13/45	4:06:00					kilauea		3.0		8.0	8.5	s	3.27							3.27	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 488, p. 3
4/13/45	7:02:00					unknown						vf												VL 488, p. 3
4/13/45	18:43:00					unknown						vf												VL 488, p. 3
4/14/45	4:46:00					unknown						vf												VL 488, p. 3
4/15/45	1:35:00					unknown						f												VL 488, p. 3
4/16/45	18:52:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 488, p. 3
4/18/45	6:41:00					kilauea		3.0		8.0	8.5	s	3.27							3.27	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 488, p. 3
4/18/45	9:04:00					kilauea		3.0		8.0	8.5	s	3.27							3.27	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 488, p. 3
4/20/45	16:08:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 488, p. 3
4/21/45	2:41:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 488, p. 3
4/22/45	18:33:00					unknown						vf												VL 488, p. 3
4/29/45	1:59:00					kl cal 0-5?		2.0		3.0	3.6	s-felt	2.67							2.67	nomo	felt	felt-hnp	VL 488, p. 3
5/1/45	13:33:00					unknown						vf												VL 488, p. 3
5/19/45	1:48:00					kaoiki			20	20.0	21.9	m	4.70	5.22	5.37					5.30	hono	V (USE; S&C)	e slope Mauna Loa; felt generally Hawaii island, slightly on Oahu	deeper?; VL 488, p. 3; not found in HTH
5/19/45	2:05:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		aftershock?	VL 488, p. 3
5/19/45	2:18:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		aftershock?	VL 488, p. 3
5/19/45	3:33:00					kaoiki?			20	20.0	21.9	f-felt	3.38							3.38	nomo	felt	aftershock?; felt	VL 488, p. 3
5/19/45	21:21:00					kaoiki?			20	20.0	21.9	s	3.93							3.93	nomo		Mauna Loa in VL	VL 488, p. 3
5/29/45	18:45:00	19	31.0	155	32.4	kaoiki	20.8	20.8		30.9	37.3	s	4.29	no trace	no trace					4.29	nomo	felt	5 mi SW of Puu Ulaula; felt-hnp, Hilo, s Kona	VL 488, p. 3
5/30/45	1:27:00					unknown						vf												VL 488, p. 3
5/31/45	15:06:00					kl kuer sf	9.6	9.6		19.0	21.3	s-felt	3.90							3.90	nomo	felt	off south coast; felt-hnp	VL 488, p. 3
6/1/45	16:13:00					unknown						vf												VL 488, p. 3
6/7/45	0:26:00					unknown						vf												VL 488, p. 3
6/8/45	4:25:00					kona			65	65.0	65.6	vf	3.13							3.13	nomo		Kona	VL 488, p. 3
6/14/45	19:46:00	19	11.3	155	28.7	hilea				35.4	36.5	s	4.28	<4.45	4.07					4.07	hono	felt	near Pahala; felt-hnp, Pahala	VL 488, p. 3
6/27/45	8:34:00					kl cal 0-5		2.0		3.0	3.6	f	2.12							2.12	nomo			VL 488, p. 3
6/27/45	19:40:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 488, p. 3
6/28/45	4:08:00					kl cal 0-5?		2.0		3.0	3.6	f-felt	2.12							2.12	nomo	felt	felt-hnp	VL 488, p. 3
6/29/45	16:37:00					ml ner			33	33.0	34.2	f	3.69							3.69	nomo		upper NE rift	VL 488, p. 3
7/1/45	7:46:00					unknown						vf												VL 489, p. 4
7/3/45	20:06:00					unknown						vf												VL 489, p. 4
7/4/45	18:08:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 489, p. 4
7/6/45	6:54:00					unknown						vf												VL 489, p. 4
7/6/45	13:46:00					unknown						vf												VL 489, p. 4
7/13/45	2:15:00	19	20.00	155		kl mer sf	8.0	8.0		29.6	30.6	m	4.65	4.98	4.60					4.79	hono	IV	coast SW of Kalapana; felt widely-e half Hawaii island; dismantled e-w component; Warshauer notes: Residents in several sections of Hilo felt an earthquake which some describe as "fairly strong" at 3:15 AM [daylight saving time]; duration over 5 minutes	VL 489, p. 4; HTH, 7/13/1945
7/14/45	2:54:00					unknown						vf												VL 489, p. 4
7/16/45	4:15:00					unknown						vf												VL 489, p. 4
7/25/45	3:46:00					unknown						vf												VL 489, p. 4

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
7/25/45	7:03:00					unknown						vf												VL 489, p. 4
7/28/45	10:50:00					unknown						vf												VL 489, p. 4
7/30/45	5:14:00					kilauea		3.0		8.0	8.5	f-felt	2.72							2.72	nomo	felt	Kilauea in VL; felt-hnp	average distance and depth assumed from modern catalog locations of near-caldera events; VL 489, p. 4
8/2/45	7:51:00					unknown						vf												VL 489, p. 4
8/9/45	9:46:00					kaoiki			25.5	25.5	27.0	s	4.07	3.85	3.85					3.85	hono	felt	e slope Mauna Loa above Kapapala; felt SW Hawaii island	Honolulu records quake at 20:16; time 10:46 (Daylight savings time?); VL 489, p. 4; not found in HTH
8/15/45	15:26:00					unknown						vf												VL 489, p. 4
8/27/45	3:31:00					unknown						f												VL 489, p. 4
8/30/45	6:54:00					unknown						vf												VL 489, p. 4
9/5/45	9:18:00	19	32.5	155	28.0	ml ner				24.9	26.5	f-felt	3.51							3.51	nomo	felt	NE rift n of Puu Ulaula; felt-hnp, Hilo	VL 489, p. 4
9/7/45	18:51:00					unknown						vf												VL 489, p. 4
9/8/45	15:26:00					unknown						vf												VL 489, p. 4
9/17/45	16:59:00	19	24.60	155	17.10	kl cal 0-5?		2.0	3.5	3.4	4.0	f	2.19							2.19	nomo	IV	accompanied by landslide in Halemaumau	VL 489, p. 4
9/19/45	5:33:00					ml nf			36	36.0	37.1	s	4.29	4.38	3.89					4.14	hono	V (USE)	bet Mauna Loa and Mauna Kea; felt widely Hawaii island	VL 489, p. 4; not found in HTH
9/21/45	4:47:00					kl cal 0-5?		2.0		3.0	3.6	vf	1.11							1.11	nomo			VL 489, p. 4
9/23/45	15:39:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 489, p. 4
9/29/45	21:45:00					unknown						vf												VL 489, p. 4
9/29/45	21:52:00					unknown						vf												VL 489, p. 4
9/30/45	2:05:00					unknown						vf												VL 489, p. 4
9/30/45	18:18:00					unknown						vf												VL 489, p. 4
9/30/45	21:49:00	19	25.80	155	16.60	kl cal 0-5		2.0	2.0	1.7	2.6	vf	0.88							0.88	nomo		n end of Kilauea crater	VL 489, p. 4
10/4/45	11:43:00					unknown						vf												VL 490, p. 3
10/8/45	13:04:00					unknown						vf												VL 490, p. 3
10/8/45	19:38:00					unknown						vf												VL 490, p. 3
10/9/45	0:59:00					unknown						vf												VL 490, p. 3
10/10/45	22:53:00					unknown						vf												VL 490, p. 3
10/12/45	15:15:00					unknown						vf												VL 490, p. 3
10/15/45	5:45:00					unknown						vf												VL 490, p. 3
10/16/45	19:59:00					unknown						vf												VL 490, p. 3
10/21/45	17:35:00					mauna kea os			90	90.0	90.4	vf	3.35							3.35	nomo		in ocean n of Mauna Kea	VL 490, p. 3
10/25/45	4:34:00					unknown						vf												VL 490, p. 3
10/26/45	4:46:00					unknown						vf												VL 490, p. 3
10/29/45	2:23:00					unknown						vf												VL 490, p. 3
10/29/45	21:18:00					unknown						vf												VL 490, p. 3
10/29/45	22:40:00					unknown						vf												VL 490, p. 3
10/30/45	4:05:00					kl kuer sf?		10.0		16.0	18.9	f-felt	3.27							3.27	nomo	felt	near Hilina pali; felt-hnp	VL 490, p. 3
11/5/45	18:59:00					unknown						vf												VL 490, p. 3
11/17/45	18:02:00					unknown						vf												VL 490, p. 3
11/18/45	9:21:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 490, p. 3
11/24/45	8:27:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 490, p. 3
11/27/45	18:25:00					hilea			40	40.0	41.0	f-felt	3.81							3.81	nomo	felt	SW of Pahala; felt-Kau, s Kona	VL 490, p. 3
11/29/45	8:12:00					unknown						vf												VL 490, p. 3
11/30/45	9:25:00					unknown						vf												VL 490, p. 3
12/1/45	20:25:00					hilea?			35	35.0	36.1	f-felt	3.73							3.73	nomo	felt	felt-Pahala	VL 490, p. 3
12/2/45	18:08:00					unknown						vf												VL 490, p. 3
12/5/45	22:28:00					hilea?			35	35.0	36.1	vf-felt	3.05							3.05	nomo	felt	felt-Pahala	VL 490, p. 3
12/6/45	18:21:00					unknown						vf												VL 490, p. 3
12/6/45	20:27:00					unknown						vf												VL 490, p. 3
12/11/45	7:03:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 490, p. 3
12/15/45	0:03:00					unknown						vf												VL 490, p. 3
12/15/45	4:33:00					unknown						vf												VL 490, p. 3
12/16/45	20:30:00					kaoiki			20	20.0	21.9	s	4.18	5.41	4.96					5.19	hono	felt	e flank of Mauna Loa; felt-hnp, Pahala, Hilo; e-w component dismantled	deeper?, farther away? or moderate?; Honolulu mag too high for felt report?; VL 490, p. 3
12/16/45	23:12:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo			VL 490, p. 3
12/19/45	7:05:00					unknown						vf												VL 490, p. 3
12/20/45	11:21:00					unknown						vf												VL 490, p. 3
12/22/45	5:32:00					unknown						vf												VL 490, p. 3
12/23/45	3:07:00					unknown						vf												VL 490, p. 3
12/24/45	0:51:00					kilauea		3.0		8.0	8.5	s-felt	3.27							3.27	nomo	felt	Kilauea in VL; felt-hnp, e-w dismantled	average distance and depth assumed from modern catalog locations of near-caldera events; VL 490, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
12/24/45	5:15:00					unknown						f												VL 490, p. 3
12/26/45	1:02:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 490, p. 3
12/26/45	4:00:00					unknown						vf												VL 490, p. 3
12/26/45	8:05:00					unknown						f												VL 490, p. 3
12/26/45	12:44:00					unknown						vf												VL 490, p. 3
12/30/45	8:02:00					unknown						vf												VL 490, p. 3
1/2/46	22:51:00					unknown						vf												VL 491, p. 5
1/3/46	5:52:00					unknown						vf												VL 491, p. 5
1/3/46	9:18:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 491, p. 5
1/4/46	2:26:00					unknown						vf												VL 491, p. 5
1/4/46	2:28:00					unknown						vf												VL 491, p. 5
1/8/46	10:40:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 491, p. 5
1/10/46	15:13:00					unknown						vf												VL 491, p. 5
1/15/46	9:43:00					unknown						vf												VL 491, p. 5
1/18/46	13:20:00					unknown						vf												VL 491, p. 5
1/22/46	9:21:00					unknown						vf												VL 491, p. 5
1/26/46	21:56:00					unknown						vf												VL 491, p. 5
1/27/46	2:35:00					unknown						vf												VL 491, p. 5
1/27/46	10:46:00					unknown						vf												VL 491, p. 5
2/4/46	12:12:00					unknown						vf												VL 491, p. 5
2/6/46	4:45:00	19	8.0	155	28.7	hilea				40.3	41.3	s-felt	4.36	4.76	4.76					4.76	hono	felt	near coast below Pahala; felt-Kau, s Kona	VL 491, p. 5
2/6/46	17:43:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 491, p. 5
2/8/46	6:15:00					ml ner			30	30.0	31.3	s-felt	4.17	4.37	4.37					4.37	hono	felt	NE rift; felt-hnp, Pahala, Hilo	VL 491, p. 5
2/14/46	9:03:00					ml swr			48	48.0	48.8	s	4.26	no trace	no trace					4.26	nomo		middle SW rift	VL 491, p. 5
2/14/46	16:02:00					ml swr?			48	48.0	48.8	vf	2.92							2.92	nomo			VL 491, p. 5
2/16/46	15:26:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	
2/17/46	2:26:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 491, p. 5
2/17/46	6:27:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	
2/23/46	22:44:00					kohala?			60	60.0	60.7	s	4.41	no trace	no trace					4.41	nomo	felt	felt-n Kona, s Kohala	closer? or feeble?; VL 491, p. 5
2/26/46	9:24:00					unknown						vf												VL 491, p. 5
3/3/46	8:20:00					unknown						vf												VL 491, p. 5
3/3/46	8:38:00					unknown						vf												VL 491, p. 5
3/5/46	9:42:00	19	32.0	155	28.0	ml ner				24.5	26.1	f	3.50							3.50	nomo		near Puu Ulaula	VL 491, p. 5
3/6/46	0:26:00					unknown						vf												VL 491, p. 5
3/9/46	17:12:00					unknown						vf												VL 491, p. 5
3/12/46	7:04:00					unknown						vf												VL 491, p. 5
3/12/46	18:19:00					unknown						vf												VL 491, p. 5
3/20/46	15:06:00					unknown						vf												VL 491, p. 5
3/27/46	18:57:00					unknown						vf												VL 491, p. 5
3/27/46	21:44:00					unknown						vf												VL 491, p. 5
3/28/46	21:36:00					unknown						vf												VL 491, p. 5
3/29/46	1:28:00					unknown						vf												VL 491, p. 5
3/30/46	16:11:00					unknown						vf												VL 491, p. 5
4/8/46	8:58:00					ml mok deep?		40	35	35.0	53.2	s-felt	4.32	no trace	no trace					4.32	nomo	felt	deep under Mauna Loa in VL; felt widely	VL 492, p. 7
4/9/46	10:03:00					kilauea		3.0		8.0	8.5	s-felt	3.27							3.27	nomo	felt	Kilauea in VL; felt-hnp	average distance and depth assumed from modern catalog locations of near-caldera events; VL 492, p. 7
4/17/46	12:56:00					unknown						vf												VL 492, p. 7
4/18/46	1:46:00					unknown						vf												VL 492, p. 7
4/21/46	7:10:00					kl cal deep		30.0	4.0	4.0	30.3	vf	2.59							2.59	nomo		deep under Kilauea in VL	VL 492, p. 7
4/21/46	22:35:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 492, p. 7
4/22/46	10:48:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 492, p. 7
4/23/46	3:37:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 492, p. 7
4/23/46	22:24:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 492, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/25/46	18:25:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 492, p. 7
4/27/46	19:11:00					unknown						vf												VL 492, p. 7
4/30/46	4:55:00					unknown						vf												VL 492, p. 7
5/7/46	14:38:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 492, p. 7
5/15/46	9:45:00					unknown						vf												VL 492, p. 7
5/19/46	18:36:00					kl ler sf?		10.0		60.0	60.8	s-felt	4.63	4.73	4.72					4.72	hono	felt	felt-hnp, Hilo	Honolulu amplitude average of two readings; s-p on Honolulu record, felt report, and magnitude suggests ler sf; ed assumed for mag agreement; VL 492, p. 7
5/19/46	21:35:00					kl ler sf?		10.0		60.0	60.8	vf	3.07	no trace	no trace					3.07	nomo		location assumed	similar to preceding quake on Honolulu record; VL 492, p. 7
5/23/46	8:40:00					mauna kea			50	50.0	50.8	vf	2.95							2.95	nomo		Mauna Kea	VL 492, p. 7
5/30/46	17:17:00					kaoiki			20	20.0	21.9	f	3.38							3.38	nomo		e slope Mauna Loa	VL 492, p. 7
5/31/46	9:09:00					unknown						vf												VL 492, p. 7
6/5/46	2:39:00	19	21.5	155	25.6	kaoiki				19.2	21.2	f	3.36							3.36	nomo		e slope Mauna Loa near Ainapo	VL 492, p. 7
6/5/46	10:02:00	19	16.80	155	15.50	kl kuer sf		10.0	16.5	16.8	19.5	s-felt	3.85							3.85	nomo	felt	south coast near Puu Kapukapu; felt-Kau	VL 492, p. 7
6/5/46	16:17:00					unknown						vf												VL 492, p. 7
6/8/46	1:13:00					unknown						vf												VL 492, p. 7
6/10/46	2:56:00					unknown						vf												VL 492, p. 7
6/10/46	17:51:00					kaoiki?			20	20.0	21.9	f-felt	3.38							3.38	nomo	felt	felt-Kau	VL 492, p. 7
6/20/46	13:34:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 492, p. 7
6/20/46	13:38:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 492, p. 7
6/20/46	13:51:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 492, p. 7
6/26/46	21:01:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 492, p. 7
6/27/46	4:38:00					kona			65	65.0	65.6	vf-felt	3.46							3.46	nomo	felt	felt-Kona	VL 492, p. 7
6/29/46	12:01:00					unknown						vf												VL 492, p. 7
6/30/46	3:03:00					unknown						vf												VL 492, p. 7
6/30/46	22:02:00					unknown						vf												VL 492, p. 7
7/3/46	3:21:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 493, p. 3
7/5/46	12:14:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
7/6/46	2:06:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
7/9/46	13:33:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 493, p. 3
7/11/46	4:43:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
7/13/46	23:34:00					kaoiki			20	20.0	21.9	f	3.38							3.38	nomo		e slope Mauna Loa	VL 493, p. 3
7/15/46	10:45:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
7/20/46	11:49:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 493, p. 3
7/25/46	14:32:00					hilea?			35	35.0	36.1	f-felt	3.73							3.73	nomo	felt	felt-Pahala	VL 493, p. 3
7/27/46	5:51:00					unknown						vf												VL 493, p. 3
7/28/46	15:40:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 493, p. 3
7/29/46	15:25:00					unknown						vf												VL 493, p. 3
7/29/46	22:51:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
8/1/46	12:59:00					ml ner?			30	30.0	31.3	f	3.63							3.63	nomo		NE slope Mauna Loa	VL 493, p. 3
8/5/46	9:30:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
8/8/46	16:28:00					ml ner?			30	30.0	31.3	s-felt	4.17	no trace	no trace					4.17	nomo	felt	NE slope Mauna Loa; felt-hnp	VL 493, p. 3
8/20/46	10:10:00					ml mok?		40	35	35.0	53.2	vf	2.98							2.98	nomo		Mauna Loa deep in	VL 493, p. 3
8/29/46	22:45:00					ml ner?			30	30.0	31.3	f	3.63							3.63	nomo		NE slope Mauna Loa	VL 493, p. 3
8/30/46	2:43:00					ml swr?			55	55.0	55.7	vf	3.01							3.01	nomo		SW slope Mauna Loa	VL 493, p. 3
9/2/46	16:39:00					ml ner?			30	30.0	31.3	f-felt	3.63	no trace	notrace		4.57			3.63	nomo	felt	NE slope Mauna Loa; felt-hnp, Kona	[not sure whether s-p horizontal has the same characteristics as the Neumann-LaBarre instrument after Nov./1946]; VL 493, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/4/46	13:21:00					ml ner?			30	30.0	31.3	s-felt	4.17	no trace	4.12					4.12	hono	III	NE slope Mauna Loa; felt-hnp; Warshauer notes: the strongest quake we've had in quite awhile rocked the volcano and Kau regions; felt duration several sec, no damage; felt in Honolulu [unlikely?]	VL 493, p. 3; HTH, 9/5; 10/6/1946
9/11/46	11:59:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
9/12/46	10:25:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		NE slope Mauna Loa	VL 493, p. 3
9/15/46	1:52:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		NE slope Mauna Loa	VL 493, p. 3
9/18/46	3:33:00					kaoiki			25	25.0	26.6	vf-felt	3.24							3.24	nomo	III	e slope Mauna Loa; felt-Kapapala; Warshauer notes: An earthquake accompanied by a sharp, explosive like noise was felt at Kapapala ranch at 3:33 a.m. September 18.	VL 493, p. 3; HTH, 10/6/1946
9/19/46	19:00:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
9/20/46	22:18:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
9/23/46	19:43:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
9/24/46	3:43:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
9/24/46	11:08:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 493, p. 3
9/24/46	20:06:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
9/27/46	7:00:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
9/29/46	23:07:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 493, p. 3
10/8/46	16:34:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 494, p. 7
10/8/46	23:56:00	19	29.7	155	22.5	kaoiki	16	16		14.0	21.2	s-felt	3.90	no trace	no trace		4.06			4.06	hono	felt	NE slope Mauna Loa 1 mi e of Mauna Loa seismograph; felt-hnp, Hilo	VL 494, p. 7
10/10/46	5:59:00					hualalai deep		40	90	90.0	98.5	vf-felt	4.15	obsc. trace	obsc. trace		4.79			4.47	aver	felt	NW coast of Hualalai; felt-Kona, Maui; Warshauer notes: An earthquake October 10 was widely felt on Maui and scattered points on this island originated deep under the Hualalai coast	VL 494, p. 7; HTH, 11/5/1946
10/12/46	12:59:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 494, p. 7
10/14/46	3:25:00	19	29.4	155	35.0	ml mok	5	5		34.6	35.0	vf	2.69							2.69	nomo		n end of Mokuaweoweo	VL 494, p. 7
10/16/46	10:09:00					unknown						vf												VL 494, p. 7
10/16/46	23:02:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 494, p. 7
10/18/46	1:04:00					unknown						vf												VL 494, p. 7
10/25/46	7:13:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 494, p. 7
10/25/46	9:35:00					unknown						vf												VL 494, p. 7
10/26/46	5:52:00					unknown						vf												VL 494, p. 7
10/27/46	0:14:00					unknown						vf												VL 494, p. 7
10/28/46	6:53:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 494, p. 7
10/29/46	18:43:00					kaoiki deep		20	20	20.0	28.3	s	4.10	<4.37	<4.27		3.59			4.10	nomo		e slope Mauna Loa; Warshauer notes: the earthquake of October 29, which rocked most of the eastern half of Hawaii, originated deep under the east slope of Mauna Loa.	[not sure whether s-p horizontal has the same characteristics as the Neumann-LaBarre instrument after Nov./1946]; Hon film time is 18:46, nomogram magnitude accepted; VL 494, p. 7; HTH, 11/5/1946
10/29/46	21:00:00					unknown						vf												VL 494, p. 7
10/29/46	23:58:00					unknown						vf												VL 494, p. 7
11/3/46	19:04:00					unknown						vf												VL 494, p. 7
11/4/46	10:03:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	shallow?; VL 494, p. 7
11/5/46	8:37:00					unknown						f												VL 494, p. 7
11/7/46	0:59:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	shallow?; VL 494, p. 7
11/11/46	13:37:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 494, p. 7
11/12/46	13:24:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 494, p. 7
11/13/46	5:41:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 494, p. 7
11/13/46	22:10:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	shallow?; VL 494, p. 7
11/17/46	1:14:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	shallow?; VL 494, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
11/20/46	2:09:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 494, p. 7
11/23/46	10:15:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	shallow?; VL 494, p. 7
11/30/46	1:54:00					kaoiki deep		40	20	20.0	44.7	s	4.42	4.22	no trace					4.22	hono		e slope Mauna Loa	VL VL 494, p. 7
12/3/46	12:56:00					unknown						f												VL 494, p. 7
12/5/46	11:33:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 494, p. 7
12/11/46	13:53:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 494, p. 7
12/12/46	23:28:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 494, p. 7
12/13/46	17:10:00					ml ner?	12	12	30	30.0	32.3	f	3.65							3.65	nomo		NE slope Mauna Loa	VL 494, p. 7
12/15/46	2:36:00					kilauea		3.0		8.0	8.5	f-felt	2.72							2.72	nomo	felt	Kilauea in VL; felt-hnp	average distance and depth assumed from modern catalog locations of near-caldera events; VL 494, p. 7
12/22/46	7:02:00					hilo	24	24	30	30.0	38.4	f-felt	4.09	<4.32	<4.32		4.32			4.32	hono	felt	felt-e Hawaii island	VL 494, p. 7; Hon film time is 7:04
12/22/46	11:53:00	19	29.4	155	9.3	hilo deep?	40	40	13.5	13.0	42.0	f-felt	3.83							3.83	nomo	felt	Glenwood; felt-hnp	VL 494, p. 7
12/23/46	0:10:00					unknown						vf												VL 494, p. 7
12/24/46	20:09:00					unknown						vf												VL 494, p. 7
12/27/46	12:05:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 494, p. 7
12/28/46	22:24:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 494, p. 7
1/2/47	4:16:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 495, p. 6
1/9/47	7:16:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 495, p. 6
1/11/47	2:52:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 495, p. 6
1/13/47	1:43:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 495, p. 6
1/15/47	9:47:00					ml ner			30	30.0	31.3	s	4.17	4.37	<4.27		4.83			4.37	hono		NE rift; M-S magnitude accepted as preferred	N-L high?; VL 495, p. 6; Hon film time is 9:48
1/16/47	14:03:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 495, p. 6
1/19/47	7:42:00					unknown						vf												VL 495, p. 6
1/22/47	22:46:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 495, p. 6
1/25/47	18:16:00					unknown						vf												VL 495, p. 6
1/26/47	17:34:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 495, p. 6
1/28/47	16:22:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		near Mokuaweoweo	VL 495, p. 6
1/29/47	20:46:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 495, p. 6
2/5/47	22:53:00					kilauea		3.0		8.0	8.5	s	3.27	no trace	no trace		no trace			3.27	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 495, p. 6
2/11/47	5:15:00					ml wf			48	48.0	48.8	vf	2.92							2.92	nomo		w slope Mauna Loa	VL 495, p. 6
2/13/47	2:37:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 495, p. 6
2/13/47	9:44:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 495, p. 6
2/17/47	2:39:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 495, p. 6
2/19/47	15:19:00					kona?			65	65.0	65.6	vf	3.13							3.13	nomo	felt	felt-Kona	VL 495, p. 6
2/21/47	18:06:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo		Mauna Loa in VL	VL 495, p. 6
2/26/47	18:54:00					ml ner			30	30.0	31.3	f-felt (slight?)	4.17	<4.55	no trace		<4.47			4.17	nomo	felt	NE rift; felt generally-e Hawaii island; mag calculated assuming "slight" fits felt report better	VL 495, p. 6; not found in HTH
3/5/47	23:08:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 495, p. 6
3/8/47	21:40:00					unknown						vf												VL 495, p. 6
3/8/47	23:03:00					unknown						vf												VL 495, p. 6
3/13/47	3:52:00					kl cal 0-5?		2.0	3.0	3.0	3.6	f-felt	2.12							2.12	nomo	felt	felt-hnp	VL 495, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/15/47	16:14:00					kilauea		3.0		8.0	8.5	f-felt	2.72							2.72	nomo	felt	Kilauea in VL; felt-hnp	average distance and depth assumed from modern catalog locations of near-caldera events; VL 495, p. 6
3/19/47	23:06:00					ml mok deep	40	40	35	35.0	53.2	m (slight?)	4.80	4.38	4.22		4.42			4.34	hono	V (USE)	deep under Mauna Loa; felt widely-Hawaii island; dismantled MLO seismometer; Warshauer notes: strong quake under Mauna Loa east slope dismantled seismographs at HVO; shallower than others recently; especially strong at and Kapapala; felt in Hilo	shallower?, or slight?; VL 495, p. 6; HTH, 3/20/1947
3/20/47	11:41:00					unknown						vf												VL 495, p. 6
3/21/47	17:37:00	19	44.0	156	3.8	hualalai				91.0	91.5	f	4.37	<4.17	<4.17		4.57			4.37	nomo		Keahole pt	N-L high?; VL 495, p. 6; not found in HTH
3/22/47	14:29:00					unknown						vf												VL 495, p. 6
3/28/47	9:57:00					unknown						f												VL 495, p. 6
3/28/47	9:59:00					unknown						vf												VL 495, p. 6
3/28/47	11:56:00					kaoiki?			20	20.0	21.9	s	3.93							3.93	nomo		Mauna Loa in VL	VL 495, p. 6
3/29/47	20:11:00					ml ner			30	30.0	31.3	s-felt	4.17	<3.91	<4.07		3.68			3.68	hono	felt	NE slope Mauna Loa; felt-hnp, Hilo	Honolulu data average of two readings; VL 495, p. 6
3/30/47	15:50:00					unknown						vf												VL 495, p. 6
3/31/47	0:37:00					ml ner?			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 495, p. 6
4/2/47	23:57:00					unknown						vf												VL 496, p. 3
4/8/47	5:10:00					unknown						vf												VL 496, p. 3
4/10/47	5:57:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 496, p. 3
4/12/47	1:07:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo		Mauna Loa in VL	VL 496, p. 3
4/12/47	1:10:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo			VL 496, p. 3
4/12/47	1:46:00					kaoiki			20	20.0	21.9	s-felt	4.18	no trace	no trace		no trace			4.18	nomo	felt	felt-Kapapala	VL 496, p. 3
4/12/47	2:28:00					kaoiki?			20	20.0	21.9	s	3.93	no trace	no trace		no trace			3.93	nomo			VL 496, p. 3
4/12/47	2:29:00					kaoiki			20	20.0	21.9	s-felt	4.18	no trace	no trace		no trace			4.18	nomo	felt	felt-Kapapala	VL 496, p. 3
4/12/47	2:49:00					unknown						vf												VL 496, p. 3
4/12/47	18:27:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 496, p. 3
4/13/47	6:05:00					unknown						vf												VL 496, p. 3
4/13/47	6:21:00					unknown						vf												VL 496, p. 3
4/15/47	16:15:00					unknown						f												VL 496, p. 3
4/17/47	1:27:00					unknown						vf												VL 496, p. 3
4/20/47	3:27:00					unknown						vf												VL 496, p. 3
4/20/47	12:17:00					unknown						f												VL 496, p. 3
4/20/47	23:27:00					unknown						f												VL 496, p. 3
4/21/47	23:58:00					unknown						vf												VL 496, p. 3
4/22/47	14:40:00					ml ner?			30	30.0	31.3	f	3.63							3.63	nomo		NE slope Mauna Loa	VL 496, p. 3
4/23/47	20:07:00					unknown						vf												VL 496, p. 3
4/24/47	3:14:00					unknown						vf												VL 496, p. 3
4/28/47	7:34:00					unknown						f												VL 496, p. 3
4/28/47	22:30:00					unknown						vf												VL 496, p. 3
4/29/47	6:17:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo		Mauna Loa in VL	VL 496, p. 3
4/29/47	23:18:00					unknown						vf												VL 496, p. 3
4/30/47	4:24:00					unknown						vf												VL 496, p. 3
5/2/47	10:44:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 496, p. 3
5/3/47	3:58:00					unknown						vf												VL 496, p. 3
5/5/47	19:58:00					unknown						s												VL 496, p. 3
5/9/47	6:07:00					unknown						vf												VL 496, p. 3
5/9/47	17:10:00					unknown						vf												VL 496, p. 3
5/11/47	5:09:00					unknown						vf												VL 496, p. 3
5/15/47	21:18:00					unknown						vf												VL 496, p. 3
5/17/47	9:38:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 496, p. 3
5/21/47	9:44:00					kl swr		2.0	7.0	7.0	7.3	f	2.61							2.61	nomo		SW rift	VL 496, p. 3
5/27/47	3:31:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 496, p. 3
5/27/47	17:09:00					unknown						vf												VL 496, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/29/47	17:12:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 496, p. 3
5/31/47	3:05:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 496, p. 3
5/31/47	17:37:00					unknown						vf												VL 496, p. 3
6/1/47	5:48:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 496, p. 3
6/9/47	14:53:00					unknown						vf												VL 496, p. 3
6/14/47	23:00:00					kl cal 10-20?		15.0	4.0	4.0	15.5	m	4.18	<4.12	<4.2		4.48			4.18	nomo	felt	moderate depth under Kilauea; felt locally and as far as Papaikou; MLO instrument dismantled	N-L high?; VL 496, p. 3
6/19/47	5:24:00					kl cal 10-20?		13.0	4.0	4.0	13.6	m	4.09	4.18	4.02		3.85			4.02	hono	felt	shallow under Kilauea; felt locally; e-w dismantled	VL 496, p. 3
6/19/47	5:36:00					unknown						vf												VL 496, p. 3
6/21/47	11:01:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 496, p. 3
6/26/47	14:23:00					kaoiki	24	24	20	20.0	31.2	s-felt	4.17	no trace	no trace		3.94			3.94	hono	felt	e slope Mauna Loa; felt-hnp,, Hilo; Warshauer notes: The quake last Thursday, recorded about 2:30 p.m., was felt all the way from Hilo to	VL 496, p. 3; HTH, 6/30/1947
7/7/47	5:59:00					unknown						vf												VL 497, p. 3
7/14/47	11:52:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 497, p. 3
7/15/47	12:25:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 497, p. 3
7/17/47	15:17:00					unknown						vf												VL 497, p. 3
7/21/47	6:18:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo		Mauna Loa in VL	VL 497, p. 3
7/23/47	1:52:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 497, p. 3
7/23/47	10:25:00					ml swr			50	50.0	50.8	f	3.96							3.96	nomo		SW rift	VL 497, p. 3
7/26/47	16:57:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 497, p. 3
7/28/47	15:40:00					unknown						vf												VL 497, p. 3
7/30/47	17:15:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 497, p. 3
8/7/47	5:04:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 497, p. 3
8/7/47	20:36:00					kaoiki			20	20.0	21.9	s-felt	3.93	no trace	no trace		no trace			3.93	nomo	felt	e slope Mauna Loa; felt-hnp,, Hilo	VL 497, p. 3
8/10/47	2:16:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 497, p. 3
8/11/47	12:52:00					unknown						vf												VL 497, p. 3
8/12/47	7:42:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 497, p. 3
8/15/47	18:46:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 497, p. 3
8/18/47	9:52:00					kl cal deep		21.0	5.0	5.0	21.6	m	4.41	4.15	4.39		no record			4.27	hono	felt	deep under Kilauea; felt locally and at Naalehu; E-W seismograph dismantled; Warshauer notes: An earthquake at 9:52 AM was felt as far as Hilo.	VL 497, p. 3; HTH, 8/18; 19/1947
8/18/47	10:01:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		"Kilauea" in VL; Warshauer notes: A feeble quake was recorded at 10:01 a.m.	VL 497, p. 3; HTH, 8/19/1947
8/18/47	14:11:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo		quake	VL 497, p. 3; HTH, 8/19/1947
8/19/47	1:22:00					kaoiki?			20	20.0	21.9	vf	1.74							1.74	nomo		Warshauer notes: Another feeble [vf in] quake, probably of Mauna Loa origin	VL 497, p. 3; HTH, 8/19/1947
8/19/47	6:44:00					kaoiki?			20	20.0	21.9	s-felt	4.18	no trace	no trace		no record			4.18	nomo	felt	Mauna Loa in VL; felt locally and at Naalehu; Warshauer notes: strong at Naalehu and Kapapala, "much stronger" than the [Kilauea] quake at 9:52 a.m. Aug. 18	VL 497, p. 3; HTH, 8/19/1947
8/24/47	2:35:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 497, p. 3
8/28/47	15:15:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 497, p. 3
8/29/47	21:49:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 497, p. 3
8/30/47	15:21:00					unknown						vf												VL 497, p. 3
9/1/47	1:33:00					unknown						vf												VL 497, p. 3
9/2/47	5:17:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 497, p. 3
9/4/47	17:49:00					unknown						vf												VL 497, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/6/47	17:28:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 497, p. 3
9/6/47	17:45:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 497, p. 3
9/12/47	4:29:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 497, p. 3
9/21/47	5:50:00	19	42.2	155	28.0	ml nf deep	36	36		37.2	51.8	s-felt	4.52	4.35	<4.50		4.28			4.31	hono	IV	deep below Humuula; felt widely-Hawaii island, few on Maui; Warshauer notes: Big Island, from to Hilo and as far west as Pahala in Kau, shook for 3.5 min early Sunday; no damage; slow swaying, intense for 20 sec, acc by rumbling	Honolulu data average of 2 readings; shallower?; VL 497, p. 3; HTH, 9/22/1947
9/22/47	7:41:00					kl cal 0-5?		2.0		3.0	3.6	vf (f?)	2.12							2.12	nomo		Warshauer notes: a feeble earthquake [was registered by HVO seismographs] under Kilauea volcano at 7:40 a.m.	VL 497, p. 3; HTH, 9/22/1947
9/30/47	4:04:00					kl cal deep	11.2	25.0	5.0	5.0	25.5	m	4.52	4.45	4.63		5.15			4.74	hono	V	east of Kilauea crater; felt generally-s Kona to Hilo; Warshauer notes: Roused sleepers all over island, duration > 1 min; toppled radio antenna and caused a hole to form in Hilo; movement horizontal and vertical; dismantled all seismographs on island	N-L peak trace invisible; VL 497, p. 3; HTH, 9/30/1947
9/30/47	4:09:00					unknown						s												VL 497, p. 3
10/3/47	9:21:00					unknown						vf												VL 498, p. 3
10/17/47	0:27:00	19	16.8	155	27.2	kaoiki			26	26.3	27.8	s-felt	4.09	no trace	no trace		4.11			4.11	hono	felt	near Kapapala; felt generally-e Hawaii island	VL 498, p. 3
10/23/47	9:42:00					unknown						vf												VL 498, p. 3
10/24/47	18:02:00					hilea?			40	40.0	41.0	vf-felt	3.54							3.54	nomo	felt	felt-Naalehu	VL 498, p. 3
10/28/47	22:00:00					unknown						vf												VL 498, p. 3
10/30/47	15:07:00					unknown						vf												VL 498, p. 3
10/31/47	2:13:00	19	28.5	155	35.5	ml mok				35.2	36.3	m	4.53	4.43	4.33		4.11			4.29	hono	V	Mokuaweoweo; felt widely-e half Hawaii island; clocks stopped in s Kona	VL 498, p. 3; not found in HTH
11/8/47	15:53:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo		Mauna Loa in VL	VL 498, p. 3
11/8/47	16:15:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 498, p. 3
11/13/47	21:01:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 498, p. 3
11/15/47	1:43:00					unknown						vf												VL 498, p. 3
11/16/47	3:55:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo			VL 498, p. 3
11/23/47	1:17:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 498, p. 3
11/25/47	8:43:00					unknown						vf												VL 498, p. 3
11/25/47	11:31:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo			VL 498, p. 3
12/9/47	21:14:00					unknown						f												VL 498, p. 3
12/12/47	12:50:00					unknown						vf												VL 498, p. 3
12/14/47	10:10:00					kl cal deep	32.0	32.0		5.0	32.4	m	4.69	<4.27	<4.27		4.89			4.69	nomo	IV	felt-hnp, Hilo; Warshauer notes: deep earthquake 20 mi under Kilauea; rattled windows and dishes in the Hilo, Volcano and Kau districts; pronounced vertical motion; felt quite plainly in hnp region, acc. by a rumble; dismantled mlo and HVO seismographs	N-L high, M-S low; VL 498, p. 3; HTH, 12/15/1947
12/17/47	0:01:00					kaoiki			20	20.0	21.9	vf-felt	3.11							3.11	nomo	felt	e slope Mauna Loa; felt-Kapapala	VL 498, p. 3
12/18/47	9:01:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 498, p. 3
12/19/47	23:07:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo			VL 498, p. 3
12/20/47	5:18:00	19	28.5	155	35.5	ml mok				35.2	36.3	s-felt	4.28	<4.17	<4.22		4.72			4.42	hono	felt	Mokuaweoweo; felt-e half Hawaii island; Warshauer notes: widely felt	Honolulu data average of 2 readings; N-L mag high; VL 498, p. 3; HTH, 12/2/1947
12/22/47	2:55:00					kaoiki			20	20.0	21.9	f	3.38							3.38	nomo		e slope Mauna Loa; Warshauer notes: a severe earthquake	VL 498, p. 3; HTH, 12/2/1947
12/24/47	6:38:00	19	21.5	155	25.6	kaoiki				19.2	21.2	s-felt	4.16	no trace	no trace		no trace			4.16	nomo	V	e slope Mauna Loa near Ainapo; felt-hnp, Hilo,; Warshauer notes: The third earthquake to originate under Mauna Loa in five days awakened Big Island residents at 6:38 a.m. today. It was particularly noticeable in the Puueo section of Hilo.	VL 498, p. 3; HTH, 12/24/1947
12/29/47	16:28:00					unknown						vf												VL 498, p. 3
1/3/48	6:04:00					ml mok			35	35.0	36.1	f-felt	3.73							3.73	nomo	felt	Mokuaweoweo; felt-hnp	VL 499, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/8/48	16:15:00					kaoiki			20	20.0	21.9	s-felt	4.18	no trace	no trace		4.12			4.12	hono	felt	e slope Mauna Loa; felt-hnp; Warshauer notes: Seismographs at Hawaii National Park registered a fairly deep earthquake southwest of Kilauea volcano at 4:30 p.m. Thursday. The quake was felt in the volcano district and parts of Hilo.	VL 499, p. 3; HTH, 1/9/1948 [time differs from VL -same quake or a separate one, possibly kl cal deep, not recorded in VL 499?]
1/10/48	17:11:00					kaoiki			20	20.0	21.9	s-felt	3.93	no trace	no trace		3.86			3.86	hono	felt	e slope Mauna Loa; felt-hnp	VL 499, p. 3
1/11/48	1:50:00					unknown						vf												VL 499, p. 3
1/15/48	6:16:00					ml ner			30	30.0	31.3	s-felt	4.17	<4.37	no trace		<3.27			4.17	nomo	III	NE slope Mauna Loa; felt-hnp, Hilo; Warshauer notes: a moderate [slight in] earthquake was felt at 6:16 a.m. today, lasting several seconds in the Puueo section of Hilo. It was felt, not severely, in the volcano region and other sections of the island.	VL 499, p. 3; HTH, 1/15/1948
1/17/48	9:50:00					kl kuer sf		10.0	16.0	16.0	18.9	f	3.27							3.27	nomo		Hilina pali	VL 499, p. 3
1/17/48	19:32:00					oahu				0.0				3.42	3.03					3.23	hono	III? (Cox)	felt-Oahu	Cox, 1986; foreshock of 6/28/1948 quake? not recorded at Whitney vault; VL 499, p. 3
1/18/48	12:10:00					unknown						vf												VL 499, p. 3
1/23/48	15:04:00					unknown						vf												VL 499, p. 3
1/26/48	23:02:00					ml ner			30	30.0	31.3	s-felt	4.43	no trace	no trace		4.61			4.61	hono	felt	NE rift; felt- to Hilo; Warshauer notes: A moderate earthquake, originating on the northeast slope of Mauna Loa, was registered at 11:02 p.m.; the earthquake was felt over a wide area, including the Puueo section of Hilo	N-L high?; VL 499, p. 3; HTH, 1/27/1948
1/29/48	8:55:00					unknown						vf												VL 499, p. 3
1/31/48	10:32:00					unknown						vf												VL 499, p. 3
2/1/48	11:58:00					hilea?			50	50.0	50.8	f-felt	3.96							3.96	nomo	felt	SW slope Mauna Loa; felt-	VL 499, p. 3
2/2/48	1:12:00					unknown						vf												VL 499, p. 3
2/2/48	22:31:00					unknown						vf												VL 499, p. 3
2/6/48	13:44:00					unknown						vf												VL 499, p. 3
2/6/48	16:17:00					unknown						vf												VL 499, p. 3
2/7/48	8:59:00					unknown						vf												VL 499, p. 3
2/7/48	18:04:00					kona?			59	59.0	59.7	vf	3.06							3.06	nomo		SW slope Mauna Loa	VL 499, p. 3
2/8/48	3:56:00					kilauea		3.0		8.0	8.5	s	3.27							3.27	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 499, p. 3
2/8/48	4:18:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 499, p. 3
2/8/48	7:07:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 499, p. 3
2/10/48	10:40:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 499, p. 3
2/12/48	4:14:00					hilea?			40	40.0	41.0	s	4.14	no trace	no trace		3.59			3.59	hono		SW slope Mauna Loa	closer?; VL 499, p. 3
2/20/48	9:30:00					kilauea		3.0		8.0	8.5	s-felt	3.27	<4.20	<4.20		<3.93			3.27	nomo	felt	Kilauea in VL; felt-hnp	average distance and depth assumed from modern catalog locations of near-caldera events; VL 499, p. 3
2/20/48	9:37:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 499, p. 3
2/26/48	0:52:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 499, p. 3
2/27/48	21:20:00					unknown						vf												VL 499, p. 3
3/2/48	10:05:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 499, p. 3
3/2/48	17:07:00					unknown						vf												VL 499, p. 3
3/5/48	2:43:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 499, p. 3
3/9/48	8:30:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo	felt	Mauna Loa in VL; Warshauer notes: An earthquake at 8:30 a.m. Tuesday was felt in the volcano region. The temblor originated under Mauna Loa	VL 499, p. 3; HTH, 3/10/1948
3/9/48	15:46:00					kohala?			65	65.0	65.6	s-felt	4.46	no trace	no trace		4.43			4.43	hono	felt	felt from Hilo to Kona; off coast north of Hualalai; Warshauer notes: An earthquake, originating either under Hualalai or Mauna Kea, was recorded by HVO at 3:46 p.m. Tuesday. The quake was felt over a wide area, including Hilo and.	closer? or feeble?; newspaper location (approx 65 km from HVO gives better fit than location (95 km from HVO); VL 499, p. 3; HTH, 3/10/1948
3/16/48	3:43:00					unknown						f												VL 499, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/19/48	16:18:00					kl cal deep		25.0		3.0	25.2	m	4.52	4.16	det		4.78			4.35	hono	IV	deep Kilauea; felt-Hilo to Naalehu; Warshauer notes: A sharp temblor shook the Big Island at 4:18 p.m. Friday, the strongest in three months; a vertical quake, strongly felt in the volcano area and in most areas of Hilo	Honolulu amplitude average of two readings; N-L high; M-S E-W detected; not read because record was being changed; VL 499, p. 3; HTH, 3/20/1948
3/19/48	16:31:00					kl cal deep																	Warshauer notes: [the quake above] was followed by weaker temblors at 4:31 p.m.	[aftershocks not recorded in VL 499]; HTH, 3/20/1948
3/19/48	23:09:00					hilea?			40	40.0	41.0	vf-felt	3.54							3.54	nomo	felt	felt-Naalehu	VL 499, p. 3
3/26/48	6:08:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo		Mauna Loa in VL	VL 499, p. 3
3/27/48	1:03:00					unknown						vf												VL 499, p. 3
3/27/48	11:44:00					unknown						vf												VL 499, p. 3
3/30/48	0:53:00					unknown						vf												VL 499, p. 3
3/31/48	8:41:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 499, p. 3
3/31/48	16:44:00					unknown						vf												VL 499, p. 3
4/5/48	11:23:00					unknown						vf												VL 500, p. 4
4/6/48	0:25:00	19	25.80	155	16.60	kl cal 0-5		2.0	3.0	1.7	2.6	s-felt	2.70							2.70	nomo	felt	n end Kilauea crater; felt-hnp	VL 500, p. 4
4/6/48	19:53:00					unknown						vf												VL 500, p. 4
4/6/48	22:12:00					unknown						vf												VL 500, p. 4
4/14/48	9:01:00					unknown						vf												VL 500, p. 4
4/15/48	3:37:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo			VL 500, p. 4
4/24/48	10:05:00					kaoiki			20	20.0	21.9	s-felt	3.93	no trace	no trace		no trace			3.93	nomo	felt	e slope Mauna Loa; felt-hnp, Hilo	VL 500, p. 4
4/24/48	23:59:00					kaoiki?			20	20.0	21.9	f-felt	3.38							3.38	nomo	felt	Mauna Loa in VL; felt hnp	VL 500, p. 4
4/28/48	20:53:00					unknown						vf												VL 500, p. 4
4/30/48	0:51:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 500, p. 4
5/20/48	20:04:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		Mokuaweoweo	VL 500, p. 4
5/22/48	11:34:00					hualalai deep		20	70	70.0	72.8	s-felt	4.54	4.10	no trace		no record			4.10	hono	felt	originated deep under Hualalai at 11:33 a.m. Saturday. The temblor was felt in the volcano district.	closer to Kilauea? and/or shallower?; VL 500, p. 4; HTH, 5/24/1948
5/24/48	23:16:00					ml ner			30	30.0	31.3	s-felt	4.17	no trace	no trace		no trace			4.17	nomo	felt	NE rift; felt-hnp	VL 500, p. 4
5/26/48	0:39:00					unknown						f												VL 500, p. 4
5/29/48	16:29:00	19	28.5	155	35.5	ml mok				35.2	36.3	vf	2.71							2.71	nomo		Mokuaweoweo	VL 500, p. 4
5/29/48	18:45:00					unknown						vf												VL 500, p. 4
6/1/48	7:34:00					kl kuer sf		10.0	12.0	12.0	15.6	f	3.14							3.14	nomo			VL 500, p. 4
6/2/48	21:13:00					unknown						vf												VL 500, p. 4
6/3/48	8:58:00					unknown						vf												VL 500, p. 4
6/5/48	12:08:00					unknown						vf												VL 500, p. 4
6/6/48	10:17:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 500, p. 4
6/18/48	6:05:00					unknown						vf												VL 500, p. 4
6/19/48	17:06:00					kaoiki			20	20.0	21.9	s-felt	3.93							3.93	nomo	felt	e slope Mauna Loa; felt-hnp	VL 500, p. 4
6/24/48	17:49:00					unknown						f												VL 500, p. 4
6/25/48	10:18:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 500, p. 4
6/25/48	13:05:00					kaoiki?			20	20.0	21.9	f-felt	3.38							3.38	nomo	felt	Mauna Loa in VL	VL 500, p. 4
6/28/48	1:42:00	21	12.0	157	54.0	oahu				340.8	340.9	s-felt	5.61	seis dism.	seis dism.		seis dism.	4.8	Cox; (W&K, p. 72)	5.20	aver	VI; VI (Cox; S&C)	Oahu; felt-Hilo; Warshauer notes: felt in Hilo and recorded at HVO; 125-150 miles away, possibly in Molokai vicinity; considerable damage in Honolulu, including houses shifted on foundations, pipes broken and lots of broken plaster and window panes.	Cox, 1986; Cox mag too low?-even HVO location near Molokai yields M 5.4 5; wrong date--6/26/48--in VL 500, p. 4; HTH, 6/28/1948; see bib for more complete damage report; preferred mag calculated as average of nomogram and Cox
6/28/48	10:51:00					unknown						vf												VL 500, p. 4
7/3/48	18:14:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 501, p. 3
7/12/48	0:29:00					hilea?			40	40.0	41.0	vf-felt	3.14							3.14	nomo	felt	felt-Naalehu	VL 501, p. 3
7/17/48	6:11:00					hilea?			40	40.0	41.0	vf-felt	3.14							3.14	nomo	felt	felt-Naalehu	VL 501, p. 3
7/19/48	10:08:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 501, p. 3
7/24/48	13:19:00					kaoiki?			20	20.0	21.9	f-felt	3.38							3.38	nomo	felt	Mauna Loa in VL; felt-hnp, Hilo	VL 501, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
7/30/48	2:28:00					kl cal 10-20?	9.6	15.0		3.0	15.3	m	4.17	4.25	4.33		3.70			4.10	hono	V	e of Kilauea crater; felt-hnp; awakened people; Warshauer notes: Residents of the volcano district were jarred by two "fairly sharp" temblors at 2:28 and 2:31 a.m. today. Both quakes were felt generally in the volcano district. No reports from elsewhere.	N-L low; VL 501, p. 3; HTH, 7/30/1948; HTH, 8/5/1948
7/30/48	2:31:00					kl cal 10-20?	9.6	15.0		3.0	15.3	m	4.17	4.15	4.25		3.88			4.10	hono	V	do	do
7/30/48	2:44:00					kl cal 05-10?	9.6	9.6		3.0	10.1	s	3.38	no trace	no trace		no trace			3.38	nomo	felt	e of Kilauea crater; felt-hnp	VL 501, p. 3
7/30/48	12:28:00					kl cal 05-10?	9.6	9.6		3.0	10.1	f	2.84							2.84	nomo	felt	e of Kilauea crater; felt-hnp	VL 501, p. 3
7/30/48	16:46:00					kl cal 05-10?	9.6	9.6		3.0	10.1	s	3.38	no trace	no trace		no trace			3.38	nomo	felt	e of Kilauea crater; felt-hnp	VL 501, p. 3
7/30/48	16:56:00					kl cal 05-10?	9.6	9.6		3.0	10.1	s	3.38	no trace	no trace		no trace			3.38	nomo	felt	e of Kilauea crater; felt-hnp	VL 501, p. 3
8/1/48	8:59:00					unknown						vf												VL 501, p. 3
8/3/48	3:04:00					ml ner			30	30.0	31.3	m (slight?)	4.17	no trace	no trace		3.80			3.80	hono	felt	NE rift; felt hnp, Hilo	slight?; VL 501, p. 3
8/4/48	15:59:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 501, p. 3
8/6/48	14:23:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 501, p. 3
8/8/48	5:14:00					kaoiki?			20	20.0	21.9	vf-felt	3.11							3.11	nomo	felt	Mauna Loa in VL; felt-hnp	VL 501, p. 3
8/10/48	6:38:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 501, p. 3
8/29/48	17:48:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 501, p. 3
8/29/48	17:49:00					unknown						vf												VL 501, p. 3
9/3/48	20:31:00					unknown						vf												VL 501, p. 3
9/4/48	7:36:00	19	28.5	155	35.5	ml mok			35	35.2	36.3	vf	2.71							2.71	nomo		Mokuaweoweo	VL 501, p. 3
9/5/48	8:01:00					ml ner			30	30.0	31.3	f-felt	3.63							3.63	nomo	felt	NE rift; felt-hnp, Hilo	VL 501, p. 3
9/5/48	8:52:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 501, p. 3
9/7/48	11:05:00					kaoiki?			20	20.0	21.9	f-felt	3.38							3.38	nomo	felt	Mauna Loa in VL; felt-hnp	VL 501, p. 3
9/13/48	8:20:00					ml nf	36	36	32	32.0	48.2	m	4.97	5.15	5.23		4.88			5.09	hono	IV	se of Mauna Kea; felt-e half Hawaii island; Warshauer notes: A heavy earthquake, felt all the way from Hilo to, rocked the southern end of the Big Island at 8:22 a.m. today. Finch said they were deep under Mauna Loa.	VL 501, p. 3; HTH, 9/13/1948
9/15/48	9:45:00	19	28.5	155	35.5	ml mok				35.2	36.3	s	4.05	no trace	no trace		3.22			4.05	nomo		Mokuaweoweo	N-L low?; VL 501, p. 3
9/18/48	22:23:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 501, p. 3
9/19/48	14:51:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 501, p. 3
9/21/48	18:44:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo		Mauna Loa in VL	VL 501, p. 3
9/28/48	3:53:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 501, p. 3
10/7/48	18:12:00					hualalai			70	70.0	70.6	vf	3.18							3.18	nomo		Hualalai	VL 502, p. 3
10/9/48	0:53:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 502, p. 3
10/9/48	18:06:00					unknown						vf												VL 502, p. 3
10/10/48	12:06:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 502, p. 3
10/18/48	10:51:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 502, p. 3
10/18/48	17:30:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 502, p. 3
10/27/48	16:13:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 502, p. 3
11/14/48	3:28:00					ml ner			30	30.0	31.3	f	3.63							3.63	nomo		NE rift	VL 502, p. 3
11/21/48	9:33:00					unknown						vf												VL 502, p. 3
11/23/48	13:22:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 502, p. 3
11/25/48	9:55:00					unknown						vf												VL 502, p. 3
11/28/48	9:45:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 502, p. 3
12/7/48	20:22:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE slope Mauna Loa	VL 502, p. 3
12/9/48	6:44:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 502, p. 3
12/9/48	15:05:00					kl cal 0-5?		2.0	3.0	3.0	3.6	f-felt	2.12							2.12	nomo	felt	felt-hnp	VL 502, p. 3
12/13/48	7:35:00					kaoiki?			20	20.0	21.9	s	3.93	no trace	no trace		no trace			3.93	nomo		Mauna Loa in VL	VL 502, p. 3
12/18/48	14:57:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 502, p. 3
12/20/48	9:01:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 502, p. 3
12/23/48	21:02:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 502, p. 3
12/26/48	3:30:00					unknown						vf												VL 502, p. 3
12/28/48	11:08:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 502, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
12/28/48	14:08:00					unknown						vf												VL 502, p. 3
12/29/48	19:58:00					unknown						vf												VL 502, p. 3
12/31/48	23:59:00					ml ner?			18	18.0	20.1	t (ml)	0.97							2.59	calc		72 events on mlo seismograph, an increase over the preceding months [assumed to be Mauna Loa northeast rift seismicity precursory to the eruption that began Jan. 6, 1949]	61 events, out of 72 recorded during December, assumed to be t (ml); VL 503, p. 7
1/4/49	20:20:00					unknown						vf												VL 503, p. 8
1/6/49	15:47:00					ml mok?					35.0													Mokuaweoweo; eruption tremor begins; VL 503, p. 7
1/6/49	15:59:00	19	28.5	155	35.5	ml mok		8		35.2	36.1	m	4.53	no trace	no trace		no trace			4.53	nomo		2 mi NE of Mokuaweoweo; one of the strongest quakes of the series	closer? or slight?; VL 503, p. 7, 8
1/6/49	23:59:00					ml mok					35.0	vf?	1.89							2.96	calc			eqs; 15 events out of 16 recorded at mlo seismograph on this day; VL 503, p. 7
1/7/49	3:10:00					unknown						vf												VL 503, p. 8
1/8/49	0:49:00	19	22.10	155	12.00	kl cal deep	20.0	20.0		9.5	22.1	m	4.19	<4.37	<4.85		3.85			3.85	hono	V	10-15 miles deep under Alae crater; Warshauer notes: A sharp earthquake rocked the Big Island at 12:55 a.m. today, awakening residents of the Kilauea volcano area, Hilo and other areas	Honolulu amplitude average of two readings; VL 503, p. 8; HTH, 1/8/1949
1/15/49	6:40:00					ml swr deep	36	20	25	25.0	32.0	m	4.45	4.45	no trace		4.07			4.26	hono	IV	above wood valley; Warshauer notes: Hilo this morning was rocked by a heavy earthquake at 6:40, dismantled the e-w component of the Hilo seismograph; the temblor was felt in all parts of the island, particularly in Kona, Kau, Puna and Hilo.	closer? normal Kaoiki depth?; VL 503, p. 8; HTH, 1/15; 16/1949 [time given as 12:40 a.m.-newspaper time fits Hon time]
1/15/49	11:16:00					kohala os			110	110.0	110.4	s	4.82	4.50	4.08		4.78			4.45	hono		ocean w of Kohala	closer?; VL 503, p. 8
1/16/49	14:30:00					kl koae?	14.4	10.0		7.0	12.2	s	3.52							3.52	nomo		Kau desert near Kilauea	VL 503, p. 8
1/20/49	14:27:00	19	55.0	155	46.7	mauna kea deep		40		76.8	86.6	vf-felt	4.06							4.06	nomo	felt	Deep; 10 mi SW of; Warshauer notes: A moderate earthquake at 2:28 p.m. Thursday originated at Kohala or the NW part of Mauna Kea; described as "very distinct" at Honokaa; also felt at Kona and Kohala and very slightly at the volcano.	VL 503, p. 8; HTH, 1/21/1949
1/20/49	18:09:00					ml ner			30	30.0	31.3	f	3.63							3.63	nomo		northeast rift of Mauna Loa; Warshauer notes: dismantled Mauna Loa seismograph; time and intensity not available	VL 503, p. 8; HTH, 1/21/1949
1/26/49	8:30:00					hilea?		10		40.0	41.2	f?-felt	3.82	<4.2	<4.2		<3.06			3.82	nomo	felt	Warshauer notes: A moderate [cannot be-feeble? or slight?] earthquake, about 8:30 a.m. Wednesday, was plainly felt in	looked for, not found on Hon film record; HTH, 1/27/1949 [not reported in VL 503!]
1/26/49	11:45:00					kaoiki deep		40	20	20.0	44.7	vf	2.86							2.86	nomo		deep under e slope Mauna Loa	VL 503, p. 8
1/26/49	13:06:00	19	55.0	155	46.7	mauna kea deep		40		76.8	86.6	f	4.33	no trace	no trace		no trace			4.33	nomo		10 mi SW of Waimea	VL 503, p. 8
1/26/49	23:57:00	19	24.5	155	22.7	kaoiki	8	8		12.6	14.9	m	4.15	4.16	4.18		4.38			4.24	hono	felt	Ohaikea; Warshauer notes: a slight temblor at 11:47 p.m. originated under the east slope of Mauna Loa; plainly felt at Naalehu; [same as the moderate quake in at 11:57?}	Honolulu data average of two readings; VL 503, p. 8; HTH, 1/27/1949
1/27/49	0:04:00					kaoiki			20	20.0	21.9	s	3.93	no trace	no trace		no trace			3.93	nomo		e slope Mauna Loa; Warshauer notes: [an earthquake] at 12:04 a.m. today was also under Mauna Loa	VL 503, p. 8; HTH, 1/27/1949
1/27/49	0:16:00					unknown						vf												VL 503, p. 8
1/28/49	15:50:00					kaoiki	8	8	20	20.0	21.5	m	4.41	<4.02	<4.20		4.28			4.28	hono		e slope Mauna Loa	Honolulu data average of two readings; VL 503, p. 8; HTH, 2/26/1949
1/28/49	19:45:00					kaoiki	12.8	12.8	20	20.0	23.7	m	4.24	no trace	no trace		3.16			3.70	aver		e slope Mauna Loa; preferred magnitude calculated as average of Honolulu and nomogram	N-L low?; VL 503, p. 8
1/29/49	3:29:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 503, p. 8
2/4/49	22:16:00					unknown						vf												VL 503, p. 8
2/5/49	17:00:00																							Mokuaweoweo eruption ends; VL 503, p. 3, 7
2/7/49	18:08:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		"Mauna Loa" in	VL 503, p. 8
2/17/49	7:33:00					unknown						vf												VL 503, p. 8
2/19/49	1:13:00					unknown						f												VL 503, p. 8
2/19/49	4:34:00					unknown						vf												VL 503, p. 8
2/19/49	12:04:00					unknown						vf												VL 503, p. 8
2/19/49	14:47:00					unknown						vf												VL 503, p. 8
2/19/49	17:06:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 503, p. 8
2/20/49	8:45:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 503, p. 8
2/20/49	9:32:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 503, p. 8

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
2/20/49	9:46:00					unknown						vf												VL 503, p. 8
2/20/49	21:16:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 503, p. 8
2/21/49	16:22:00					unknown						vf												VL 503, p. 8
2/22/49	4:48:00					kilauea		3.0		8.0	8.5	f	2.72							2.72	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 503, p. 8
2/23/49	23:55:00					unknown						vf												VL 503, p. 8
2/24/49	1:02:00					unknown						vf												VL 503, p. 8
2/26/49	13:20:00					ml mok			35	35.0	36.1	vf-felt	3.46							3.46	nomo	felt	felt-Kapapala; Warshauer notes: the samall quake at 1:20 p.m. Saturday occurred in Mokuaweoweo crater	VL 503, p. 8; HTH, 2/28/1949
2/26/49	13:54:00	19	33.2	155	24.2	ml ner				20.3	22.2	st	4.70	4.85	4.71		5.13			4.90	hono	V (USE); IV	NE rift 7000 ft; felt strongly-Hilo to Naalehu; Warshauer notes: the large [quake] at 1:55 emanated from the northeast rift at an altitude of 7,000 feet; dismantled instruments at HVO and Hilo; felt from Naalehu to Hilo, perhaps wider	VL 503, p. 8; HTH, 2/27; 28/1949
2/27/49	5:13:00					unknown						vf												VL 503, p. 8
2/27/49	10:28:00					kl koae?		5.0	7.0	7.0	8.6	s	3.27	no trace	no trace		no trace			3.27	nomo		s slope Kilauea	VL 503, p. 8
2/27/49	13:45:00					hilea?			48	48.0	48.8	f-felt	3.94	no trace	no trace		no trace			3.94	nomo	felt	felt-Pahala	VL 503, p. 8
2/27/49	17:18:00					kaoiki			20	20.0	21.9	f	3.38							3.38	nomo		e slope Mauna Loa	VL 503, p. 8
2/28/49	16:58:00					ml ner			25	25.0	26.6	vf	2.50							2.50	nomo		NE rift	VL 503, p. 8
3/2/49	14:20:00					unknown						vf												VL 503, p. 8
3/11/49	9:31:00					unknown						vf												VL 503, p. 8
3/23/49	11:35:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo			VL 503, p. 8
3/28/49										0.0														Mokuaweoweo eruption resumes sometime between 3/28 and 4/1/1949; VL 504, p. 1-2
3/29/49	10:58:00					unknown						vf												VL 503, p. 8
4/4/49	2:59:00					unknown						vf												VL 504, p. 5
4/7/49	9:55:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 504, p. 5
4/8/49	16:30:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 504, p. 5
4/11/49	18:40:00					kaoiki			20	20.0	21.9	m	4.42	no trace	no trace		4.46			4.46	hono	felt	Kaoiki fault; felt-	closer? or slight?; VL 504, p. 5
5/2/49	5:02:00					kona?			15	15.0	17.5	st	4.54	4.00	det.		4.34			4.17	hono	VI; V (USE; S&C)	w slope Mauna Loa; felt-Hilo, strongly at Puu Ulaula, Holualoa to; Kona seismograph broken; many sleepers awakened, some rushed out-of-doors; some objects thrown from shelves-Honaunau to Kealakekua	Honolulu data average of two readings; distance given from crude isoseismal map--assumes strong on Kona seismograph; VL 504, p. 5
5/2/49	12:55:00					kaoiki?			20	20.0	21.9	vf-felt	3.11							3.11	nomo	felt	Mauna Loa in VL; felt-Kapapala	VL 504, p. 5
5/7/49	23:26:00	19	28.5	155	35.5	ml mok	19.2	19.2		35.2	40.1	st	5.12	no trace	no trace		4.47			4.47	hono	IV (W&K) ; III	both ml seismograph components dismantled; Mokuaweoweo; felt-Holualoa, Kealakekua,	closer? or moderate?; VL 504, p. 5
5/9/49	3:26:00					unknown						vf												VL 504, p. 5
5/9/49	17:02:00					unknown						vf												VL 504, p. 5
5/14/49	10:54:00					unknown						vf												VL 504, p. 5
5/21/49	1:06:00					ml wf			50	50.0	50.8	f-felt	3.96	no trace	no trace		4.14			4.14	hono	felt	w slope Mauna Loa; felt-Holualoa	VL 504, p. 5
5/21/49	2:25:00					ml wf			50	50.0	50.8	f	3.96							3.96	nomo		w slope Mauna Loa	VL 504, p. 5
5/21/49	8:38:00					unknown						f												VL 504, p. 5
5/21/49	10:01:00					unknown						f												VL 504, p. 5
5/23/49	10:24:00	19	16.8	155	27.2	kaoiki			26	26.3	27.8	m	4.35	3.97	det.		4.16			4.07	hono	V (W&K) ; IV	s slope ml near Kapapala; felt strongly-Pahala; also hnp, Hookena; both comp. ml seismograph dismantled; Warshauer notes: sharp earthquake under Mauna Loa was also recorded on the Hilo seismograph; The quake was felt particularly strongly at Kapapala	Honolulu data average of two readings; VL 504, p. 5; HTH, 5/23/1949
5/25/49	15:10:00					unknown						vf												VL 504, p. 5
5/26/49	14:44:00					unknown						vf												VL 504, p. 5
5/28/49	17:30:00					ml wf			50	50.0	50.8	f-felt	3.96	no trace	no trace		no trace			3.96	nomo	felt	w slope Mauna Loa; felt-Holualoa	VL 504, p. 5
5/29/49	1:04:00	19	21.5	155	25.6	kaoiki				19.2	21.2	f	3.36							3.36	nomo		Kaoiki fault near Ainapo;	VL 504, p. 5
5/30/49	4:18:00					unknown						f												VL 504, p. 5

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/30/49										0.0														Mokuaweoweo eruption ends sometime between 5/20 and 6/2, probably about 5/30; VL 504, p. 5
6/3/49	4:05:00					unknown						vf												VL 504, p. 5
6/8/49	14:12:00					ml ner	5	5	25	25.0	25.5	m	4.29	no trace	no trace		no trace			4.29	nomo	III	NE rift; both components of ml seismograph dismantled	closer? or slight?; VL 504, p. 5
6/9/49	18:07:00					unknown						vf												VL 504, p. 5
6/11/49	5:41:00					ml ner			25	25.0	26.6	vf	2.50							2.50	nomo		NE rift	VL 504, p. 5
6/11/49	8:05:00					unknown						vf												VL 504, p. 5
6/17/49	5:49:00					unknown						vf												VL 504, p. 5
6/19/49	5:05:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 504, p. 5
6/19/49	12:53:00					ml ner			25	25.0	26.6	vf	2.50							2.50	nomo		NE rift	VL 504, p. 5
6/23/49	15:34:00					unknown						f												VL 504, p. 5
6/25/49	15:45:00	19	15.0	155	36.5	hilea	16	16		41.8	44.7	f	3.87							3.87	nomo		s slope Mauna Loa near Punaluu Kahawai	VL 504, p. 5
6/25/49	19:27:00	19	15.0	155	36.5	hilea	16	16		41.8	44.7	s	4.20	no trace	no trace		no trace			4.20	nomo		do	VL 504, p. 5
6/26/49	8:43:00					unknown						vf												VL 504, p. 5
6/27/49	1:57:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 504, p. 5
6/28/49	4:53:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 504, p. 5
6/30/49	7:03:00					kl uer		2.0	7.0	7.0	7.3	vf	1.60							1.60	nomo		e rift	VL 504, p. 5
7/5/49	0:44:00	19	30.40	154	51.00	kl ler sf?	19.2	10.0		44.1	45.3	m	4.92	4.74	4.65		4.70			4.70	hono		e rift near Kapoho [Honolulu magnitude suggests either deep rift event or adjacent south flank]	shallow on Honolulu seismogram; VL 505, p. 3
7/5/49	17:13:00					unknown						vf												VL 505, p. 3
7/8/49	12:42:00					unknown						vf												VL 505, p. 3
7/19/49	9:55:00					unknown						vf												VL 505, p. 3
7/28/49	17:36:00					unknown						vf												VL 505, p. 3
7/29/49	20:52:00					kaoiki?	9.6	9.6		32.0	33.4	m	4.48	no trace	no trace		3.87			3.87	hono	IV	3 mi ENE of Mokuaweoweo [location changed to Kaoiki at same distance to fit felt reports]; felt strongly-Kapapala, weakly-Hilo to hnp	closer? or slight?; VL 505, p. 3
8/5/49	14:49:00					unknown						vf												VL 505, p. 3
8/8/49	18:35:00	19	25.7	155	46.7	kona	21.6	21.6		54.5	58.7	vf	3.05							3.05	nomo		w flank Mauna Loa near Kaunene	VL 505, p. 3
8/12/49	19:05:00	19	23.0	155	24.2	kaoiki	5	5		15.9	16.7	vf	2.17							2.17	nomo		se slope Mauna Loa bet Ainapo and Ohaikea	VL 505, p. 3
8/16/49	2:20:00	19	16.2	155	33.9	hilea				36.7	37.8	vf	2.74							2.74	nomo		se slope Mauna Loa 7 mi NW of Pahala	VL 505, p. 3
8/16/49	16:23:00					kl kuer sf		10.0	16.5	16.5	19.3	vf	2.27							2.27	nomo			VL 505, p. 3
8/19/49	7:15:00					kona	16	16	68	68.0	69.9	vf	3.17							3.17	nomo		shoreline NW of Huehue ranch	VL 505, p. 3
8/19/49	19:24:00					ml ner			21	21.0	22.8	vf	2.39							2.39	nomo		NE rift	VL 505, p. 3
8/21/49	18:49:00					kl kuer sf		10.0	22.0	22.0	24.2	f-felt	3.45							3.45	nomo	felt	offshore se of Kilauea crater; felt-volcano	VL 505, p. 3
8/24/49	6:03:00					unknown						vf												VL 505, p. 4
8/24/49	14:18:00					unknown						vf												VL 505, p. 4
8/30/49	14:27:00	19	9.20	155	8.80	kl kuer sf os deep	36.0	36.0	31.5	33.1	48.9	s-felt	4.48	4.07	<4.17		4.87			4.47	hono	felt	8 mi SSE of Apua pt; felt-volcano	Honolulu amplitude average of two readings; VL 505, p. 4
8/31/49	19:23:00					ml swr deep	48	48	50	50.0	69.3	vf-felt	3.91							3.91	nomo	felt	SW rift; felt-Holualoa	VL 505, p. 4
9/1/49	12:53:00	19	19.7	155	25.7	kaoiki				21.0	22.9	m	4.45	<4.12	<4.12		4.16			4.16	hono	IV; V (W&K)	Kaoiki fault 3-4 mi NE of Kapapala ranch; felt strongly-Kapapala to, weakly-volcano to Hilo, pahoehoe to Holualoa; Warshauer notes: "strong" earthquake disabled mlo seismograph [otherwise repeats info]	Honolulu data average of two readings; VL 505, p. 4; HTH, 9/2/1949
9/2/49	2:31:00					unknown						vf												VL 505, p. 4
9/12/49	3:46:00					unknown						vf												VL 505, p. 4
9/14/49	16:47:00	19	25.4	155	20.1	kaoiki	9.6	9.6		7.8	12.4	f-felt	3.31							3.31	nomo	felt	Kaoiki fault 3 mi w of Uwekahuna; felt-Hilo	VL 505, p. 4
9/16/49	14:08:00	19	24.0	155	55.0	kona				69.2	69.8	vf-felt	3.17							3.17	nomo	felt	coastline 5 mi s of Hookena; felt-s Kona	VL 505, p. 4
9/18/49	20:38:00					unknown						vf												VL 505, p. 4
9/22/49	1:31:00	19	24.00	155	17.00	kl cal 10-20	12.8	12.8	4.5	4.2	13.5	vf	2.02							2.02	nomo		SW edge Kilauea crater	change; VL 505, p. 4
9/23/49	21:08:00					unknown						vf												VL 505, p. 4
9/26/49	8:27:00					unknown						vf												VL 505, p. 4
9/28/49	12:13:00					unknown						vf												VL 505, p. 4
10/2/49	1:28:00	19	24.00	155	16.50	kl cal 0-5		2.0	4.5	3.7	4.2	vf	1.22							1.22	nomo		s edge Kilauea crater	VL 506, p. 3
10/3/49	8:44:00	19	19.10	155	12.90	kl kuer sf	7.2	7.2	13.0	13.4	15.2	vf	2.11							2.11	nomo		Hilina-Poliokeawe fault 8 mi se of volcano house	VL 506, p. 3
10/3/49	16:57:00					unknown						vf												VL 506, p. 3
10/22/49	3:51:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 506, p. 3
10/22/49	7:55:00	19	27.2	155	35.8	ml mok				35.5	36.6	vf-felt	3.46							3.46	nomo	felt	s end Mokuaweoweo; felt-Pahala	VL 506, p. 3
10/23/49	10:14:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 506, p. 3
10/26/49	17:58:00	19	16.8	155	27.2	kaoiki			20	26.3	27.8	f-felt	3.54							3.54	nomo	felt	Kaoiki fault near Kapapala; felt-Kapapala	VL 506, p. 3
10/26/49	18:02:00	19	16.8	155	27.2	kaoiki			20	26.3	27.8	vf	2.53							2.53	nomo	felt	Kaoiki fault near Kapapala; felt-Kapapala	VL 506, p. 3
10/26/49	18:07:00	19	16.8	155	27.2	kaoiki			20	26.3	27.8	vf-felt	3.27							3.27	nomo	felt	Kaoiki fault near Kapapala	VL 506, p. 3
10/26/49	18:12:00	19	16.8	155	27.2	kaoiki			20	26.3	27.8	vf-felt	3.27							3.27	nomo	felt	Kaoiki fault near Kapapala; felt-Kapapala	VL 506, p. 3

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/27/49	3:56:00					unknown						vf												VL 506, p. 3
10/30/49	10:56:00					unknown						vf												VL 506, p. 3
11/4/49	10:37:00	19	49.5	155	28.5	mauna kea	32	32		49.3	58.8	vf	3.05							3.05	nomo		Mauna Kea summit	VL 506, p. 3
11/4/49	10:52:00	19	49.5	155	28.5	mauna kea	32	32		49.3	58.8	vf	3.05							3.05	nomo		Mauna Kea summit	VL 506, p. 3
11/4/49	11:44:00	19	49.5	155	28.5	mauna kea	32	32		49.3	58.8	vf	3.05							3.05	nomo		Mauna Kea summit	VL 506, p. 4
11/4/49	12:00:00	19	49.5	155	28.5	mauna kea	32	32		49.3	58.8	vf	3.05							3.05	nomo		Mauna Kea summit	VL 506, p. 4
11/4/49	12:12:00	19	49.5	155	28.5	mauna kea	32	32		49.3	58.8	f-felt	4.06	no trace	no trace		no trace			4.06	nomo	felt	Mauna Kea summit; felt-hunters at 10,000 ft on Mauna Kea; Warshauer notes: A rapid fire series of earthquakes in a pattern often indicative of an impending eruption occurred November 4 directly under the summit of Mauna Kea at a depth of 20 miles.	VL 506, p. 4; HTH, 11/18/1949
11/4/49	13:02:00	19	49.5	155	28.5	mauna kea	32	32		49.3	58.8	f-felt	4.06	no trace	no trace		no trace			4.06	nomo	felt	Mauna Kea summit; felt-hunters at 10,000 ft on Mauna Kea	VL 506, p. 4
11/4/49	14:10:00	19	49.5	155	28.5	mauna kea	32	32		49.3	58.8	f-felt	3.79	<4.02	<4.32		<2.83			3.79	nomo	felt	Mauna Kea summit; felt-hunters at 10,000 ft on Mauna Kea	VL 506, p. 4
11/5/49	18:45:00					mauna kea		32	44	44.0	54.4	vf	3.00							3.00	nomo		e slope Mauna Kea	VL 506, p. 4
11/23/49	2:49:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 506, p. 4
11/25/49	7:58:00	19	28.5	155	33.0	ml mok	32	21.6		30.9	37.7	m	4.56	<4.67	<4.55	bad record	bad record			4.56	nomo	III	e slope Mauna Loa near Mokuaweoweo; felt-hnp, n Kona to Hilo; Warshauer notes: felt over most of Big island; Finch placed the quake 12-15 mi below Mauna Loa's summit [20 mi in]; dismantled one component HVO, both components mlo seismographs	newspaper depth used; shallower?, closer? or slight?; VL 506, p. 4; HTH, 11/25/1949
12/11/49	3:06:00					kl cal deep	30.0	30.0	5.0	5.0	30.4	f-felt	3.61							3.61	nomo	felt	deep under Kilauea; felt-hnp	VL 506, p. 4
12/11/49	15:08:00	19	25.80	155	16.60	kl cal 0-5?		4.5	2.0	1.7	4.8	s-felt	2.87	no trace	no trace		no trace			2.87	nomo	felt	n end Kilauea crater; felt-hnp	VL 506, p. 4
12/12/49	18:56:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo			VL 506, p. 4
12/16/49	7:35:00					unknown						vf												VL 506, p. 4
1/13/50	11:54:00					kona			65	65.0	65.6	vf	3.13							3.13	nomo		inland from Kealakekua bay	VL 507, p. 3
1/20/50	19:31:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 507, p. 3
1/21/50	4:40:00					ml mok?			35	35.0	36.1	vf	2.71							2.71	nomo		near Mokuaweoweo	VL 507, p. 3
1/25/50	16:26:00					ml ner?			25	25.0	26.6	f-felt	3.51							3.51	nomo	felt	felt-volcano, Hilo	VL 507, p. 3; not found in HTH
2/12/50	6:09:00					kl mer sf?		5.0	11.5	11.5	12.5	s-felt	3.54							3.54	nomo	felt	near Makaopuhi crater; felt-hnp, Naalehu; Warshauer notes: another "slight" quake was recorded at 8:09 Sunday morning [newspaper or VL time off]	VL 507, p. 3; HTH, 2/14/1950
2/13/50	11:59:00					kaoiki	12.8	12.8	20	20.0	23.7	s-felt	3.76	<4.32	<4.2	<3.36	<3.59			3.76	nomo	felt	felt-hnp, Hilo; Warshauer notes: The earthquake that shook the volcano area yesterday about noon was "slight".	VL 507, p. 3; HTH, 2/14/1950
2/15/50	16:52:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 507, p. 3
2/19/50	8:00:00					unknown						vf												VL 507, p. 3
2/26/50	14:01:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 507, p. 3
2/28/50	4:26:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 507, p. 3
3/1/50	8:00:00					hilo			30	30.0	31.3	f	3.63							3.63	nomo		SW of Hilo	VL 507, p. 3; not found in HTH
3/7/50	21:47:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 507, p. 3
3/11/50	19:59:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 507, p. 3
3/17/50	2:35:00					kl cal 0-5		2.0	3.0	3.0	3.6	s	2.67							2.67	nomo		shallow under Kilauea in VL	VL 507, p. 3
3/17/50	4:05:00					unknown						vf												VL 507, p. 4
3/24/50	14:14:00					kl cal 0-5		2.0	3.0	3.0	3.6	s	2.45							2.45	nomo	felt	shallow under Kilauea in VL; Warshauer notes: A smaller shock was registered yesterday at 2:13 p.m., and felt at HVO and volcano. It was similar to the March 17th quake [2:35 a.m.]	VL 507, p. 4; HTH, 3/25/1950
3/25/50	5:43:00					kaoiki	28	10	27	27.0	28.8	st	4.89	4.50	4.50	4.36	4.67			4.51	hono	V	5000 ft east slope Mauna Loa; felt widely-Hawaii island; quake awakened many on Big island; particularly strong at Naalehu, Hilo and hnp; described as "moderate to strong", dismantled seismographs at Mauna Loa, Hilo and HVO (one component)	shallower?, closer? or moderate; VL 507, p. 4; HTH, 3/25/1950
3/28/50	10:57:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 507, p. 4

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/31/50	3:43:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 507, p. 4
4/5/50	4:50:00					kilauea		3.0		8.0	8.5	f-felt	2.72							2.72	nomo	felt	Kilauea in VL; felt-hnp	average distance and depth assumed from modern catalog locations of near-caldera events; VL 508, p. 12
4/8/50	0:35:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 508, p. 12
4/23/50	1:15:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 508, p. 12
4/25/50	10:09:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 508, p. 12
4/27/50	23:53:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 508, p. 12
4/28/50	2:26:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 508, p. 12
4/29/50	21:11:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 508, p. 12
5/3/50	3:48:00					unknown						vf												VL 508, p. 12
5/3/50	12:08:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 508, p. 12
5/3/50	22:19:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 508, p. 12
5/4/50	1:01:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo			VL 508, p. 12
5/4/50	4:35:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo			VL 508, p. 12
5/4/50	5:51:00					kaoiki?			20	20.0	21.9	s-felt	3.93	no trace	no trace	no trace	no trace			3.93	nomo	felt	felt-Kapapala	VL 508, p. 12; not found in HTH
5/4/50	5:54:00					kaoiki?			20	20.0	21.9	vf-felt	3.11							3.11	nomo	felt	felt-Kapapala	VL 508, p. 12
5/4/50	6:02:00					kaoiki?			20	20.0	21.9	vf-felt	3.11							3.11	nomo	felt	felt-Kapapala	VL 508, p. 12
5/4/50	7:31:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo			VL 508, p. 12
5/6/50	3:47:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo			VL 508, p. 12
5/7/50	3:10:00					ml swr?			38	38.0	39.1	vf	2.76							2.76	nomo		Mauna Loa in VL	VL 508, p. 12
5/8/50	12:01:00					ml swr?			38	38.0	39.1	vf	2.76							2.76	nomo			VL 508, p. 12
5/8/50	12:41:00					ml swr?			38	38.0	39.1	vf	2.76							2.76	nomo		Mauna Loa in VL	VL 508, p. 12
5/11/50	13:06:00					ml swr?			38	38.0	39.1	vf	2.76							2.76	nomo			VL 508, p. 12
5/11/50	19:38:00					ml swr?			38	38.0	39.1	f	3.78							3.78	nomo		Mauna Loa in VL	VL 508, p. 12; not found in HTH
5/13/50	9:27:00					ml swr?			38	38.0	39.1	vf	2.76							2.76	nomo		Mauna Loa in VL	VL 508, p. 12
5/14/50	18:39:00					ml swr?			38	38.0	39.1	f	3.78							3.78	nomo		Mauna Loa in VL	VL 508, p. 12; not found in HTH
5/18/50	10:47:00					ml swr?			38	38.0	39.1	vf	2.76							2.76	nomo		Mauna Loa in VL	VL 508, p. 12
5/18/50	14:44:00					ml swr?			38	38.0	39.1	vf	2.76							2.76	nomo		Mauna Loa in VL	VL 508, p. 12
5/19/50	0:02:00					ml swr?			38	38.0	39.1	vf	2.76							2.76	nomo		Mauna Loa in VL	VL 508, p. 12
5/20/50	1:57:00					ml swr?			38	38.0	39.1	vf	2.76							2.76	nomo		Mauna Loa in VL	VL 508, p. 12
5/26/50	1:45:00					ml swr?			38	38.0	39.1	vf	2.76							2.76	nomo		Mauna Loa in VL	VL 508, p. 12
5/27/50	11:33:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo			VL 508, p. 12
5/28/50	8:27:00					ml swr?			38	38.0	39.1	vf	2.76							2.76	nomo		Mauna Loa in VL	VL 508, p. 12
5/28/50	23:59:00					ml swr?			38	38.0	39.1	f	3.78							3.78	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	eqs; 1 event (f) not accounted for in VL 508, p. 12 table and listing, including additional events detected in Honolulu
5/28/50	23:59:00					ml swr?			38	38.0	39.1	vf	2.76							3.81	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	eqs; 14 events (vf) not accounted for in VL 508, p. 12 table and listing, including additional events detected in Honolulu
5/29/50	15:17:00	19	30.0	156	0.0	kona			70	78.3	78.8	st	5.59	no record	no record	no record	no record	6.25; 6.4	PAS; W&K	6.32	aver	VII; VII (S&C)	upper SW rift; widely felt; all instruments dismantled; damage to water tanks, stone walls, in Kona; Warshauer notes: quake rocked Big Island; duration >5 min; Hilo-broke china, lamps swung; Kona-bottles off shelves; Kona/Hilo seis dism; felt offshore	isoseismal map in W&K [W&K prefer Kona location, which we accept]; VL 508, p. 12; additional felt reports in HTH, 5/30; 6/1/1950
5/29/50	15:25:00					kona?														3.50	nomo	felt	Warshauer notes: The tremors continued throughout the night. The first rocked Kona at approximately 3:15 p.m. and others of less intensity were felt at 7 p.m., 10:45 p.m. and at 11:05 p.m. [assume May 29 times off, apparently not registered at HVO]	[aftershock-time adjusted]; HA, 5/31/1950
5/29/50	19:00:00					kona?														3.00	nomo		do	aftershock; HA, 5/31/1950
5/29/50	22:45:00					kona?														3.00	nomo		do	aftershock; HA, 5/31/1950
5/29/50	23:05:00					kona?														3.00	nomo		do	aftershock; HA, 5/31/1950

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/30/50	14:37:00					kona?					75.0	vf	3.22							3.22	nomo		Mauna Loa; Warshauer notes: Two aftershocks of the May 30 quake recorded at 2:30 p.m. and 5:29 p.m. Both were believed to have originated under Mauna Loa, but at different locations.	VL 508, p. 12; HTH, 5/31/1950
5/30/50	17:28:00					kaoiki?					25.0	s	4.02	3.85	<4.07	<3.62	3.63			3.74	hono		Mauna Loa [closer to Kilauea?]; Warshauer notes: the second shock (see above) was weakly recorded on the Hilo seismograph	Honolulu data average of two readings; VL 508, p. 12; HTH, 5/31/1950
6/1/50	13:59:00					ml swr?		5		30.0	30.4	vf	2.59							2.59	nomo		Mauna Loa in VL	VL 508, p. 12
6/1/50	21:04:00																						tremor begins	VL 508, p. 12; HTH, 6/2/1950; eruption high on Mauna Loa southwest rift zone; summit phase last four hours before volcano erupts at 8,000 feet
6/1/50	21:30:00					ml swr?		5		30.0	30.4	f?	3.34							3.34	felt		Warshauer notes: An earthquake at 9:30 last night gave Naalehuans first warning of the coming eruption. A peculiar rumbling noise, "something between the sound of a truck in the hills and thunder," was also heard.	magnitude fit for eqs during eruption is best when earthquakes referenced to Kona seismometer (31 km; not listed in VL 508; HTH, 6/2/1950
6/2/50	10:10:00					ml swr?		5		30.0	30.4	f	3.61							3.61	felt	felt	Warshauer notes: felt; stronger than the one at 9:30 p.m. June 1	not separately listed in VL 508, taken from table; HTH, 6/3/1950
6/2/50	20:54:00					ml swr?		5		30.0	30.4	s?	3.93	<3.97	<3.97	4.00	<3.27			4.00	hono			seismogram pictured in VL 509, p. 4; measured amp fits slight, but caption gives wrong day; Honolulu data average of two readings; not separately listed in VL 508
6/2/50	23:59:00					ml swr?		5		30.0	30.4	vf	2.59							2.86	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 event (vf), not separately listed in VL 508, p. 12
6/3/50	2:55:00					ml swr?																		possible detected on one Hon seismometer at this time; not separately listed in VL 508, p. 12
6/3/50	23:59:00					ml swr		5		30.0	30.4	vf	2.59							3.57	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 12 events (vf), not separately listed in VL 508, p. 12
6/3/50	23:59:00					ml swr		5		30.0	30.4	t	2.12							3.42	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 27 events (t), not separately listed in VL 508, p. 12
6/4/50	10:13:00					ml swr?		5		30.0	30.4	m?	4.41	no trace	no trace	3.92	3.42			4.04	aver		preferred magnitude calculated as average of Honolulu and nomogram	not separately listed in VL 508
6/4/50	19:54:00					ml swr?		5		30.0	30.4	s?	4.15	no trace	no trace	no trace	3.27			3.71	aver		preferred magnitude calculated as average of Honolulu and nomogram	not separately listed in VL 508
6/4/50	23:59:00					ml swr?		5		30.0	30.4	s	4.15							4.43	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (s), not separately listed in VL 508, p. 12
6/4/50	23:59:00					ml swr?		5		30.0	30.4	f	3.61							4.15	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; VL 4 events (f), not separately listed in VL 508, p. 12
6/4/50	23:59:00					ml swr?		5		30.0	30.4	vf	2.59							3.63	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 14 events (vf), not separately listed in VL 508, p. 12
6/4/50	23:59:00					ml swr?		5		30.0	30.4	t	2.12							3.24	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 17 events (t), not separately listed in VL 508, p. 12
6/5/50	3:08:21					ml swr?		5		30.0	30.4	m?	4.65	4.80	5.03	4.83	4.82			4.87	hono	felt	Warshauer notes: A series of tremors recorded by HVO were punctuated sharply by a heavy earthquake at 3:09 a.m. and another at 9 a.m. yesterday. The first one was sufficient intensity to dismantle the instrument and the second was strong enough to be felt	not separately listed in VL 508; HTH, 6/6/1950
6/5/50	9:25:00					ml swr?		5		30.0	30.4	s?	3.93	no trace	no trace	3.87	3.92			3.90	hono		Warshauer notes: see above	not separately listed in; HTH, 6/6/1950
6/5/50	9:59:00					ml swr?		5		30.0	30.4	s?	4.15	<4.07	<4.07	3.31	det.?			3.31	hono			Honolulu data average of two readings; not separately listed in VL 508; 5/be feeble instead of slight
6/5/50	19:07:00					ml swr?		5		30.0	30.4	m?	4.41	3.97	3.80	4.15	4.02			3.99	hono			not separately listed in VL 508; should be "moderate", according to table at top of p. 12, VL 508; nomogram magnitudes high unless closer to Kona station?
6/5/50	23:59:00					ml swr?		5		30.0	30.4	f	3.61							4.04	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 3 events (f), not separately listed in VL 508, p. 12
6/5/50	23:59:00					ml swr?		5		30.0	30.4	vf	2.59							3.50	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 10 events (vf), not separately listed in VL 508, p. 12
6/5/50	23:59:00					ml swr?		5		30.0	30.4	t	2.12							3.03	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 10 events (t), not separately listed in VL 508, p. 12
6/6/50	15:27:00					ml swr?		5		30.0	30.4	m?	4.41	4.20	4.20	4.32	4.35			4.27	hono			do

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
6/6/50	16:08:00					ml swr?		5		30.0	30.4	m?	4.41	4.19	4.07	<3.92	3.87			4.04	hono			Honolulu data average of two readings; not separately listed in VL 508; should be "moderate", according to table at top of p. 12, VL 508; nomogram magnitudes high unless closer to Kona station?
6/6/50	23:59:00					ml swr?		5		30.0	30.4	s	4.15							4.43	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (s), not separately listed in VL 508, p. 12
6/6/50	23:59:00					ml swr?		5		30.0	30.4	f	3.61							3.88	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (f), not separately listed in VL 508, p. 12
6/6/50	23:59:00					ml swr?		5		30.0	30.4	vf	2.59							3.41	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 8 events (vf), not separately listed in VL 508, p. 12
6/6/50	23:59:00					ml swr?		5		30.0	30.4	t	2.12							3.03	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 10 events (t), not separately listed in VL 508, p. 12
6/7/50	23:59:00					ml swr?		5		30.0	30.4	s	4.15							4.15	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (s), not separately listed in VL 508, p. 12
6/7/50	23:59:00					ml swr?		5		30.0	30.4	f	3.61							3.61	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (f), not separately listed in VL 508, p. 12
6/7/50	23:59:00					ml swr?		5		30.0	30.4	vf	2.59							3.23	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; VL 5 events (vf), not separately listed in VL 508, p. 12
6/7/50	23:59:00					ml swr?		5		30.0	30.4	t	2.12							2.94	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 8 events (t), not separately listed in VL 508, p. 12
6/8/50	6:25:00					ml swr?		5		30.0	30.4	m?	4.41	4.22	no trace	no trace	no trace			4.22	hono			not separately listed in VL 508; should be "moderate", according to table at top of p. 12, VL 508; nomogram magnitudes high unless closer to Kona station?
6/8/50	6:37:00					ml swr?		5		30.0	30.4	m?	4.41	4.07	no trace	no trace	no trace			4.07	hono			do
6/8/50	23:59:00					ml swr?		5		30.0	30.4	f	3.61							3.61	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (f), not separately listed in VL 508, p. 12
6/8/50	23:59:00					ml swr?		5		30.0	30.4	vf	2.59							2.86	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (vf), not separately listed in VL 508, p. 12
6/8/50	23:59:00					ml swr?		5		30.0	30.4	t	2.12							2.39	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (t), not separately listed in VL 508, p. 12
6/9/50	20:42:00					ml swr?		5		30.0	30.4	m?	4.41	4.10	<4.09	3.92	<3.57			3.99	hono			Honolulu data average of two readings; not separately listed in VL 508; should be "moderate", according to table at top of p. 12, VL 508; nomogram magnitudes high unless closer to Kona station?
6/9/50	22:49:00					ml swr?		5		30.0	30.4	m?	4.41	3.97	4.20	4.32	3.87			4.09	hono			not separately listed in VL 508; should be "moderate", according to table at top of p. 12, VL 508; nomogram magnitudes high unless closer to Kona station?
6/9/50	23:59:00					ml swr?		5		30.0	30.4	f	3.61							3.61	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (f), not separately listed in VL 508, p. 12
6/9/50	23:59:00					ml swr?		5		30.0	30.4	vf	2.59							3.14	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; VL 4 events (vf), not separately listed in VL 508, p. 12
6/9/50	23:59:00					ml swr?		5		30.0	30.4	t	2.12							2.55	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 3 events (t), not separately listed in VL 508, p. 12
6/10/50	23:59:00					ml swr		5		30.0	30.4	vf	2.59							2.59	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (vf), not separately listed in VL 508, p. 12
6/10/50	23:59:00					ml swr		5		30.0	30.4	t	2.12							2.39	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (t), not separately listed in VL 508, p. 12
6/11/50	15:43:00					ml swr?		5		30.0	30.4	m?	4.41	4.40	4.40	4.40	4.27			4.37	hono		Warshauer notes: Two rather strong earthquakes were registered at the Hawaiian volcano observatory Sunday [June 11]	not separately listed in VL 508; HTH, 6/13/1950
6/11/50	23:59:00					ml swr?		5		30.0	30.4	s	4.15							4.15	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (s), not separately listed in VL 508, p. 12
6/11/50	23:59:00					ml swr?		5		30.0	30.4	f	3.61							3.88	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (f), not separately listed in VL 508, p. 12
6/11/50	23:59:00					ml swr?		5		30.0	30.4	vf	2.59							3.30	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 6 events (vf), not separately listed in VL 508, p. 12
6/11/50	23:59:00					ml swr?		5		30.0	30.4	t	2.12							3.13	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 13 events (t), not separately listed in VL 508, p. 12

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
6/11/50	0:00:00					ml swr?		5		30.0	30.4	s	3.93							3.93	nomo		Warshauer notes: Two rather strong earthquakes were registered at the Hawaiian volcano observatory Sunday [June 11]	not separately listed in VL 508; HTH, 6/13/1950
6/12/50	23:59:00					ml swr?		5		30.0	30.4	vf	2.59							2.59	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (vf), not separately listed in VL 508, p. 12
6/12/50	23:59:00					ml swr?		5		30.0	30.4	t	2.12							2.75	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; VL 5 events (t), not separately listed in VL 508, p. 12
6/13/50	3:01:00					ml swr?		5		30.0	30.4	m?	4.41	4.28	4.40	4.32	4.05			4.26	hono			not in VL 508
6/13/50	14:04:00					ml swr?		5	37	37.0	37.3	m?	4.55	4.58	4.50	4.52	4.47			4.52	hono		Warshauer notes: Two strong earthquakes were registered yesterday [June 13], one at 2:05 p.m. and a second at 7:30 p.m. both originating under the southern rim of Mokuaweoweo, the Mauna Loa summit crater	not separately listed in VL 508; HTH, 6/14/1950
6/13/50	19:47:47					ml swr?		5	37	37.0	37.3	st?	5.07	5.12	5.21	record disturbed	5.03			5.12	hono		do	US C&GS location given as latitude 20° N; Longitude 155. 5° W; wrong?; not separately listed in VL 508; HTH, 6/14/1950
6/13/50	23:59:00					ml swr?		5		30.0	30.4	f	3.61							3.61	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (f), not separately listed in VL 508, p. 12
6/13/50	23:59:00					ml swr?		5		30.0	30.4	vf	2.59							2.86	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (vf), not separately listed in VL 508, p. 12
6/13/50	23:59:00					ml swr?		5		30.0	30.4	t	2.12							2.12	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (t), not separately listed in VL 508, p. 12
6/14/50	23:59:00					ml swr?		5		30.0	30.4	f	3.61							3.61	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 events (f), not separately listed in VL 508, p. 12
6/14/50	23:59:00					ml swr?		5		30.0	30.4	vf	2.59							3.02	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 3 events (vf), not separately listed in VL 508, p. 12
6/14/50	23:59:00					ml swr?		5		30.0	30.4	t	2.12							2.98	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 9 events (t), not separately listed in VL 508, p. 12
6/15/50	10:14:00					ml swr?	5	5	31	31.0	31.4	s?	3.95	<4.07	<4.27	no trace	3.51			3.73	aver		preferred magnitude calculated as average of Honolulu and nomogram	VL 508, p. 12; Honolulu data average of two readings; N-L low?
6/16/50	16:03:00					ml swr?	5	5	31	31.0	31.4	vf	2.61							2.61	nomo			VL 508, p. 12
6/16/50	23:13:00					ml swr?	5	5	31	31.0	31.4	vf	2.61							2.61	nomo			VL 508, p. 12
6/17/50	6:31:00					ml swr?	5	5	31	31.0	31.4	vf	2.61							2.61	nomo			VL 508, p. 12
6/19/50	9:22:00	19	24.5	155	22.7	kaoiki	11.2	11.2	12.5	12.6	16.9	vf	2.18							2.18	nomo		e slope Mauna Loa near Ohaikea	VL 508, p. 12
6/21/50	7:06:00					kilauea		3.0		8.0	8.5	m	3.77	no trace	no trace	no trace	no trace			3.77	nomo	felt	Kilauea in VL; felt-hnp	average distance and depth assumed from modern catalog locations of near-caldera events; VL 508, p. 12
6/21/50	8:03:00					unknown						vf												VL 508, p. 12
6/21/50	8:29:00					unknown						vf												VL 508, p. 12
6/23/50	1:00:00																							ml swr eruption ends; VL 508, p. 11
6/26/50	19:56:00					hilea?			40	40.0	41.0	f-felt	3.81							3.81	nomo	felt	felt-Naalehu	VL 508, p. 12
7/1/50	12:55:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 509, p. 6
7/12/50	3:12:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
7/12/50	20:46:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 509, p. 6
7/19/50	20:48:00					ml swr?			40	40.0	41.0	vf	2.80							2.80	nomo		SW slope Mauna Loa	VL 509, p. 6
7/20/50	3:45:00					ml wf			50	50.0	50.8	vf	2.95							2.95	nomo		w slope Mauna Loa	VL 509, p. 6
7/21/50	15:29:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
7/23/50	13:11:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
7/24/50	15:42:00	19	25.80	155	16.60	kl cal 0-5		2.0	2.0	1.7	2.6	f-felt	1.90							1.90	nomo	felt	n end Kilauea crater; felt-hnp	VL 509, p. 6
7/25/50	19:30:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
7/26/50	12:14:00					kaoiki?			20	20.0	21.9	f	3.38							3.38	nomo		Mauna Loa in VL	VL 509, p. 6
7/29/50	18:56:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
7/31/50	4:29:00	19	25.80	155	16.60	kl cal 0-5		2.0	2.0	1.7	2.6	s-felt	2.44							2.44	nomo	felt	n end Kilauea crater; felt-hnp	VL 509, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
7/31/50	15:18:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
8/1/50	2:57:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
8/1/50	20:43:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
8/2/50	20:00:00	19	25.80	155	16.60	kl cal 0-5		2.0	2.0	1.7	2.6	f	1.90							2.17	calc	felt	three quakes felt out of 241 recorded; Warshauer notes: 108 quakes between 8 a.m. and 8 p.m.; all quakes shallow; several felt by residents of hnp and volcano districts; preferred magnitude calculated as nomogram magnitude multiplied by number of events	2 f events; VL 509, p. 6; shallow earthquake swarm at n end of Kilauea crater; HTH, 8/3/1950
8/2/50	20:00:00					kl cal 0-5					2.6	vf	0.88							2.32	calc		do	38 vf events; do
8/2/50	20:00:00					kl cal 0-5					2.6	t	-0.13							1.96	calc		do	201 t events; do
8/3/50	2:15:00					unknown						vf												VL 509, p. 6
8/3/50	4:43:00					unknown						vf												VL 509, p. 6
8/8/50	6:04:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
8/8/50	10:21:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
8/9/50	14:27:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
8/10/50	7:35:00					unknown						vf												VL 509, p. 6
8/11/50	10:58:00					hilea?			40	40.0	41.0	f-felt	3.81							3.81	nomo	felt	felt-Naalehu	VL 509, p. 6
8/13/50	5:15:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 6
8/19/50	5:12:00					kilauea		3.0		8.0	8.5	vf-felt	2.45							2.45	nomo	felt	Kilauea in VL; felt-hnp	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 7
8/27/50	12:18:00					ml nf			30	30.0	31.3	f-felt	3.63							3.63	nomo	felt	n slope Mauna Loa; felt-hnp, Hilo	VL 509, p. 7
8/28/50	10:25:00					ml ner			33	33.0	34.2	vf	2.67							2.67	nomo		upper NE rift	VL 509, p. 7
9/15/50	7:42:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 509, p. 7
9/16/50	21:51:00					ml ner			30	30.0	31.3	f-felt	3.63							3.63	nomo	felt	NE rift; felt-hnp, Hilo	VL 509, p. 7
9/30/50	17:06:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 509, p. 7
10/8/50	5:49:00					unknown						vf												VL 510, p. 4
10/11/50	20:06:00					kaoiki deep		40	20	20.0	44.7	s-felt	4.20	no trace	no trace	no trace	3.88			4.04	aver	felt	e slope Mauna Loa; felt widely-most of Hawaii island; preferred magnitude calculated as average of Honolulu and nomogram	VL 510, p. 4
10/12/50	7:33:00					unknown						vf												VL 510, p. 4
10/31/50	2:53:00					unknown						vf												VL 510, p. 4
11/1/50	15:28:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 510, p. 4
11/4/50	3:02:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 510, p. 4
11/11/50	23:34:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 510, p. 4
11/13/50	18:22:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 510, p. 4
11/19/50	23:23:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 510, p. 4
11/26/50	19:53:00					ml wf			55	55.0	55.7	vf	3.01							3.01	nomo		w slope Mauna Loa	VL 510, p. 4

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
11/30/50	14:18:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 510, p. 4
12/1/50	1:37:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 510, p. 4
12/2/50	20:54:00					ml swr?			45	45.0	45.9	vf	2.88							2.88	nomo		SW slope Mauna Loa	VL 510, p. 4
12/7/50	0:27:00					unknown						vf												VL 510, p. 4
12/7/50	5:40:00					ml swr?			45	45.0	45.9	vf	2.88							2.88	nomo		SW slope Mauna Loa	VL 510, p. 4
12/8/50	19:29:00					kl koae	7.2	7.2	12.0	12.0	14.0	m?	4.11	<4.77	<4.77		3.90			3.90	hono	felt	presumed felt; Warshauer notes: Beginning at noon yesterday [Dec. 8] the volcano area up to 10:30 this morning was rocked by over 300 earthquakes. The two strongest quakes were at 7:29 p.m. Friday and at 5:43 a.m. this morning.	HTH, 12/9/1950 [not in VL 510!]; Warshauer notes cont: Each quake dismantled the east-west component of both the Kilauea and Mauna Loa seismographs
12/8/50	23:59:00					kl koae		4.0		6.7	7.8	s	3.21							3.64	calc		do; preferred magnitude calculated from nomogram magnitude multiplied by number of events	Kilauea caldera-Koae earthquake swarm VL 510, p. 4, col. 1; 3 slight events
12/8/50	23:59:00					kl koae		4.0		6.7	7.8	f	2.66							2.93	calc		do	do; 2 feeble events
12/8/50	23:59:00					kl koae		4.0		6.7	7.8	vf	1.65							2.59	calc		do	do; 11 very feeble events
12/9/50	5:43:00					kl koae	7.2	7.2	12.0	12.0	14.0	m	4.11	<4.47	<4.47	no trace	4.40			4.40	hono	felt	e of Mauna Iki; felt widely; Warshauer notes: see above	calculated mag low; strong signal lost in swarm?, or deeper?; Honolulu amplitude average of two readings; VL 510, p. 4; HTH, 12/9/1950
12/9/50	20:45:00	19	19.00	155	22.00	kl koae?	7.2	7.2	15.5	16.9	34.4	m	5.01	5.09	5.28	5.05	5.06			5.12	hono	felt	near Kamakaia hills; felt widely; Warshauer notes: dismantled seismographs at HVO, ml and Hilo; felt in Hilo and Kau	calculated mag low; strong signal lost in swarm?, or deeper?; VL 510, p. 4; HTH, 12/11/1950
12/9/50	23:59:00					kl koae		4.0		6.7	7.8	s	3.21							4.12	calc		do; preferred magnitude calculated from nomogram magnitude multiplied by number of events	Kilauea caldera-Koae earthquake swarm VL 510, p. 4, col. 1; 10 slight events
12/9/50	23:59:00					kl koae		4.0		6.7	7.8	f	2.66							3.30	calc		do	do; 5 feeble events
12/9/50	23:59:00					kl koae		4.0		6.7	7.8	vf	1.65							3.03	calc		do	do; 33 very feeble events
12/10/50	0:42:00					kl koae?		7.2	16.0	16.0	17.5	s?-felt	4.03	4.64	4.68	4.79	4.68			4.70	hono	IV?	if slight, must be kcaldeep; Warshauer notes: dismantled HVO and ml seismographs; felt in Kau, most strongly at Kapapala, and probably in Hilo	not in VL 510; HTH, 12/11/1950
12/10/50	5:57:00	19	19.00	155	22.00	kl koae?	7.2	7.2	15.5	16.9	18.4	m	4.30	4.44	4.74	4.85	4.78			4.70	hono	IV?	near Kamakaia hills; Warshauer notes: dismantled HVO and ml seismographs; felt in Kau, most strongly at Kapapala, and probably in Hilo	calculated mag low; strong signal lost in swarm?, or deeper?; VL 510, p. 4; HTH, 12/11/1950
12/10/50	8:23:00	19	18.00	155	22.00	kl koae?	7.2	7.2	17.0	18.3	19.7	m	4.35	5.02	5.13	4.79	4.96			4.98	hono	IV?	below Kamakaia hills; Warshauer notes: dismantled HVO and ml seismographs; felt in Kau, most strongly at Kapapala, and probably in Hilo	calculated mag low; strong signal lost in swarm?, or deeper?; VL 510, p. 4; HTH, 12/11/1950
12/10/50	17:29:00	19	19.00	155	22.00	kl koae?	7.2	7.2	17.0	16.9	18.4	m	4.57	4.60	4.71	4.79	4.68			4.70	hono	IV?	Kamakaia hills; Warshauer notes: dismantled HVO and ml seismographs; felt in Kau, most strongly at Kapapala, and probably in Hilo	calculated mag low; strong signal lost in swarm?, or deeper?; VL 510, p. 4; HTH, 12/11/1950
12/10/50	17:57:00	19	21.30	155	16.60	kl koae?	7.2	7.2	8.5	8.6	11.2	m	3.95	no trace	no trace	no trace	no trace			3.95	nomo	IV?	near Puu Ohale; Warshauer notes: dismantled HVO and ml seismographs; felt in Kau, most strongly at Kapapala	VL 510, p. 4; HTH, 12/11/1950
12/10/50	21:25:00	19	19.00	155	22.00	kl koae?	7.2	7.2	17.0	16.9	18.4	st	4.57	5.21	5.37	5.31	5.15			5.26	hono	V?	Kamakaia hills; felt widely; Warshauer notes: strongest of series; dismantled HVO, ml and Hilo seismographs; felt in Kau and Hilo	calculated mag low; strong signal lost in swarm?, or deeper?; VL 510, p. 4; HTH, 12/11/1950
12/10/50	23:59:00					kl koae		4.0		6.7	7.8	s	3.21							4.22	calc		do; preferred magnitude calculated from nomogram magnitude multiplied by number of events	Kilauea caldera-Koae earthquake swarm VL 510, p. 4, col. 1; 13 slight events
12/10/50	23:59:00					kl koae		4.0		6.7	7.8	f	2.66							3.84	calc		do	do; 20 feeble events
12/10/50	23:59:00					kl koae		4.0		6.7	7.8	vf	1.65							3.03	calc		do	do; 33 very feeble events
12/11/50	12:53:00	19	15.50	155	25.30	kl swr sf?	7.2	7.2		25.6	26.6	m	4.55	3.95	3.95	4.41	4.34			4.16	hono		SW rift below upper end of 1823 flow	Honolulu amplitude average of two readings; VL 510, p. 4
12/11/50	23:59:00					kl koae		4.0		6.7	7.8	s	3.21							3.98	calc		do; preferred magnitude calculated from nomogram magnitude multiplied by number of events	Kilauea caldera-Koae earthquake swarm VL 510, p. 4, col. 1; 7 slight events
12/11/50	23:59:00					kl koae		4.0		6.7	7.8	f	2.66							3.61	calc		do	do; 11 feeble events
12/11/50	23:59:00					kl koae		4.0		6.7	7.8	vf	1.65							2.79	calc		do	do; 18 very feeble events
12/12/50	6:28:00					kl koae?	5.0	5.0		8.5	9.9	m	3.86	<4.07	<4.07	<4.03	<3.60			3.86	nomo		depth shallower than preceding quakes; Warshauer notes: Earthquakes which had been shaking the southern end of the Big Island at an average of about 200 a day since last Friday noon had diminished to 85 in the 24-hr period preceding 7:30 a.m. this morning	VL 510, p. 4; HTH, 12/12/1950; Note: discrepancy between 200/day in newspaper story and about 30/day in VL can be explained by quakes smaller than very feeble
12/12/50	23:59:00					kl koae		4.0		6.7	7.8	s	3.21							3.48	calc		do; preferred magnitude calculated from nomogram magnitude multiplied by number of events	Kilauea caldera-Koae earthquake swarm VL 510, p. 4, col. 1; 2 slight events
12/12/50	23:59:00					kl koae		4.0		6.7	7.8	f	2.66							2.93	calc		do	do; 2 feeble events
12/12/50	23:59:00					kl koae		4.0		6.7	7.8	vf	1.65							2.08	calc		do	do; 3 very feeble events

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
12/13/50	23:59:00					kl koae		4.0		6.7	7.8	s	3.21							3.21	calc		do; preferred magnitude calculated from nomogram magnitude multiplied by number of events	Kilauea caldera-Koae earthquake swarm VL 510, p. 4, col. 1; 1 slight events
12/13/50	23:59:00					kl koae		4.0		6.7	7.8	f	2.66							2.93	calc		do	do; 2 feeble events
12/13/50	23:59:00					kl koae		4.0		6.7	7.8	vf	1.65							2.08	calc		do	do; 3 very feeble events
12/14/50	23:59:00					kl koae		4.0		6.7	7.8	s	3.21							3.21	calc		do; preferred magnitude calculated from nomogram magnitude multiplied by number of events	Kilauea caldera-Koae earthquake swarm VL 510, p. 4, col. 1; 1 slight events
12/14/50	23:59:00					kl koae		4.0		6.7	7.8	f	2.66							2.93	calc		do	do; 2 feeble events
12/14/50	23:59:00					kl koae		4.0		6.7	7.8	vf	1.65							2.08	calc		do	do; 3 very feeble events
12/15/50	2:13:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 510, p. 4
12/16/50	7:17:00					unknown						f												VL 510, p. 4
12/18/50	5:54:00					hilea			55	55.0	55.7	vf-felt	3.35							3.35	nomo	felt	above south point; felt-	VL 510, p. 4
12/20/50	23:19:00					unknown						f												VL 510, p. 4
12/21/50	20:00:00					unknown			20.0	20.0	21.9	vf												VL 510, p. 4
12/21/50	21:17:00					unknown						f												VL 510, p. 4
12/22/50	3:07:00					kaoiki?			20	20.0	21.9	s-felt	3.93							3.93	nomo	felt	Mauna Loa in VL; felt-hnp	VL 510, p. 4
12/22/50	4:07:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 510, p. 4
12/26/50	2:55:00	19	24.50	155	15.00	kl cal 10-20?	12.8	15.0	3.0	2.8	15.3	m	4.17	4.12	<4.32	4.20	4.85			4.16	hono	V	south of Kilauea Iki; felt widely; Warshauer notes: A plainly felt earthquake accompanied by a loud rumble and a roar startled many Hilo and volcano residents out of their sleep early this morning; preferred magnitude calculated without N-L	N-L high; VL 510, p. 4; HTH, 12/26/1950
12/26/50	3:15:00	19	24.50	155	15.00	kl cal 10-20	12.8	15.0	3.0	2.8	15.3	vf	2.11							2.11	nomo		Warshauer notes: The big quake [see above] was followed by a very feeble one at 3:15 a.m., probably centered in the same location.	HTH, 12/26/1950 [not in VL 510]
12/27/50	18:58:00					unknown						vf												VL 510, p. 4
1/3/51	3:39:00					unknown						vf												VL 511, p. 4
1/6/51	4:58:00	19	17.0	155	43.0	ml swr			51	50.8	51.6	s	4.30	no trace	no trace	no trace	4.05			4.05	hono		SW rift 8000 ft; Warshauer notes; felt in Hilo and, no report from Volcano, probably deep	VL 511, p. 4; HTH, 1/6/51
1/26/51	6:40:00					unknown						vf												VL 511, p. 4
2/14/51	10:55:00	19	21.5	155	25.6	kaoiki	11.2	11.2	18.5	19.2	22.3	s-felt; m (ml)	3.71	<4.20	<4.20	<3.51	3.24			3.48	aver	felt	Kaoiki fault near Ainapo; felt-Kapapala; preferred magnitude calculated as average of Honolulu and nomogram	ml mag 3.8-4.3; N-L low; VL 511, p. 4
2/16/51	7:26:00	19	32.0	155	28.0	ml ner deep	24	24	24.5	24.5	34.3	s-felt; m (ml)	4.01	<4.07	<4.07		<3.27			4.01	nomo	felt	NE rift near Puu Ulaula; felt-Hilo to	ml mag VL 4.0-4. 5; VL 511, p. 4
2/16/51	18:58:00					unknown						vf												VL 511, p. 4
2/20/51	20:01:00					unknown						vf												VL 511, p. 4
2/20/51	20:47:00					unknown						vf												VL 511, p. 4
2/20/51	21:47:00					unknown						vf												VL 511, p. 4
2/21/51	21:26:00					unknown						vf												VL 511, p. 4
2/23/51	3:41:00					unknown						vf												VL 511, p. 4
2/24/51	17:39:00					unknown						vf												VL 511, p. 4
2/26/51	1:28:00					unknown						vf; f (kona)												VL 511, p. 4
2/26/51	1:28:00					kona			65	65.0	65.6	vf; f (kona)	3.13							3.13	nomo			VL 511, p. 4
2/26/51	9:21:00					unknown						vf												VL 511, p. 4
2/28/51	14:13:00					unknown						vf												VL 511, p. 4
3/5/51	3:53:00					unknown						vf												VL 511, p. 4
3/5/51	3:56:00					unknown						vf												VL 511, p. 4
3/5/51	9:33:00					unknown						vf												VL 511, p. 4
3/5/51	16:44:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 511, p. 4
3/8/51	16:30:00	19	43.0	155	5.0	hilo deep	40	40	37	36.9	54.4	vf	3.00							3.00	nomo		near Hilo	VL 511, p. 4
3/14/51	3:47:00	19	19.20	155	13.00	kl kuer sf	10.0	10.0		13.2	16.6	vf	2.17							2.17	nomo		Hilina fault se of Kilauea crater	VL 511, p. 4
3/14/51	3:48:00					kl uer		2.0	7.0	7.0	7.3	f	2.61							2.61	nomo		e rift	VL 511, p. 4
3/14/51	20:50:00	19	23.60	155	6.50	kl mer	11.2	11.2	18.0	16.6	20.1	s-felt	3.86	<4.52	<4.52	<4.00	3.95			3.95	hono	felt	e rift 3 mi ENE of Napau crater; felt-volcano, Hilo	Honolulu amplitude average of two readings; VL 511, p. 4
3/15/51	4:38:00	19	28.0	155	53.0	kona				65.7	66.3	vf; f (ml)	3.71							3.71	nomo		w slope of Mauna Loa, near Kealakekua	mag ml 3. 4-4.0; VL 511, p. 4
3/15/51	11:34:00					unknown						vf												VL 511, p. 4
3/15/51	16:43:00	19	29.0	155	56.0	kona			67	71.1	71.7	vf; s (kona)	3.53							3.53	nomo		w slope of Mauna Loa, near Kealakekua	mag Kona 3.2-3.7; VL 511, p. 4
3/20/51	6:42:00	19	31.5	155	17.7	kaoiki	9.6	9.6	10.5	11.1	14.6	f-felt	3.10							3.10	nomo	felt	e slope Mauna Loa 3 mi e of Kulani; felt-Puueo	VL 511, p. 4
3/24/51	6:28:00					ml wf			20	20.0	21.9	vf (kona)	2.36							2.36	nomo		w slope Mauna Loa	VL 511, p. 4
3/24/51	22:33:00					unknown						vf												VL 511, p. 4

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/4/51	10:43:00					unknown						vf												VL 512, p. 4
4/13/51	1:19:00	19	55.0	155	45.0	mauna kea	5	5	76	74.7	74.8	vf-felt	3.22							3.22	nomo	felt	8 mi SW of; felt-	VL 512, p. 4
4/13/51	14:53:00					kl uer?		5.0	7.0	7.0	8.6	f	2.73							2.73	nomo		e flank Kilauea	change; VL 512, p. 4
4/15/51	13:36:00					unknown						vf												VL 512, p. 4
4/22/51	4:53:53	19	24.50	155	6.80	kl cal deep	33.6	33.6	9.0	15.8	37.1	m	4.55	<4.20	<4.27	no trace	4.21			4.21	hono	III	e rift 7 mi S15E from Glenwood; felt-Kapapala, volcano to Hilo; Warshauer notes: a moderate earthquake which originated on the east rift of Kilauea about five miles south of Glenwood and at a depth of 31 miles; Hilo-3	Honolulu amplitude average of two readings; mag agreement improved if shallower (20 km or less); epicenter estimated non-instrumentally, its location only approximate; VL 512, p. 2, 4; HSB, 4/24/1951; HVO unpub
4/22/51	14:52:00	19	24.50	155	13.30	kl cal deep	44.0	35.0	4.0	4.9	35.3	vst	6.27	6.31	5.95	5.72	5.79	6.5; 6.0; 6.3	Pasadena; Berkeley; W&K	6.23	aver	VII; VII (USE; S&C)	felt-entire island, Maui, Oahu; Hilo-5, n-s, objects onto floor, clock stopped; Warshauer notes: Little damage, Hilo-buildings swayed/dishes broke, glass cracked, water main broke; hnp-damage to roads, new cracks, some subsidence, landslides in Halemaumau	isoseismal map in W&K; e rift near Kilauea crater; VL 512, p. 4; damage report on p. 1-3; HVO unpub; HTH, 4/23/1951; HA, 4/23/1951; HSB, 4/24/1951; preferred magnitude calculated as weighted average of Milne-Shaw av (1), Berkeley, Pasadena and W&K (all 1)
4/22/51	15:25:00					kl cal deep?	30.0	30.0	4.0	4.0	30.3	vf	2.59							2.59	nomo			VL 512, p. 4
4/22/51	15:27:00					kl cal deep?	30.0	30.0	4.0	4.0	30.3	vf	2.59							2.59	nomo			VL 512, p. 4
4/22/51	15:41:00					kl cal deep?	30.0	30.0	4.0	4.0	30.3	vf	2.59							2.59	nomo			VL 512, p. 4
4/22/51	15:49:00					kl cal deep?	30.0	30.0	4.0	4.0	30.3	vf	2.59							2.59	nomo			VL 512, p. 4
4/22/51	15:50:00					kl cal deep?	30.0	30.0	4.0	4.0	30.3	vf	2.59							2.59	nomo			VL 512, p. 5
4/22/51	15:51:00					kl cal deep?	30.0	30.0	4.0	4.0	30.3	vf	2.59							2.59	nomo			VL 512, p. 5
4/22/51	16:08:00					kl cal deep?	30.0	30.0	4.0	4.0	30.3	vf	2.59							2.59	nomo			VL 512, p. 5
4/22/51	16:14:00					kl cal deep?	30.0	30.0	4.0	4.0	30.3	vf	2.59							2.59	nomo			VL 512, p. 5
4/22/51	16:49:00					kl cal deep?	30.0	30.0	4.0	4.0	30.3	vf	2.59							2.59	nomo			VL 512, p. 5
4/22/51	17:19:00	19	24.20	155	10.30	kl gln	13.0	13.0	13.0	9.9	16.3	f	3.17							3.17	nomo		e rift 7 mi e of Kilauea crater	VL 512, p. 5
4/22/51	17:30:00					unknown						vf												VL 512, p. 5
4/22/51	18:35:00					kl cal deep?																felt	Warshauer notes: a fairly strong aftershock at 6:35; many aftershocks continuing, about 30 to date, all shallow at depths of less than 10 mi	not in VL 512; HTH, 4/23/1951; HSB, 4/23; 24/1951
4/22/51	18:46:00	19	20.60	155	21.20	kl swr	8.0	8.0	13.0	13.8	15.9	vf	2.14							2.14	nomo		SW rift near Mauna Iki	VL 512, p. 5
4/22/51	20:30:00	19	20.4	155	24.6	kaoiki				18.7	20.7	t; vf (ml)	2.00							2.00	nomo			VL 512, p. 5
4/22/51	21:11:00	19	23.0	155	22.7	kaoiki				13.5	16.2	t; vf (ml)	1.83							1.83	nomo			VL 512, p. 5
4/22/51	23:30:00					unknown						vf												VL 512, p. 5
4/22/51	23:40:00	19	21.4	155	24.7	kaoiki			18.5	17.9	20.0	vf	2.30							2.30	nomo		Kaoiki fault near Ainapo	VL 512, p. 5
4/23/51	0:17:00					unknown						vf												VL 512, p. 5
4/23/51	2:46:00					unknown						vf												VL 512, p. 5
4/23/51	3:04:00	19	17.5	155	26.4	kaoiki			26	24.4	26.0	vf	2.48							2.48	nomo		Kaoiki fault near Kapapala	VL 512, p. 5
4/23/51	3:27:00					unknown						vf												VL 512, p. 5
4/23/51	4:37:00					unknown						vf												VL 512, p. 5
4/23/51	4:40:00	19	19.10	155	10.70	kl mer	6.4	6.4	11.5	15.3	16.5	s	3.73							3.73	nomo	felt	e rift 2 mi s of Makaopuhi crater; Warshauer notes: another aftershock at 4:41 this morning; larger aftershocks felt by many residents of Hilo	VL 512, p. 5; HTH, 4/23/1951; HSB, 4/23; 24/1951; HA, 4/24/1951
4/23/51	4:41:00	19	29.3	155	18.50	kaoiki	8	8	6	8.1	11.4	s-felt	3.47							3.38	nomo	felt	3 mi n of Kilauea crater; Warshauer notes: another quake; larger aftershock [of the deep Kilauea quake on April 22], felt by many residents of Hilo	VL 512, p. 5; HTH, 4/23/1951; HA, 4/24/1951
4/23/51	4:44:00	19	31.6	155	17.0	ml ner		11.2		10.9	15.6	vf	2.13							2.13	nomo		Kulani	VL 512, p. 5
4/23/51	5:24:00					unknown				0.0	9.0	vf												VL 512, p. 5
4/23/51	5:48:00	19	29.2	155	19.80	kaoiki	9.6	9.6	13	9.6	13.5	s-felt	3.59							3.57	nomo	felt	5 mi NW of Kilauea crater; Warshauer notes: larger aftershock [of the deep Kilauea quake on April 22], felt by many residents of Hilo	VL 512, p. 5; HA, 4/24/1951
4/23/51	6:13:00					unknown				0.0	9.0	vf												VL 512, p. 5
4/23/51	6:36:00	19	21.00	155	22.70	kl swr	8.0	8.0	16.0	15.3	17.3	st (slight?)	3.76	<4.32	<4.32	<3.9	<3.7			3.77	nomo	felt	SW rift 2 mi SW of Mauna Iki; felt-volcano; Warshauer notes: fairly strong at 6:35 a.m.; larger aftershocks felt by many residents of Hilo	strong classification inconsistent with indicated hypocenter, absence of a record in Honolulu, and limited felt reports; "slight" yields calculated mag 3.77; error in VL 512, p. 5?; HTH, 4/23/1951; HA, 4/24/1951
4/23/51	21:53:00	19	21.10	155	19.80	kl swr	8.0	8.0	10.5	11.4	14.0	vf	2.05							2.05	nomo		SW rift near Puu Koae	VL 512, p. 5
4/23/51	22:16:00	19	31.9	155	15.3	ml ner	8	8	9.5	11.2	13.8	vf	2.04							2.04	nomo		2 mi SW of Kulani	VL 512, p. 5
4/23/51	22:18:00	19	18.20	155	17.20	kl kuer sf				14.5	17.0	vf	2.19							2.19	nomo			VL 512, p. 5
4/24/51	1:14:00	19	23.00	155	19.70	kl swr				8.9	12.6	vf	1.98							1.98	nomo			VL 512, p. 5
4/24/51	1:29:00					unknown				0.0	9.0	vf												VL 512, p. 5
4/24/51	11:30:00	19	25.20	155	18.40	kl cal 10-20	17.6	17.6	4.0	5.0	18.3	vf	2.24							2.24	nomo		near bird park	VL 512, p. 5
4/25/51	11:41:00					unknown				0.0	9.0	vf												VL 512, p. 5
4/25/51	22:38:00					unknown				0.0	9.0	vf												VL 512, p. 5
4/26/51	0:57:00					kaoiki?			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo			VL 512, p. 5

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/26/51	3:58:00	19	23.40	155	8.30	kl mer	19.2	10.0	11.5	13.7	17.0	st (moderate?) ; s (hilo)	4.00	<4.47	<4.47	<3.90	<3.85			4.00	nomo	felt	e rift near Makaopuhi crater; felt-volcano; Warshauer notes: An earthquake described as "strong" was recorded on HVO and Hilo [slight] seismographs at 3:57:44 this morning.	strong classification inconsistent with indicated hypocenter, absence of a record in Honolulu, and limited felt reports; Hilo (s) yields calculated mag 3.90-4.38; error in VL 512, p. 5?; HTH, 4/26/1951
4/26/51	5:51:00	20	1.7	155	35.0	mauna kea			75	74.6	75.2	f	3.96	no trace	no trace	no trace	no trace			3.96	nomo		Waimea plain, 6 mi e of Waimea	VL 512, p. 5
4/28/51	7:38:00	19	30.80	155	13.50	kl gln	5.0	5.0	11.0	9.9	11.1	s	3.45	no trace	no trace	no trace	no trace			3.45	nomo		4 mi e of Kulani	mag agrees; VL 512, p. 5
4/29/51	16:19:00	19	29.50	155	15.70	kl gln deep?		30.0	7.5	6.7	30.7	vf	2.60							2.60	nomo		3 mi se of Kulani	VL 512, p. 5
5/6/51	8:53:00	19	10.5	155	30.2	hilea			39	38.3	39.3	vf-felt	3.51	no trace	no trace	no trace	no trace			3.51	nomo	felt	Kaoiki fault 3 mi SW of Pahala; felt-Pahala,, volcano	VL 512, p. 5
5/7/51	12:36:00					unknown						vf												VL 512, p. 5
5/8/51	0:38:00					unknown						f												VL 512, p. 5
5/10/51	15:24:00	19	22.50	155	12.50	kl uer		2.0	8.5	8.3	8.6	f	2.73							2.73	nomo		e rift near Puu Huluhulu	VL 512, p. 5
5/13/51	0:24:00					unknown						vf												VL 512, p. 5
5/14/51	18:41:00	19	21.10	155	21.40	kl swr		2.0	13.0	13.4	13.5	vf	2.03							2.03	nomo		SW rift near Mauna Iki	VL 512, p. 5
5/15/51	22:10:00					unknown						vf												VL 512, p. 5
5/17/51	12:12:00					unknown						f												VL 512, p. 5
5/18/51	3:00:00					unknown						vf												VL 512, p. 5
5/20/51	13:34:00					unknown						vf												VL 512, p. 5
5/20/51	16:16:00					unknown						vf												VL 512, p. 5
5/25/51	3:10:00					unknown						vf												VL 512, p. 5
5/30/51	21:59:00					unknown						vf												VL 512, p. 5
5/31/51	9:13:00					unknown						vf												VL 512, p. 5
6/3/51	4:45:00					kaoiki?			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo			VL 512, p. 5
6/4/51	14:36:00					kona?			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			VL 512, p. 5
6/7/51	22:50:00	19	22.50	155	13.70	kl uer		2.0		7.1	7.4	s-felt	3.17							3.17	nomo	II	e rift near Pauahi; felt-volcano, Hilo; Hilo-2 to 3	VL 512, p. 5; HVO unpub
6/11/51	8:33:00	19	29.80	155	2.10	kl gln	11.2	10.0		24.9	26.9	s-felt	4.07	no trace	no trace	no trace	no trace			4.07	nomo	III	6 mi w of Pahoa; felt-Hilo to volcano; Hilo-2, typical local quake, one short quick jerk	VL 512, p. 5; HVO unpub
6/14/51	11:12:00					unknown						vf												VL 512, p. 5
6/15/51	13:19:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 512, p. 5
6/17/51	12:01:00	19	28.5	155	43.6	ml wf	25.6	25.6		49.3	55.6	vf; s (ml)	3.01	no trace	no trace	no trace	3.22			3.20	nomo		9 mi w of Mokuaweoweo	mag ml 3.9-4.3; fits if ml seismometer f instead of s; VL 512, p. 5
6/19/51	5:15:00					unknown						f												VL 512, p. 5
6/23/51	1:14:00					unknown						vf												VL 512, p. 5
6/27/51	7:27:00					unknown						vf												VL 512, p. 5
7/1/51	4:07:00	19	23.4	155	38.5	ml swr			40	40.4	41.4	vf	2.81							2.81	nomo		SW rift near sulfur cone	VL 513, p. 6
7/5/51	23:20:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 513, p. 6
7/17/51	9:52:00					unknown						vf												VL 513, p. 6
7/19/51	19:12:00					unknown						vf												VL 513, p. 6
8/2/51	19:24:00					unknown						vf												VL 513, p. 6
8/3/51	1:40:00					unknown						vf												VL 513, p. 6
8/6/51	23:07:00					unknown						vf												VL 513, p. 6
8/10/51	4:31:00	19	22.60	155	8.80	kl mer		2.0	13.5	13.5	13.6	f	3.05							3.05	nomo		e rift near Napau crater	VL 513, p. 6
8/21/51	0:57:00	19	30.0	155	57.0	kona			72	73.0	73.6	st	5.54	5.87	5.90	6.35	5.68	; 7.0; 6.9	PAS; BERK; GUTE	6.90	gute	VIII; VIII (W&K; S&C)	3 mi WNW of Napoopoo-prob on Kealakekua fault; strong-all Hawaii island, also Maui, Oahu, much damage on w side Hawaii; Warshauer notes: see bib; Kapapala-severe quake followed by smaller shocks, last at 6:16 am, phone service disrupted, no major damage	isoseismal map in W&K; depth 10 km; lat and long of description are 19 29. 5 and 155 58.3 offshore; VL 513, p. 6; HTH, 8/21/1951; HVO, unpub; see also bib for detailed felt reports
8/21/51	1:23:00					kona?				0.0	9.0	m? (kona)	3.80	no record	no record	4.02	3.62			3.82	hono			not separately in VL 513 [Note: on 8/21 and 22 designations of strong, moderate, etc. refer to the Kona seismograph for consistency with Honolulu magnitudes, even though explanation at top of p. 6, VL 513 says differently]
8/21/51	1:28:00					kona								lost in mainshock	lost in mainshock	lost in mainshock	3.59							not in VL 513; found on Hon film record, largely obscured in mainshock
8/21/51	1:29:00					kona			4	4.0	9.8	st (kona)	4.14	no record	no record	3.49	3.62			3.55	hono	IV	origin near preceding quake; felt strongly-Kona	VL 513, p. 6 [Calculated nomogram magnitudes for the mainshock and for aftershocks 8/21-8/24 are consistent only if qualitative magnitude classifications reported in the Volcano Letter apply to the Kona seismometer; 10 km distance assumed]
8/21/51	1:30:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			21 f and vf aftershocks between 1:29 and 3:50; times assumed; VL 513, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/21/51	1:35:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	1:40:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	1:45:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	1:47:00					kona?			10	10.0	13.5	s? (kona)	3.59	obsc. trace	obsc. trace	<3.57	3.33			3.33	hono			Honolulu data average of two readings; not separately in VL 513
8/21/51	1:50:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			21 f and vf aftershocks between 1:29 and 3:50; times assumed; VL 513, p. 6
8/21/51	1:55:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	2:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	2:05:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	2:10:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	2:15:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	2:20:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	2:25:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	2:30:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	2:35:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	2:40:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	2:45:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	2:50:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	2:55:00					kona			10	10.0	13.5	s? (kona)	3.59	obsc. trace	obsc. trace	<3.57	3.76			3.76	hono	II	Capt. Cook (Greenwell diary)-pleasant little shake, they're growing again; key to aftershock intensities: windows rattle = 1-2, slight = 2, pretty good one = 3 or 4, jar = explosion type, jolt = larger explosion type, dog barks at intensity 3 or greater!	Honolulu data average of two readings; not separately in VL 513; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/21/51	3:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo	felt	Capt. Cook (Greenwell diary)-3 tremblors in the last 5 minutes; many felt during the day, driving, so no time to record	21 f and vf aftershocks between 1:29 and 3:50; times assumed; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/21/51	3:05:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	3:10:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	3:21:00					kona?			10	10.0	13.5	s? (kona)	3.59	obsc. trace	obsc. trace	<3.57	3.76			3.76	hono			Honolulu data average of two readings; not separately in VL 513
8/21/51	3:38:00					kona?			10	10.0	13.5	s? (kona)	3.59	obsc. trace	obsc. trace	<3.57	3.46			3.46	hono			Honolulu data average of two readings; not separately in VL 513
8/21/51	3:50:00					kona			10	10.0	13.5	s-felt (kona)	3.36	obsc. trace	obsc. trace	<3.57	3.04			3.20	aver	felt	felt-Kona to volcano; preferred mag calculated as average of nomogram and Honolulu	21 f and vf aftershocks between 1:29 and 3:50; VL 513, p. 6
8/21/51	4:00:00					kona			10	10.0	13.5	m (kona)	4.08	3.54	4.03	4.19	4.14			3.98	hono	felt	felt-Kona to volcano	VL 513, p. 6
8/21/51	4:10:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			11 f and vf aftershocks between 04:00 and 06:03; times assumed; VL 513, p. 6
8/21/51	4:20:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	4:30:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	4:40:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	4:50:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	5:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	5:10:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	5:20:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	5:30:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	5:40:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	5:50:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	6:03:00					kona			10	10.0	13.5	s (kona)	3.59	no trace	no trace	no trace	no trace			3.59	nomo			VL 513, p. 6
8/21/51	6:20:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo	felt	Kapapala ranch-last aftershock felt at 6:15 am (should correspond to 6:03 event; see also later tabulations)	VL 5 vf after shocks between 6:03 and 8:03; times assumed; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/21/51	6:40:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	7:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	7:20:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	7:40:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	8:03:00					kona			10	10.0	13.5	m (kona)	4.08	4.40	4.48	4.24	3.84			4.24	hono			closer? or moderate at Kona; VL 513, p. 6
8/21/51	8:20:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			6 f and vf aftershocks between 8:03 and 9:38; times assumed; VL 513, p. 6
8/21/51	8:30:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	8:40:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	8:50:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/21/51	9:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	9:10:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			do; VL 513, p. 6
8/21/51	9:38:00					kona			10	10.0	13.5	s (kona)	3.59	no trace	no trace	no trace	no trace			3.59	nomo			VL 513, p. 6
8/21/51	9:57:00					kona			10	10.0	13.5	st (kona)	4.36	4.24	4.10	3.97	3.92			4.06	hono	felt	felt-Kona to volcano; Kapapala ranch (10:00 am)-slight earthquake	numerals-in remarks column refer to HVO postcards]
8/21/51	10:12:00					kona			10	10.0	13.5	st (kona)	4.36	4.18	4.24	4.27	4.44			4.28	hono	felt	felt?; Kapapala ranch (11:15 am-time off by one hour?)-slight earthquake	numerals-in remarks column refer to HVO postcards]
8/21/51	12:00:00					kona			10	10.0	13.5	vf-felt (kona)	2.02							2.02	nomo	felt	Kapapala ranch (11:45 am)-slight earthquake	3 vf aftershocks between 10:12 and 18:32; times assumed; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/21/51	14:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	16:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			do; VL 513, p. 6
8/21/51	18:32:00					kona			10	10.0	13.5	st (kona)	4.36	4.30	4.30	4.39	4.44			4.36	hono			VL 513, p. 6
8/21/51	21:07:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			VL 513, p. 6
8/21/51	21:30:00					kona?																II	Capt. Cook (Greenwell diary)-small	not in VL 513; date and time taken from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/21/51	22:30:00					kona?																II	Capt. Cook (Greenwell diary)-small	not in VL 513; date and time taken from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/21/51	22:48:00					kona			10	10.0	13.5	st (kona)	4.36	4.78	4.70	4.87	5.01			4.84	hono	V?	felt-Kona to volcano; Capt. Cook (Greenwell diary) big shaker	numerals-in remarks column refer to HVO postcards]
8/22/51	2:14:00					kona			10	10.0	13.5	s (kona)	3.59	no trace	no trace	no trace	no trace			3.59	nomo			VL 513, p. 6
8/22/51	3:00:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo		3 vf aftershocks between 2:14 and 6:38; times assumed	VL 513, p. 6
8/22/51	4:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			VL 513, p. 6
8/22/51	5:00:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			VL 513, p. 6
8/22/51	6:38:00					kona			10	10.0	13.5	m (kona)	4.08	4.40	4.24	4.09	4.22			4.24	hono	III	felt-Kona to Kapapala; Kapapala ranch (6:20 am)-slight earthquake; Capt. Cook (Greenwell diary)-0630, good one	closer? or moderate at Kona; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/22/51	8:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		5 f and vf aftershocks between 6:38 and 16:04; times assumed	VL 513, p. 6
8/22/51	10:00:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			VL 513, p. 6
8/22/51	12:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			VL 513, p. 6
8/22/51	12:38:00					kona?			10	10.0	13.5	f? (kona)	3.04	no trace	no trace	no trace	3.14			3.09	aver		preferred magnitude calculated as average of Honolulu and nomogram	not separately in VL 513
8/22/51	14:00:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			VL 513, p. 6
8/22/51	15:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			VL 513, p. 6
8/22/51	16:04:00					kona			10	10.0	13.5	s (kona)	3.84	3.87	<3.97	3.79	4.14			3.93	hono			Honolulu data average of two readings; closer? or slight at Kona; VL 513, p. 6
8/22/51	16:38:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			VL 513, p. 6
8/22/51	17:15:00					kona			10	10.0	13.5	st (kona)	4.36	4.74	4.70	4.49	4.76			4.67	hono	IV	felt-Kona to volcano; Kapapala ranch (5:18 PM)-medium earthquake	numerals-in remarks column refer to HVO postcards]
8/22/51	17:28:00					kona			10	10.0	13.5	s (kona)	3.84	no trace	no trace	no trace	3.84			3.84	hono	III	felt-Kona to; Capt. Cook (Greenwell diary)-1730+, pretty good one	closer? or slight at Kona; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/22/51	19:00:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo		6 f and vf aftershocks between 17:28 8/22 and 0:25 8/24; times assumed	VL 513, p. 6
8/22/51	21:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo	II	Capt. Cook (Greenwell diary)-2130, window rattle	numerals-in remarks column refer to HVO postcards]
8/22/51	23:00:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo	II	Capt. Cook (Greenwell diary)-2320, window rattle	numerals-in remarks column refer to HVO postcards]
8/23/51	2:00:00					kona?																II	Capt. Cook (Greenwell diary)-0200+, windows rattle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/23/51	6:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			VL 513, p. 6
8/23/51	12:00:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo			VL 513, p. 6
8/23/51	16:00:00					kona?																II	Capt. Cook (Greenwell diary)-windows rattle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/23/51	18:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo			VL 513, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/23/51	21:25:00					kona?																	II	Capt. Cook (Greenwell diary)-windows rattle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/23/51	22:55:00					kona?																	II	Capt. Cook (Greenwell diary)-slight	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/24/51	0:25:00					kona			10	10.0	13.5	vf (kona)	2.02								2.02	nomo	III	Kealakekua fault; Capt. Cook (Greenwell diary)-0030, jar; no quakes felt during rest of am	numerals-in remarks column refer to HVO postcards]
8/24/51	21:40:00					kona?																	II	Capt. Cook (Greenwell diary)-gentle, windows rattle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/24/51	21:50:00					kona?																	II	Capt. Cook (Greenwell diary)-gentle, windows rattle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/24/51	22:15:00					kona?																	II	Capt. Cook (Greenwell diary)-windows rattle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/24/51	23:59:00					kona			10	10.0	13.5	vf (kona)	2.02								2.02	nomo		Kona	VL 513, p. 6
8/25/51	10:22:00					kl cal 0-5?		2.0	3.0	3.0	3.6	f	2.12								2.12	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 513, p. 6
8/25/51	11:14:00					kona			65	65.0	65.6	vf; f (kona)	3.13								3.13	nomo	II	Kealakekua fault; Capt. Cook (Greenwell diary)-1100, gentle	Kona mag 2.8-3. 4; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/25/51	12:00:00					kona?																	II	Capt. Cook (Greenwell diary)-windows rattle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/25/51	16:45:00					kona?																	II	Capt. Cook (Greenwell diary)-gentle; no quakes felt rest of PM	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/26/51	3:29:00					kona			70.5	70.5	71.1	vf	3.18								3.18	nomo		Kealakekua fault	VL 513, p. 6
8/26/51	8:04:00	19		155		kona			70.5	55.3	56.0	vf	3.02								3.02	nomo	III	Kona-Kaholo pali; Capt. Cook (Greenwell diary)-slight jar	numerals-in remarks column refer to HVO postcards]
8/26/51	8:11:00					kona			70.5	70.5	71.1	vf; s (kona)	3.35								3.35	nomo	III	Kealakekua fault; Capt. Cook (Greenwell diary)-good one	Kona mag 3.2-3.6; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/26/51	10:30:00					kona?																	III	Capt. Cook (Greenwell diary)-good one	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/26/51	19:40:00	19	26.3	155	55.0	kona			65.5	69.1	69.7	vf	3.17								3.17	nomo	II	2.3 mi S75E of Napoopoo; Capt. Cook (Greenwell diary)-gentle jolt	numerals-in remarks column refer to HVO postcards]
8/27/51	3:20:00					kona?																	II	Capt. Cook (Greenwell diary)-windows rattle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/27/51	4:31:00					kona			65	65.0	65.6	vf; f (kona)	3.13								3.13	nomo		Kealakekua fault	Kona mag 2.8-3. 4; VL 513, p. 6
8/27/51	5:20:00					kona?																	III	Capt. Cook (Greenwell diary)-very nice shake	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/27/51	6:45:00					kona?																	II	Capt. Cook (Greenwell diary)-slight	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/27/51	13:45:00					kona?																	III	Capt. Cook (Greenwell diary)-tiny jolt	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/27/51	16:01:00					kona			70.5	70.5	71.1	vf	3.18								3.18	nomo		Kealakekua fault	VL 513, p. 6
8/27/51	17:26:00					kona?																	III	Capt. Cook (Greenwell diary)-good rattler	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/27/51	21:44:00					kona?																	II	Capt. Cook (Greenwell diary)-gentle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/27/51	21:46:00					kona?																	III	Capt. Cook (Greenwell diary)-windows rattle well	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/27/51	21:58:00	19	25.0	155	53.0	kona			65	65.6	66.2	vf; s (kona)	3.71							3.71	nomo	III	near Keokea; Capt. Cook (Greenwell diary)-windows rattle well	Kona mag 3. 4-3.9; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/28/51	11:44:00					kona			70.5	70.5	71.1	vf	3.18							3.18	nomo		Kealakekua fault	VL 513, p. 6
8/28/51	14:24:00					kona			70.5	70.5	71.1	vf	3.18							3.18	nomo	II	Kealakekua fault; Capt. Cook (Greenwell diary)-1400, tiny quake	numerals-in remarks column refer to HVO postcards]
8/28/51	17:48:00	19	32.4	155	9.1	hilo			22.5	16.7	19.0	f-felt	3.60							3.60	nomo	felt	3 mi WSW of mountain view; felt-mtn view, volcano	VL 513, p. 6
8/28/51	18:04:00	19	21.10	155	21.40	kl swr		2.0	13.0	13.4	13.5	vf	2.03							2.03	nomo		SW rift near Kilauea (sic-read "Mauna") Iki	VL 513, p. 6
8/28/51	20:28:00					kona			65	65.0	65.6	vf; f (kona)	3.13							3.13	nomo		Kealakekua fault	Kona mag 2.8-3. 4; VL 513, p. 6
8/29/51	6:02:00					kona			65	65.0	65.6	vf; f (kona)	3.13							3.13	nomo	III	Kealakekua fault; Capt. Cook (Greenwell diary)-0605, windows rattled, wake up to dog barking	Kona mag 2.8-3. 4; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/29/51	14:10:00					kona?																III	Capt. Cook (Greenwell diary)-jolt	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/29/51	19:20:00					kona?																II	Capt. Cook (Greenwell diary)-long window rattle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/29/51	19:43:00					kona			70.5	70.5	71.1	vf; s (kona)	3.18							3.18	nomo		Kona	Kona mag 2.8-3.3; VL 513, p. 6
8/29/51	21:25:00					kona			65	65.0	65.6	vf-felt; f (kona)	3.40							3.40	nomo	II	Kealakekua fault; felt-Kona; Capt. Cook (Greenwell diary)-gentle window rattle	Kona mag 2.8-3. 4; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/30/51	5:40:00					kona?																III	Capt. Cook (Greenwell diary)-windows rattle and dog barking	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/30/51	7:23:00					kona			70.5	70.5	71.1	vf; m (kona)	3.76							3.76	nomo	IV	Kealakekua fault; felt strongly-Kona; Capt. Cook (Greenwell diary)-0720, slight improvement, ditto result	Kona mag 3.6-4.1; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/30/51	14:23:00					kona			70.5	70.5	71.1	vf	3.18							3.18	nomo		Kona	VL 513, p. 6
8/30/51	16:47:00					kona?																II	Capt. Cook (Greenwell diary)-windows rattle, seem a bit longer today	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/30/51	22:00:00					kona?																II	Capt. Cook (Greenwell diary)-rumble	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/31/51	16:08:00					kona		5	70.5	70.5	70.7	vf-felt; st (kona)	3.92	no trace	no trace	no trace	no trace			3.92	nomo	IV	Kealakekua fault; felt strongly-Kona; intensity V; 4 km from Kona; Capt. Cook (Greenwell diary)-1600, not felt by me (riding in jeep) but was "evidently a good shake"	Kona mag >3.8 if shallow; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/31/51	17:35:00					kona?																II	Capt. Cook (Greenwell diary)-tiny	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/31/51	18:51:00	19	23.0	155	57.1	kona			74.5	73.0	73.6	vf; f (kona)	3.20							3.20	nomo	II	3.5 mi w of Hookena; Capt. Cook (Greenwell diary)-tiny rattle	Kona mag 3.0-3. 5; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/1/51	1:00:00					kona?																III	Capt. Cook (Greenwell diary)-slept through it-considered good shake by others, dog barked	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/1/51	5:00:00					kona?																III	Capt. Cook (Greenwell diary)-slept through it-considered good shake by others, dog barked	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/1/51	11:45:00					kona?																III	Capt. Cook (Greenwell diary)-good jolt, not felt by me	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/1/51	12:29:00					kona			60	60.0	60.7	f; s (kona)	4.09							4.09	nomo	III	Kealakekua fault; Capt. Cook (Greenwell diary)-PM, fair one	Kona mag 3.8-4.3 if s part of fault; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/1/51	23:21:00	19	24.7	155	53.0	kona			65	65.7	66.3	vf; f (kona)	3.13							3.13	nomo	II	0.8 mi n of Kealia; Capt. Cook (Greenwell diary)-2320, short, light, windows rattle, but seems to have been very light; continuous shaking for 15 minutes or so afterward	Kona mag 2.8-3. 4; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/2/51	7:25:00					kona?																II	Capt. Cook (Greenwell diary)-gentle rattle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/2/51	18:35:00					kona			70.5	70.5	71.1	vf	3.18							3.18	nomo			VL 513, p. 6
9/2/51	23:00:00					kona?																II	Capt. Cook (Greenwell diary)-light jolt	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/3/51	0:37:00					kona			70.5	70.5	71.1	vf	3.18							3.18	nomo	III	Kona; Capt. Cook (Greenwell diary)-0030, jolt	numerals-in remarks column refer to HVO postcards]
9/3/51	22:00:00					kona?																II	Capt. Cook (Greenwell diary)-slight jar	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/4/51	0:48:00					kona			70.5	70.5	71.1	vf	3.18							3.18	nomo	III	Kona; Capt. Cook (Greenwell diary)-0030, shake	numerals-in remarks column refer to HVO postcards]
9/4/51	3:45:00					kona?																II	Capt. Cook (Greenwell diary)-0030, shake	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/4/51	5:10:00					kona			70.5	70.5	71.1	vf; m (kona)	3.76							3.76	nomo			Kona mag 3.6-4.1; VL 513, p. 6
9/4/51	6:15:00					kona?																III	Capt. Cook (Greenwell diary)-"wake up" rattle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/4/51	14:13:00					kona		5	70.5	70.5	70.7	vf-felt; st (kona)	3.92	no trace	no trace	no trace	no trace			3.92	nomo	IV	felt strongly-Kona; intensity IV; Capt. Cook (Greenwell diary)-at Napoopoo beach felt and sounded like an explosion a few feet underground, more terrifying than 1st quake	Kona mag >3.8 if shallow; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/4/51	15:10:00					kona?																II	Capt. Cook (Greenwell diary)-tiny jiggle	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/4/51	16:16:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 513, p. 6
9/4/51	22:28:00					kona		5	70.5	70.5	70.7	vf-felt; st (kona)	3.92	no trace	no trace	no trace	no trace			3.92	nomo	III	felt-Kona to; intensity III; Capt. Cook (Greenwell diary)-good one, rattled windows	Kona mag >3.8 if shallow; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/5/51	13:30:00					kona?																III	Capt. Cook (Greenwell diary)-not felt at 5200 ft altitude, jolt felt by others	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/5/51	17:00:00					kona?																II	Capt. Cook (Greenwell diary)-slight jar	not in VL 513-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/6/51	1:29:00					kona			70.5	70.5	71.1	vf; s (kona)	3.35							3.35	nomo	III	Capt. Cook (Greenwell diary)-good, noisy jolt; go to Honolulu after this, return in November	Kona mag 3.1-3.6; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/8/51	14:50:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 513, p. 6
9/8/51	23:27:00					kona			5	5.0	10.3	t; f (kona)	2.85							2.85	nomo		assume 5 km to Kona	VL 513, p. 6
9/9/51	13:58:00					kona			5	5.0	10.3	t; m (kona)	3.89							3.89	nomo		assume 5 km to Kona	VL 513, p. 6
9/10/51	1:50:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		"Kilauea" in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 513, p. 6
9/10/51	12:55:00					kona			60	60.0	60.7	vf	3.07							3.07	nomo		Kona; assume 15 km to Kona	VL 513, p. 6
9/11/51	0:26:00	19	22.50	155	12.50	hilo?				24.0	25.6	f; sl? (hilo)	3.49							3.49	nomo	IV	e rift near Puu Huluhulu; Warshauer notes: nocturnal tremor felt in Hilo around 12:30 a.m. today; dishes rattled in the vicinity of Halai Hill; location given as NE rift of Mauna Loa at 11,000 feet; slight in Hilo; not felt in Kona	[newspaper location at variance with VL published location; calculated magnitudes, assuming slight at Hilo, fail to agree for either; location guessed, consistent with Hilo/HVO size classification and with felt report]; VL 513, p. 6; HTH, 9/11/1951
9/11/51	12:44:00					kona			60	60.0	60.7	vf	3.07							3.07	nomo		Kona; assume 15 km to Kona	VL 513, p. 6
9/12/51	1:12:00					kona			70.5	70.5	71.1	vf; s (kona)	3.35							3.35	nomo			Kona mag 3.1-3.6; VL 513, p. 6
9/12/51	1:27:00					kona			60	60.0	60.7	vf-felt; f (kona)	3.41							3.41	nomo	felt	felt-Naalehu	Kona mag 3.0-3. 5; VL 513, p. 6
9/12/51	3:26:00	19	21.00	155	18.40	kl koae		2.0	9.5	10.2	10.4	m	3.90	no trace	no trace	no trace	no trace			3.90	nomo		SW rift near pit craters	not felt!; VL 513, p. 6
9/12/51	18:55:00					kona			60	60.0	60.7	vf	3.07							3.07	nomo		Kona	VL 513, p. 6
9/12/51	18:56:00					unknown						vf												VL 513, p. 6
9/14/51	16:49:00					unknown						vf												VL 513, p. 6
9/15/51	16:45:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		assume 15 km to Kona	VL 513, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/15/51	21:33:00	19	19.7	155	41.8	ml swr			46.5	47.3	48.2	vf	2.91							2.91	nomo		9000 ft SW rift	VL 513, p. 6
9/15/51	23:48:00					kaoiki?			21.5	21.5	23.3	vf-felt	3.15							3.15	nomo	felt	felt-Kapapala	VL 513, p. 6
9/16/51	1:43:00	19	19.0	155	25.9	kaoiki			21.5	22.0	23.8	st	4.75	4.87	5.22	4.94	4.93	5.0		4.99	hono	V (VL; S&C)	Kaoiki fault 3 mi NE of Kapapala; felt-Kona to Hilo; felt-Hilo-3 to IV; Hilo-3 to IV [date given as 9/15]; Warshauer notes: shook the Big Island; dismantled HVO and ML seismographs; strong in Hilo, Volcano. Pahala, and Kona; no serious damage	VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]; HTH, 9/17/1951
9/16/51	3:00:00					kaoiki			21.5	21.5	23.3	vf	2.41							2.41	nomo		Kaoiki fault; 10 events, 1:43-21:05; vf	VL 513, p. 6
9/16/51	5:00:00					kaoiki			21.5	21.5	23.3	vf	2.41							2.41	nomo		do	VL 513, p. 6
9/16/51	7:00:00					kaoiki			21.5	21.5	23.3	vf	2.41							2.41	nomo		do	VL 513, p. 6
9/16/51	9:00:00					kaoiki			21.5	21.5	23.3	vf	2.41							2.41	nomo		do	VL 513, p. 6
9/16/51	11:00:00					kaoiki			21.5	21.5	23.3	vf	2.41							2.41	nomo		do	VL 513, p. 6
9/16/51	13:00:00					kaoiki			21.5	21.5	23.3	vf	2.41							2.41	nomo		do	VL 513, p. 6
9/16/51	15:00:00					kaoiki			21.5	21.5	23.3	vf	2.41							2.41	nomo		do	VL 513, p. 6
9/16/51	17:00:00					kaoiki			21.5	21.5	23.3	vf	2.41							2.41	nomo		do	VL 513, p. 6
9/16/51	19:00:00					kaoiki			21.5	21.5	23.3	vf	2.41							2.41	nomo		do	VL 513, p. 6
9/16/51	21:00:00					kaoiki			21.5	21.5	23.3	vf	2.41							2.41	nomo		do	VL 513, p. 6
9/16/51	21:50:00					kona			37	37.0	38.1	t; f (kona)	3.76							3.76	nomo		Kona; assume 15 km to Kona	VL 513, p. 6
9/16/51	23:19:00					unknown						vf												VL 513, p. 6
9/17/51	10:17:00	19	28.5	155	55.5	ml wf				70.2	70.8	vf-felt; m (kona)	3.75							3.75	nomo	III	w slope Mauna Loa near summit; Kealakekua-3	must be much closer to Kona; Kealakekua fault give Kona mag 3.6-4.1?; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/17/51	15:19:00					kaoiki?			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo			VL 513, p. 6
9/17/51	18:17:00	19	23.0	155	38.7	ml swr			40.5	40.8	41.8	vf; f (kona)	3.48							3.48	nomo		11000 ft SW rift	Kona mag 3. 4-4.0; VL 513, p. 6
9/18/51	8:47:00					unknown						vf												VL 513, p. 6
9/19/51	19:15:00					kona			70.5	70.5	71.1	vf; s (kona)	3.35							3.35	nomo			Kona mag 3.1-3.6; VL 513, p. 6
9/20/51	0:11:00					kaoiki?			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo			VL 513, p. 6
9/20/51	0:25:00					kona			5	5.0	10.3	t; s (kona)	3.40							3.40	nomo		assume 5 km to Kona	VL 513, p. 6
9/20/51	0:42:00					kona			70.5	70.5	71.1	vf; s (kona)	3.35							3.35	nomo			Kona mag 3.1-3.6; VL 513, p. 6
9/20/51	3:21:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		assume 15 km to Kona	VL 513, p. 6
9/21/51	7:46:00					unknown						vf												VL 513, p. 6
9/21/51	12:30:00					kona?			15	15.0	17.5	t; f (kona)	3.22							3.22	nomo		assume 15 km to Kona	VL 513, p. 6
9/23/51	19:01:00					kona?		5	70.5	70.5	70.7	vf; st (kona)	3.92							3.92	nomo	IV	felt strongly-Kona; Warshauer notes: fairly strong, dismantled Kona seismometer; Kealakekua-4, first quake we have felt for about a week, quite long but not strong, started with bump	Kona mag >3.8 if shallow; VL 513, p. 6; HTH, 9/24/1951; HVO, unpub [intensities-arabic numerals in remarks column refer to HVO postcards]
9/24/51	3:01:00	19	23.1	155	24.3	kaoiki			16.5	16.0	18.4	vf	2.24							2.24	nomo		Kaoiki fault 2 mi NE of Ainapo	VL 513, p. 6
9/24/51	3:13:00	19	41.7	155	52.3	hualalai?			70	70.8	71.3	vf-felt; s (kona)	3.93							3.93	nomo	III	Hualalai summit; felt-Kona; Kealakekua-4, 2 quakes, not as long as the 7:04 PM Sept. 23 quake, noise seems to come from north followed by bump and shake	Kona mag 3.7-4.2; VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/24/51	3:30:00					kona			10	10.0	13.5	t; f (kona)	3.04							3.04	nomo	III	Kealakekua-4, 2 quakes, not as long as the 7:04 PM Sept. 23 quake, noise seems to come from north followed by bump and shake	VL 513, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/24/51	23:47:00	19	31.00	154	41.80	kl ler sf?		10.0	59.0	60.3	61.1	vf-felt	3.41							3.41	nomo	IV	e rift 10 mi e of Kapoho (?); felt-Hilo; Warshauer notes: The Hilo tremor, sufficient to jiggle dishes and bric-a-brac, was timed at 11:18 p.m. [same event?]; origin probably on NE rift Mauna Loa about 15 miles from Hilo	[newspaper and VL location inconsistent; VL location accepted]; VL 513, p. 6; HTH, 9/25/1951
9/25/51	0:56:00	19	43.6	155	55.8	hualalai			77	77.8	78.3	vf-felt; f (kona)	3.25							3.25	nomo	III	5000 ft NW rift Hualalai; felt-n Kona; Warshauer notes: Two Kona shakers were timed at 12:53 a.m. and 1:26 a.m.; Kealakekua-3, long and slow	Kona mag 3.2-3.8; VL 513, p. 6; HTH, 9/25/1951; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/25/51	1:23:00	19	43.6	155	55.8	hualalai			77	77.8	78.3	s-felt; m (kona)	4.59	no trace	no trace	3.58	4.07			4.17	aver	felt	do; felt generally-n Kona; Warshauer notes: see above; preferred magnitude calculated as average of Honolulu and nomogram	Kona mag VL 4.3-4.8; closer to Kona?; preferred magnitude averages Whitney, Kona and two Honolulu magnitudes; VL 513, p. 6; HTH, 9/25/1951
9/26/51	20:20:00	19	35.1	155	54.1	hualalai			66.5	69.7	70.3	vf-felt; s (kona)	3.51							3.51	nomo	III	s slope Hualalai 4 mi se of Holualoa; felt-Kona; Kealakekua-3, short and not too strong	Kona mag 3.3-3.8; VL 513, p. 7; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/26/51	23:21:00					unknown						vf												VL 513, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/30/51	6:21:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 513, p. 7
9/30/51	11:17:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 513, p. 7
9/30/51	16:06:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 513, p. 7
10/1/51	9:17:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 4
10/3/51	22:56:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 4
10/4/51	6:01:00					kona			65	65.0	65.6	vf; f (kona)	3.13							3.13	nomo		central Kona; assume 10 km from Kona	VL 514, p. 4
10/4/51	19:03:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 4
10/5/51	2:09:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 4
10/5/51	8:42:00	19	8.5	155	32.0	hilea			43	43.1	44.1	vf-felt	3.59							3.59	nomo	felt	Kaoiki fault near Hilea; felt-Kapapala,	VL 514, p. 4
10/6/51	2:44:00	19	29.0	155	55.5	kona			60	70.3	70.8	vf; f (kona)	3.18							3.18	nomo		e edge of Kealakekua bay	Kona mag 2. 5-3.1; VL 514, p. 4
10/6/51	4:36:00	19	19.9	155	25.4	kaoiki			20.5	20.4	22.3	f-felt	3.71							3.71	nomo	felt	Kaoiki fault 4 mi NE of Kapapala; felt-Kapapala,	VL 514, p. 4
10/6/51	8:35:00	19	19.0	155	25.9	kaoiki			21.5	22.0	23.8	vf; s (ml)	3.17							3.17	nomo		Kaoiki fault 3 mi NE of Kapapala	ml mag 3. 4-3.9; needs to be closer to ml seismometer; VL 514, p. 4
10/6/51	13:34:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 4
10/7/51	1:28:00	19	8.5	155	32.0	hilea			43	43.1	44.1	vf-felt	3.59							3.59	nomo	felt	Hilea; felt-	VL 514, p. 4
10/7/51	5:14:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 4
10/8/51	7:16:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo		assume 10 km from Kona	VL 514, p. 4
10/9/51	1:40:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo		central Kona; assume 10 km from Kona	VL 514, p. 4
10/9/51	4:45:00					kona			60	60.0	60.7	s	4.63	no trace	no trace	no trace	3.62			4.12	aver	IV	central Kona; assume 10 km from Kona; felt-Kona to Hilo; Kealakekua-strong and short; Hilo-2, very light; preferred magnitude calculated as average of Honolulu and nomogram	VL 514, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/9/51	5:23:00					kona			70.5	70.5	71.1	f-felt; m (kona)	3.93	no trace	no trace	no trace	no trace			3.93	nomo	III	central Kona; assume 4 km from Kona; felt-Kealakekua ; Kealakekua-3, stronger than one at 4:45	Kona mag 3.6-4.1; VL 514, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/10/51	2:31:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 514, p. 4
10/11/51	21:30:00					kona			70.5	70.5	71.1	vf-felt; m (kona)	3.93							3.93	nomo	felt	central Kona; assume 4 km from Kona; felt-Kealakekua ; Kealakekua-sharp and slow	Kona mag 3.6-4.1; VL 514, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/12/51	10:12:00					kona			65	65.0	65.6	vf; s (kona)	3.13							3.13	nomo		central Kona; assume 10 km from Kona	Kona mag 3.2-3.6; VL 514, p. 4
10/12/51	16:06:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 514, p. 4
10/13/51	5:30:00					hilo??																II	Hilo-2, slight earthquake	not in VL 514-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/14/51	16:37:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 514, p. 4
10/14/51	19:52:00					hilea?			43	43.0	43.9	vf-felt	3.59							3.59	nomo	felt	felt-Naalehu	VL 514, p. 4
10/15/51	2:43:00					kona			65	65.0	65.6	vf	3.13							3.13	nomo		assume 10 km from Kona	VL 514, p. 4
10/15/51	19:47:00					unknown						vf												VL 514, p. 4
10/17/51	8:49:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 4
10/17/51	21:12:00	19	33.6	155	12.1	hilo			17	15.6	18.1	s-felt; m-ml	4.05	no trace	no trace	no trace	no trace			4.05	nomo	felt	3000 ft NE rift; felt-volcano, Hilo	ml mag 3.9-4. 4; VL 514, p. 4
10/19/51	1:00:00					ml ner?			25	25.0	26.6	vf-felt	3.24							3.24	nomo	felt	NE rift?; felt-volcano	VL 514, p. 4
10/20/51	11:58:00					unknown						vf												VL 514, p. 4
10/20/51	19:10:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 514, p. 4
10/20/51	21:01:00					kona			65	65.0	65.6	vf; f (kona)	3.13							3.13	nomo		central Kona; assume 10 km from Kona	Kona mag 2.8-3. 4; VL 514, p. 4
10/23/51	10:42:00					kona			4	4.0	9.8	t-felt; s (kona)	3.37							3.37	nomo	II	central Kona; assume 4 km from Kona; felt-Kealakekua ; Kealakekua (time 11:15 am-wrong?)-light shake	VL 514, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/24/51	13:14:00					kona			65	65.0	65.6	vf; f (kona)	3.13							3.13	nomo		central Kona; assume 10 km from Kona	Kona mag 2.8-3. 4; VL 514, p. 4
10/24/51	13:15:00					ml mok			35	35.0	36.1	vf-felt	3.05							3.05	nomo	felt	felt-ml summit	VL 514, p. 4
10/25/51	2:42:00					unknown						vf												VL 514, p. 4
10/25/51	5:22:00					unknown						vf												VL 514, p. 4
10/27/51	21:05:00					unknown						vf												VL 514, p. 4
10/28/51	6:53:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 4
10/29/51	2:07:00					kona			65	65.0	65.6	vf	3.13							3.13	nomo		central Kona; assume 10 km from Kona	VL 514, p. 4
10/29/51	23:49:00	19	10.4	155	30.5	hilea			43	38.7	39.8	vf	2.78							2.78	nomo		Kaoiki fault 3 mi NE of Hilea	VL 514, p. 4

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
11/1/51	20:48:00					unknown						vf												VL 514, p. 5
11/3/51	6:26:00					unknown						vf												VL 514, p. 5
11/4/51	19:24:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 514, p. 5
11/6/51	10:44:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 514, p. 5
11/6/51	11:08:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 514, p. 5
11/7/51	20:11:00	19	41.7	155	52.3	hualalai			70	70.8	71.3	vf	3.18							3.18	nomo		Hualalai summit	
11/7/51	22:46:00					unknown						vf												VL 514, p. 5
11/8/51	9:34:00	19	9.0	155	44.0	ml swr			60	58.8	59.5	st	5.39	5.62	5.63	5.66	5.61			5.63	hono	VI; VI [USE; S&C]	4500 ft SW rift; felt-s Hawaii island; Warshauer notes: "strong" quake shook Big Island; no damage; felt all island; Kona dur 30 sec; Kahuku Ranch-stone fences down, concrete sidewalks cracked, few dishes broken; additional felt reports in HVO, unpub	VL 514, p. 5; HTH, 11/8; 9/1951; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/8/51	10:16:00					unknown						vf												VL 514, p. 5
11/8/51	14:10:00					kona			10	10.0	13.5	t; s (kona)	3.59							3.59	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
11/8/51	14:22:00					kona			70.5	70.5	71.1	vf-felt	3.93							3.93	nomo	felt	assume 4 km from Kona; felt-Kealakekua ; Kealakekua-noise followed by bump	numerals-in remarks column refer to HVO postcards]
11/8/51	16:33:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 514, p. 5
11/8/51	23:27:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
11/9/51	0:55:00	19	16.80	155	15.50	kl kuer sf		10.0		16.8	19.5	vf	2.28							2.28	nomo		Hilina fault near Puu Kapukapu	VL 514, p. 5
11/10/51	14:16:00	19	23.0	155	38.7	ml swr			40.5	40.8	41.8	vf	2.81							2.81	nomo		11000 ft SW rift	VL 514, p. 5
11/11/51	3:52:00					unknown						vf												VL 514, p. 5
11/11/51	7:08:00	19	22.50	155	13.70	kl uer		2.0		7.1	7.4	s-felt	3.17							3.17	nomo	II	e rift near Pauahi; felt-Hilo; Hilo-2	VL 514, p. 5; HVO unpub
11/12/51	7:01:00	19	21.5	155	25.6	kaoiki			18.5	19.2	21.2	vf	2.34							2.34	nomo		Kaoiki fault near Ainapo	VL 514, p. 5
11/13/51	0:41:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 514, p. 5
11/16/51	2:57:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 514, p. 5
11/16/51	20:54:00					unknown						vf												VL 514, p. 5
11/17/51	14:50:00					kona			15	15.0	17.5	f-felt (kona)	3.22							3.22	nomo	II	assume 15 km from Kona; felt-Kealakekua ; Kealakekua-very slight shake	numerals-in remarks column refer to HVO postcards]
11/18/51	1:31:00					kona			15	15.0	17.5	t-vf-felt (kona)	2.95							2.95	nomo	II	assume 15 km from Kona; felt-Kealakekua ; Kealakekua-light shake	numerals-in remarks column refer to HVO postcards]
11/18/51	2:47:00					kona			4	4.0	9.8	t-felt; s (kona)	3.37							3.37	nomo	II	central Kona; assume 4 km from Kona; felt-Kealakekua ; Kealakekua-light shake	numerals-in remarks column refer to HVO postcards]
11/18/51	11:18:00	19	25.40	155	17.40	kl cal 0-5		2.0		3.2	3.8	vf	1.14							1.14	nomo		Kilauea crater near Uwekahuna	VL 514, p. 5
11/19/51	18:58:00					unknown						vf												VL 514, p. 5
11/20/51	17:43:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
11/21/51	6:22:00					unknown						vf												VL 514, p. 5
11/21/51	10:00:00	20	2.0	155	37.0	mauna kea			75	76.8	77.3	vf	3.24							3.24	nomo		plain near Kamuela	VL 514, p. 5
11/21/51	22:23:00					unknown						vf												VL 514, p. 5
11/22/51	17:37:00	19	31.5	155	15.0	hilo			10.5	10.5	13.8	vf	2.04							2.04	nomo		e slope Mauna Loa 3 mi e of Kulani	VL 514, p. 5
11/23/51	8:22:00	19	28.5	155	59.8	kona			75	77.7	78.2	s-felt; m (kona)	4.59	no trace	no trace	no trace	no trace			4.00	nomo	felt	Kealakekua fault 5 mi w of Napoopoo; felt-central Kona to Kahuku	Kona mag 3.8-4.3; location wrong-se of Napoopoo?; or feeble at Whitney?; Kona magnitude preferred; VL 514, p. 5
11/25/51	6:17:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 514, p. 5
11/25/51	21:41:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
11/26/51	12:35:00	19	22.00	155	10.50	kl mer		2.0		11.5	11.7	vf	1.93							1.93	nomo		e rift near Makaopuhi crater	VL 514, p. 5
11/26/51	21:25:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
11/28/51	9:36:00					unknown						vf												VL 514, p. 5
11/28/51	11:41:00					unknown						vf												VL 514, p. 5
12/1/51	6:09:00					kona			65	65.0	65.6	vf	3.13							3.13	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
12/2/51	12:00:00					unknown						vf												VL 514, p. 5
12/3/51	8:33:00					unknown						vf												VL 514, p. 5
12/5/51	5:20:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 514, p. 5

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
12/6/51	20:19:00	19	25.00	155	1.00	kl mer sf?		5.0		25.8	26.3	st (m?)	4.55	<4.52	<4.52	<4.0	4.53			4.53	hono	IV	e rift 7 mi SW of Pahoa; felt-Kapapala to Hilo and east Puna; Warshauer notes: A strong earthquake was felt all over the Hilo and Volcano districts at 8:19 last night	Honolulu amplitude average of two readings; [moderate?, or closer to summit?; probably kl sf rather than rift]; VL 514, p. 5; additional felt data in HVO unpub; HTH, 12/7/1951
12/9/51	16:37:00					kl cal 0-5		2.0		4.0	4.5	f	2.27							2.27	nomo		near Kilauea crater	VL 514, p. 5
12/11/51	2:12:00					unknown						vf												VL 514, p. 5
12/11/51	13:58:00					unknown						vf												VL 514, p. 5
12/12/51	16:51:00					unknown						vf												VL 514, p. 5
12/13/51	3:06:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
12/13/51	21:54:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 514, p. 5
12/14/51	19:22:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
12/15/51	1:36:00					unknown						vf												VL 514, p. 5
12/15/51	23:16:00					unknown						vf												VL 514, p. 5
12/17/51	15:48:00					unknown						vf												VL 514, p. 5
12/19/51	5:30:00					unknown						vf												VL 514, p. 5
12/20/51	14:00:00					kona?																III	Capt. Cook (Greenwell diary)-good quake	not in VL 514-date and time from felt report; HVO unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/23/51	9:31:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 514, p. 5
12/23/51	11:15:00					kona?																II	Capt. Cook (Greenwell diary)-short quake	not in VL 514-date and time from felt report; HVO unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/25/51	0:05:00					kona?																II	Capt. Cook (Greenwell diary)-small, noisy jiggle	not in VL 514-date and time from felt report; HVO unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/25/51	9:50:00					unknown						vf												VL 514, p. 5
12/26/51	23:06:00					unknown						vf												VL 514, p. 5
12/28/51	16:17:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
12/29/51	8:45:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
12/29/51	17:32:00	19	11.3	155	28.7	hilea			33	35.4	36.5	vf-felt	3.46							3.46	nomo	felt	Kaoiki fault near Pahala; felt-Naalehu, Kapapala	VL 514, p. 5
12/30/51	2:00:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
12/31/51	15:49:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 514, p. 5
1/2/52	6:47:00					unknown						vf												VL 515, p. 6
1/8/52	5:40:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 515, p. 6
1/10/52	0:22:00					unknown						vf												VL 515, p. 6
1/11/52	2:33:00					unknown						vf												VL 515, p. 6
1/12/52	4:23:00					unknown						vf												VL 515, p. 6
1/12/52	20:54:00					kl cal 0-5?		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 6
1/15/52	5:13:00					unknown						vf												VL 515, p. 6
1/17/52	7:36:00					unknown						vf												VL 515, p. 6
1/23/52	0:54:00					unknown						vf												VL 515, p. 6
1/23/52	4:10:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 6
1/23/52	6:27:00					mauna kea			75	75.0	75.5	vf-felt	3.22							3.22	nomo	II	plain 5 mi ESE of Kamuela; felt-Kukuihaele; Kukuihaele-2	numerals-in remarks column refer to HVO postcards]
1/23/52	7:54:00	19	25.00	155	15.00	kl cal 0-5		2.0		2.0	2.8	f	1.95							1.95	nomo		near Kilauea Iki	VL 515, p. 6
1/23/52	11:13:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 515, p. 6
1/23/52	11:54:00					unknown						vf												VL 515, p. 6
1/24/52	7:03:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 515, p. 6
1/24/52	7:14:00					unknown						vf												VL 515, p. 6
1/24/52	13:26:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 6
1/24/52	18:24:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 6
1/25/52	3:04:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 6
1/25/52	3:06:00					unknown						vf												VL 515, p. 6
1/25/52	16:53:00					kona			15	15.0	17.5	f (kona)	3.22							3.22	nomo		central Kona; assume 15 km from Kona	VL 515, p. 6
1/25/52	19:44:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 6
1/25/52	20:55:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		central Kona; assume 15 km from Kona	VL 515, p. 6
1/26/52	1:58:00	19	16.80	155	12.80	kl kuer sf		10.0	16.5	17.5	20.2	st (slight?)	3.87	<4.65	<4.65	no trace	<4.08			3.88	nomo		Hilina fault 3 mi e of Puu Kapukapu	["strong" classification inconsistent with indicated hypocenter, lack of felt report and lack of record in Honolulu; slight?]; VL 515, p. 6
1/26/52	2:52:00	19	16.80	155	12.80	kl kuer sf		10.0	16.5	17.5	20.2	s	3.87							3.87	nomo		do	VL 515, p. 6
1/27/52	0:07:00					kl kuer sf		10.0	16.5	16.5	19.3	s	3.84							3.84	nomo		Hilina fault	VL 515, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/27/52	18:52:00					kona			15	15.0	17.5	t; f (kona)	3.22							3.22	nomo		central Kona; assume 15 km from Kona	VL 515, p. 6
1/27/52	18:59:00					kona			70.5	70.5	71.1	vf; s (kona)	3.18							3.18	nomo		central Kona; assume 4 km from Kona	Kona mag 3.2-3.6; VL 515, p. 6
2/1/52	20:30:00					kona			65	65.0	65.6	vf-felt; f (kona)	3.13							3.13	nomo	felt	central Kona; assume 10 km from Kona; felt-Capt. cook; Captain Cook-5, short, strong and heavy	Kona mag 2.8-3. 4; VL 515, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/2/52	1:16:00					hilo deep	48	48	31	31.0	57.1	m	4.85	4.90	4.45	4.56	4.76			4.67	hono	V	nearly under Kaumana [Hilo]; felt-most of Hawaii island, strongly at Hilo; Warshauer notes: A short strong earthquake jerked some Hiloans awake at 1:16 this morning, but no damage reported.; Captain Cook-4; Hilo-2 to III, rattled windows; Kukuihaele-5	location reasonable?; VL 515, p. 6; HTH, 2/2/1952; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/2/52	3:46:00					hilo?		48	31	31.0	57.1	vf	3.03							3.03	nomo			VL 515, p. 6
2/2/52	5:58:00					mauna kea?			75	75.0	75.5	t-felt	2.75							2.75	nomo	II	felt-Kukuihaele; Kukuihaele-2	numerals-in remarks column refer to HVO postcards]
2/2/52	6:19:00					hilo?		48	31	31.0	57.1	vf	3.03							3.03	nomo			VL 515, p. 6
2/2/52	13:05:00					hilo?		48	31	31.0	57.1	vf	3.03							3.03	nomo			VL 515, p. 6
2/6/52	6:20:00					unknown						vf												VL 515, p. 6
2/6/52	18:42:00	19	22.00	155	10.50	kl mer		2.0	11.5	11.5	11.7	f	2.94							2.94	nomo		e rift near Makaopuhi crater	VL 515, p. 6
2/6/52	20:52:00					unknown						vf												VL 515, p. 6
2/6/52	22:10:00					unknown						vf												VL 515, p. 6
2/7/52	4:27:00	19	22.00	155	10.50	kl mer		2.0	11.5	11.5	11.7	s	3.49							3.49	nomo		e rift near Makaopuhi crater	VL 515, p. 6
2/7/52	21:22:00					unknown						vf												VL 515, p. 6
2/7/52	21:23:00					kl mer?		2.0	11.5	11.5	11.7	f	2.94							2.94	nomo		e rift	VL 515, p. 6
2/7/52	21:55:00	19	22.60	155	7.90	kl mer		2.0	15.0	14.9	15.0	st (slight?)	3.66	<4.12	<4.22	no trace	3.72			3.72	hono		e rift 1 mi e of Napau crater	Honolulu amplitude average of two readings; ["strong" classification inconsistent with indicated hypocenter, lack of felt report and record in Honolulu; Honolulu record agrees with mag 3.69 using classification "slight"]; VL 515, p. 6
2/8/52	2:02:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		assume 15 km from Kona	VL 515, p. 6
2/12/52	6:44:38	19	16.6	155	27.1	kaoiki				26.4	27.9	f-felt	3.55							3.55	nomo	IV (Kapap ala)	Warshauer notes: quake felt strongly at the Kapapala Ranch headquarters as a short sharp bump; no damage; origin on Kaoiki fault close to Kapapala	HTH, 2/12/1952 [date and time from felt report; omitted from VL 515, including table, but time and class given to newspaper]
2/13/52	20:36:00					kona			70.5	70.5	71.1	vf; m (kona)	3.76							3.76	nomo		central Kona, probably on Kealakekua fault; assume 4 km from Kona	Kona mag 3.6-4.1; VL 515, p. 6
2/14/52	15:46:00					kona			10	10.0	13.5	t; s (kona)	3.59							3.59	nomo		central Kona; assume 10 km from Kona	VL 515, p. 6
2/14/52	15:50:00					kona			10	10.0	13.5	t; s (kona)	3.59							3.59	nomo		central Kona; assume 10 km from Kona	VL 515, p. 6
2/15/52	14:47:00					kona			10	10.0	13.5	t; vf (kona)	2.77							2.77	nomo		assume 10 km from Kona	VL 515, p. 6
2/15/52	23:04:00					kona			10	10.0	13.5	t; vf (kona)	2.77							2.77	nomo		central Kona; assume 10 km from Kona	VL 515, p. 6
2/16/52	0:29:00					mauna kea?																II	Kukuihaele-2	not in VL 515-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/19/52	11:20:00	19	16.8	155	27.2	kaoiki			26	26.3	27.8	vf-felt	3.27							3.27	nomo	felt	se slope Mauna Loa near Kapapala; felt-Kapapala	VL 515, p. 6
2/19/52	19:26:00					unknown						vf												VL 515, p. 6
2/21/52	6:15:00	19	22.60	155	7.00	kl mer		2.0	16.7	16.4	16.5	s-felt	3.73	<4.30	<4.22	no trace	<3.65			3.73	nomo	II	e rift 2 mi e of Napau crater; felt-volcano to Pepeekeo; Hilo-2, one jolt with no preliminary	VL 515, p. 6; HVO unpub
2/22/52	17:10:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 515, p. 6
2/22/52	21:34:00					unknown						vf												VL 515, p. 6
2/23/52	1:47:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 515, p. 6
2/23/52	22:41:00					ml swr			46.5	46.5	47.4	vf-felt	3.64							3.64	nomo	felt	8500 ft SW rift; felt-Kapapala	VL 515, p. 6
2/24/52	10:20:00	19	38.0	155	35.5	ml nf			41.5	41.5	42.5	vf; f (ml)	3.16							3.16	nomo		n slope Mauna Loa 11 mi n of Mokuaweoweo	ml mag 3.0-3. 5; VL 515, p. 6
2/24/52	11:22:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 6
2/24/52	11:47:00					unknown						vf												VL 515, p. 6
2/24/52	11:54:00					unknown						vf												VL 515, p. 6
2/25/52	8:28:00					unknown						vf												VL 515, p. 6
2/26/52	12:36:00					unknown						vf												VL 515, p. 6
3/1/52	3:07:00					mauna kea?																II	Kukuihaele-2	not in VL 515-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/1/52	11:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/1/52	14:36:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 6
3/6/52	20:44:00	19	20.00	155	5.50	kl mer sf		10.0	19.5	20.9	23.2	f-felt	3.42							3.42	nomo	felt	Hilina fault 2 mi n of ka lae a puki; felt-Hilo, volcano	VL 515, p. 6
3/9/52	5:59:00					unknown						vf												VL 515, p. 6
3/9/52	7:51:00					unknown						vf												VL 515, p. 6
3/9/52	10:51:00					unknown						vf												VL 515, p. 6
3/9/52	13:57:00	19	18.80	155	8.60	kl mer sf		10.0	16.0	18.0	20.6	s	3.88							3.88	nomo		Hilina fault 2.5 mi NW of Kaena pt	VL 515, p. 6
3/9/52	14:01:00					unknown						vf												VL 515, p. 6
3/10/52	13:45:00					unknown						vf												VL 515, p. 6
3/11/52	10:10:00					unknown						vf												VL 515, p. 6
3/12/52	3:37:00					unknown						vf												VL 515, p. 6
3/12/52	16:28:00					unknown						vf												VL 515, p. 6
3/12/52	16:54:00					kona			70.5	70.5	71.1	vf; s (kona)	3.18							3.18	nomo		central Kona; assume 5 km from Kona	Kona mag 3.2-3.6; VL 515, p. 6
3/12/52	17:07:00					unknown						vf												VL 515, p. 6
3/12/52	17:11:00					unknown						vf												VL 515, p. 6
3/12/52	22:17:00					unknown						vf												VL 515, p. 6
3/13/52	11:38:00	19	2.40	155	6.20	kl mer sf os		10.0		46.5	47.6	st	5.23	5.37	5.35	5.21	5.23			5.29	hono	felt	off south shore; felt-volcano to Naalehu	VL 515, p. 6
3/14/52	17:45:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 6
3/14/52	18:21:00	19	2.80	155	4.80	kl mer sf os		10.0		46.8	47.9	st	5.24	5.25	5.07	5.21	5.23			5.19	hono	felt	off south shore; felt-Hilo to Kapapala	VL 515, p. 6
3/14/52	19:06:00					unknown						vf												VL 515, p. 7
3/14/52	19:09:00					unknown						vf												VL 515, p. 7
3/15/52	22:16:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 7
3/16/52	15:53:00					kl cal 0-5		2.0		3.0	3.6	f-felt	2.45							2.45	nomo	felt	Kilauea crater; felt-volcano	VL 515, p. 7
3/16/52	22:45:00	19	19.70	155	2.00	kl mer sf		10.0		26.6	28.4	vf	2.54							2.54	nomo		Hilina fault 2 mi w of Kapaahu	
3/17/52	17:58:00	19	7.50	155	2.00	kl mer sf os?		10.0		41.6	42.8	st	5.16	5.88	no record	5.50	5.63	5.00	USE?	5.67	hono	V; V (USE; S&C)	felt-Naalehu; small tsunami at Kalapana; Warshauer notes: tsunami at Kalapana; earthquake not felt there.	VL 515, p. 7; HTH, 3/18/1952; see also bib; coverage of the earthquake swarm continues daily through 3/28
3/18/52	4:50:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 515, p. 7
3/18/52	8:03:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 515, p. 7
3/18/52	9:02:00					kl kuer sf os								<4.27	<4.27	<4.05	4.28			4.28	hono		off south shore	not in VL 515
3/18/52	10:53:00	19	0.10	155	19.80	kl kuer sf os		10.0		48.3	49.3	m	4.75	4.78	4.65	4.75	4.65			4.71	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/18/52	13:01:00	19	6.10	155	20.50	kl kuer sf os		10.0		37.6	38.9	m	4.58	<4.27	<4.27	<4.05	4.30			4.30	hono		off south shore	Honolulu amplitude average of two readings; VL 515, p. 7
3/18/52	14:18:00	19	4.60	155	24.70	kl swr sf os		10.0		42.5	43.6	st	5.17	5.57	5.73	5.43	5.51			5.56	hono		off south shore	VL 515, p. 7
3/19/52	2:55:00	19	6.50	155	1.80	kl mer sf os?		10.0		43.4	44.5	st	5.19	5.48	5.68	5.40	5.43			5.50	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/19/52	8:05:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 515, p. 7
3/19/52	14:15:00					kl kuer sf os		10.0	47.0	47.0	48.1	s?	4.73	4.60	no record	4.65	4.48			4.58	hono		off south shore	not in VL 515
3/19/52	15:51:00	19	2.00	155	20.10	kl swr sf os		10.0		44.9	46.0	st	5.21	5.52	no record	5.36	5.29			5.39	hono		off south shore	VL 515, p. 7
3/20/52	1:22:00	19	2.30	155	18.50	kl kuer sf os		10.0		43.9	45.1	st	5.20	5.52	no record	5.25	5.30			5.36	hono		off south shore	VL 515, p. 7
3/20/52	9:51:00	19	3.20	155	14.70	kl kuer sf os		10.0		42.0	43.2	st	5.17	5.50	5.45	5.25	5.28			5.37	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/20/52	20:16:00	19	3.50	155	23.70	kl swr sf os		10.0		43.8	44.9	m	4.68	4.49	4.49	4.60	4.49			4.52	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/20/52	23:48:00	19	2.20	155	23.60	kl swr sf os		10.0		46.0	47.1	m	4.71	4.49	4.43	4.70	4.43			4.51	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/21/52	4:35:00	19	2.70	155	13.90	kl kuer sf os		10.0		43.0	44.2	st	5.18	4.78	4.78	4.83	4.78			4.79	hono	felt	off south shore; felt-Naalehu	mag agreement improved if moderate rather than strong; VL 515, p. 7
3/21/52	10:55:00					kl kuer sf os		10.0	40.0	40.0	41.2	s?	4.62	4.56	4.54	4.70	4.40			4.55	hono		off south shore	Honolulu amplitude average of two readings; not in VL 515
3/21/52	14:25:00	19	4.30	155	14.30	kl kuer sf os		10.0		40.0	41.3	m	4.62	4.40	4.40	4.35	4.30			4.36	hono		off south shore	mag agreement improved if closer to shore; VL 515, p. 7
3/22/52	2:02:00	19	2.50	155	12.10	kl kuer sf os		10.0		43.7	44.9	st	5.19	5.04	5.22	5.09	4.90			5.06	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/22/52	6:19:00	19	7.80	155	0.40	kl mer sf os?		10.0		42.9	44.0	m	4.67	4.35	4.35	4.70	4.53			4.48	hono		off south shore	VL 515, p. 7
3/22/52	19:20:00	19	6.40	155	3.90	kl mer sf os?		10.0		41.6	42.8	m	4.65	4.70	4.75	4.70	4.70			4.71	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/22/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	s	4.40							6.12	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 515, p. 5) with the earthquake list on p. 7 (including those identified at Honolulu) shows 79 (s) unaccounted for between 3/16 and 22/1952, assuming all belong to the swarm

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/22/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	f	3.85							5.71	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 515, p. 5) with the earthquake list on p. 7 (including those identified at Honolulu) shows 111 (f) unaccounted for between 3/16 and 22/1952, assuming all belong to the swarm
3/22/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	vf	2.83							5.27	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 515, p. 5) with the earthquake list on p. 7 (including those identified at Honolulu) shows 483 (vf) unaccounted for between 3/16 and 22/1952, assuming all belong to the swarm
3/23/52	6:52:00	19	11.70	154	55.00	kl mer sf os?		10.0		44.8	45.9	m	4.70	4.70	4.70	4.80	4.70			4.73	hono	V	off south shore, felt at Naalehu and Pahala; Pahala-3 to V, shook house, rattled windows, house and bed moved	VL 515, p. 7; HVO unpub
3/23/52	15:05:00	19	2.80	155	14.40	kl kuer sf os		10.0		42.8	43.9	m	4.67	4.48	4.65	4.65	4.60			4.60	hono	felt	off south shore, felt at Naalehu and Pahala	VL 515, p. 7
3/24/52	2:02:00	19	8.00	155	1.70	kl mer sf os?		10.0		41.2	42.4	m	4.64	4.53	4.53	4.80	4.70			4.64	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/24/52	13:29:00	19	6.30	155	2.40	kl mer sf os?		10.0		43.1	44.2	st	5.18	4.83	4.92	4.88	no record			4.88	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/25/52	0:30:00	19	1.30	155	17.00	kl kuer sf os		10.0		45.6	46.7	m	4.71	<4.27	3.70	4.59	no record			4.25	hono		off south shore	Honolulu amplitude average of two readings; VL 515, p. 7
3/25/52	7:04:00	19	4.30	155	5.80	kl kuer sf os		10.0		43.6	44.7	st	5.19	4.70	4.78	4.68	no record			4.72	hono	felt	off south shore; felt-Naalehu	Honolulu amplitude average of two readings; VL 515, p. 7
3/25/52	9:17:00	19	5.20	155	5.10	kl kuer sf os		10.0		42.5	43.7	st	5.18	5.19	5.20	5.20	5.18			5.19	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/26/52	4:40:00	19	3.30	155	13.80	kl kuer sf os		10.0		41.9	43.1	m	4.65	<4.47	<4.47	<3.95	4.10			4.10	hono	felt	off south shore; felt-Naalehu	Honolulu amplitude average of two readings; VL 515, p. 7
3/27/52	4:31:00	19	3.10	155	12.60	kl kuer sf os		10.0		42.5	43.7	m	4.66	4.70	4.60	4.75	4.60			4.66	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/27/52	22:44:00	19	2.20	155	13.90	kl kuer sf os		10.0		44.0	45.1	m	4.68	4.78	4.60	no trace	4.48			4.68	hono	IV	off south shore; felt-Naalehu, Pahala; Pahala-shook house, rattled windows; 4, shook bed; Warshauer notes: The quake at 10:43 p.m. was reported by a Naalehu resident as "quite strong" and was felt rather longer than usual.	VL 515, p. 7; HVO unpub; HTH, 3/28/1952
3/28/52	11:57:00	19	3.30	155	11.50	kl kuer sf os		10.0		42.4	43.6	m	4.66	<4.47	<4.42	4.48	4.28			4.38	hono	felt	off south shore; felt-Naalehu	Honolulu amplitude average of two readings; VL 515, p. 7
3/29/52	2:42:00					kl kuer sf os?		10.0	42.0	42.0	43.2	m	4.65	4.65	4.74	det	4.78			4.72	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
3/29/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	s	4.40							6.17	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 515, p. 5) with the earthquake list on p. 7 (including those identified at Honolulu) shows 90 (s) unaccounted for between 3/23 and 29/1952, assuming all belong to the swarm
3/29/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	f	3.85							5.50	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 515, p. 5) with the earthquake list on p. 7 (including those identified at Honolulu) shows 66 (f) unaccounted for between 3/23 and 29/1952, assuming all belong to the swarm
3/29/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	vf	2.83							5.10	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 515, p. 5) with the earthquake list on p. 7 (including those identified at Honolulu) shows 313 (vf) unaccounted for between 3/23 and 29/1952, assuming all belong to the swarm
3/30/52	13:53:00					kl kuer sf os?		10.0	42.0	42.0	43.2	st	5.17	4.84	4.87	4.75	4.78			4.81	hono	IV	off south shore; Warshauer notes: Quakes off south coast total 2995. The only heavy earthquake in the past 24 hours came at 1:53 p.m. Sunday.	VL 515, p. 7; HTH, 3/31/1952
3/30/52	16:03:00					kl sf os		10.0	42.0	42.0	43.2	m?	4.65	4.40	4.30	no trace	4.30			4.33	hono		off south shore	not in VL 515
3/31/52	22:00:00	19	2.20	155	13.40	kl kuer sf os		10.0		44.0	45.2	st	5.20	4.78	4.78	4.75	4.81			4.78	hono	felt	off south shore; felt-Naalehu	VL 515, p. 7
4/1/52	13:30:00					kona?																III	Kealakekua (Greenwell diary)-slight jolt	not in VL 516-date and time from felt report; HVO unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/3/52	5:09:00	19	24.5	155	22.7	kaoiki			20	12.6	15.5	f	3.14							3.14	nomo		Kaoiki fault near Ohaikea	VL 516, p. 7
4/3/52	6:23:00					kl uer		2.0	7.0	7.0	7.3	vf	1.60							1.60	nomo		e rift	VL 516, p. 7
4/3/52	6:27:00					kl uer		2.0	7.0	7.0	7.3	vf	1.60							1.60	nomo		e rift	VL 516, p. 7
4/4/52	11:09:00	19	22.60	155	8.80	kl mer		2.0	13.5	13.5	13.6	s	3.59							3.59	nomo		e rift near Napau crater	VL 516, p. 7
4/4/52	11:19:00	19	22.60	155	8.80	kl mer		2.0	13.5	13.5	13.6	f	3.05							3.05	nomo		do	VL 516, p. 7
4/4/52	16:08:00					kl cal 0-5			2.0	2.0	9.2	f	2.78							2.78	nomo		Kilauea crater	VL 516, p. 7
4/4/52	20:08:00	19	19.60	155	5.60	kl mer sf		5.0	20.5	21.1	21.7	f	3.37							3.37	nomo		Hilina fault 1.8 mi N10W of ka lae a puki	VL 516, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/5/52	11:23:00	19	22.00	155	10.50	kl mer	20.8		11.5	11.5	14.6	m	4.14	no trace	no trace	no trace	no trace			4.14	nomo		e rift near Makaopuhi crater	could be shallow; VL 516, p. 7
4/5/52	14:16:00					kl kuer sf os		10.0	42.0	42.0	43.2	m	4.65	4.40	4.40	no trace	4.40			4.40	hono		off south shore	closer to shore?; VL 516, p. 7
4/5/52	21:04:00	19	22.60	155	8.80	kl mer		5.0	13.5	13.5	14.4	m	4.40	4.60	4.60	4.60	4.43			4.56	hono		e rift near Napau crater	could be deeper; VL 516, p. 7
4/5/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	s	4.40							5.82	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 515, p. 5) with the earthquake list on p. 7 (including those identified at Honolulu) shows 37 (s) unaccounted for between 3/30 and 4/5/1952, assuming all belong to the swarm
4/5/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	f	3.85							5.25	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 515, p. 5) with the earthquake list on p. 7 (including those identified at Honolulu) shows 55 (f) unaccounted for between 3/30 and 4/5/1952, assuming all belong to the swarm
4/5/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	vf	2.83							5.00	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 515, p. 5) with the earthquake list on p. 7 (including those identified at Honolulu) shows 242 (vf) unaccounted for between 3/30 and 4/5/1952, assuming all belong to the swarm
4/6/52	3:44:00	19	22.60	155	8.80	kl mer		5.0	13.5	13.5	14.4	s	3.63							3.63	nomo		do	VL 516, p. 7
4/6/52	4:06:00	19	23.90	155	5.40	kl mer		2.0	17.1	18.4	18.5	f	3.26							3.26	nomo		e rift 1.5 mi w of Kalalua	VL 516, p. 7
4/6/52	14:57:00					kl kuer sf os		10.0	42.0	42.0	43.2	s?	4.40	4.44	<4.57	<4.05	4.20			4.32	hono		off south shore	Honolulu amplitude average of two readings; not in VL 516
4/6/52	15:10:00					kl kuer sf os		10.0	42.0	42.0	43.2	m	4.65	4.40	4.48	4.65	4.40			4.48	hono		off south shore	VL 516, p. 7
4/6/52	15:36:00					kl kuer sf os?		10.0	42.0	42.0	43.2	s?	4.40	4.40	4.40	det	4.30			4.37	hono	III	off south shore; Kealakekua (Greenwell diary-3:30 PM)-4, very good shake	not in VL 516; HVO unpub
4/6/52	20:53:00					kl cal 0-5		2.0		3.0	3.6	s	2.67							2.67	nomo		Kilauea crater	VL 516, p. 7
4/6/52	21:00:00					kona?																II	Kealakekua (Greenwell diary-9 PM)-tiny jiggle	not in VL 516-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/6/52	21:20:00					oahu?								4.33	4.56	off scale	off scale			4.45	hono	IV (Cox; S&C); V (USE)	offshore bet Molokai and lanai; felt widely on Oahu, houses creaked, windows rattled, fixtures rocked; short quake centered on Oahu or offshore was felt widely in Honolulu, also felt lightly on Maui and Kauai. Rated as intensity IV and not damaging.	Cox, 1986; not recorded at Whitney vault; VL 516, p. 7; HTH, 4/7/1952
4/6/52	22:58:00					kl cal 0-5		2.0	3.0	3.0	3.6	st	3.44	no trace	no trace	no trace	no trace			3.44	nomo	IV	notes: A series of earthquakes under the east rift and caldera began last Friday [Apr. 4] and are continuing today. One strong one was registered at 10:58 p.m. Sunday, rattling windows at the Volcano House	VL 516, p. 7; HTH, 4/7/1952
4/7/52	1:31:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 516, p. 7
4/7/52	1:54:00	19	22.50	155	9.70	kl mer		2.0	13.0	12.2	12.3	f	2.98							2.98	nomo		e rift 1 mi e of Makaopuhi crater	VL 516, p. 7
4/7/52	3:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	s	2.67							2.67	nomo		Kilauea crater	VL 516, p. 7
4/7/52	6:05:00	19	22.50	155	12.50	kl uer		2.0	8.5	8.3	8.6	m	3.77	no trace	no trace	no trace	no trace			3.77	nomo		e rift near Puu Huluhulu	VL 516, p. 7
4/7/52	6:44:00					kl cal 0-5		2.0	3.0	3.0	3.6	s	2.67							2.67	nomo		Kilauea crater	VL 516, p. 7
4/7/52	12:15:00	19	22.10	155	12.00	kl uer		2.0	9.0	9.5	9.7	vf	1.80							1.80	nomo		e rift near Alae crater	VL 516, p. 7
4/7/52	12:53:00	19	22.00	155	10.50	kl mer sf?	19.2	10.0	11.5	11.5	15.3	st	4.44	4.69	4.65	4.63	4.90			4.72	hono	III	e rift near Makaopuhi crater; felt-Naalehu to volcano; Warshauer notes: A quake at 12:54 p.m. was lightly felt in the national park area.	VL 516, p. 7; HTH, 4/8/1952
4/7/52	13:00:00					kl kuer sf os		10.0	42.0	42.0	43.2	m	4.65	4.30	4.48	<4.20	4.40			4.39	hono		off south shore	Honolulu amplitude average of two readings; VL 516, p. 7
4/7/52	23:55:00	19	22.10	155	12.00	kl uer	11.2	11.2	9.0	9.5	14.7	m	4.14	no trace	no trace	no trace	no trace			4.14	nomo		e rift near Alae crater	VL 516, p. 7
4/10/52	16:56:00	19	18.80	155	10.10	kl kuer sf		10.0	15.5	16.3	19.1	m	4.33	4.20	4.20	no trace	4.20			4.20	hono	felt	Hilina fault at Poliokeawe pali 3.5 mi N45W of Kaena pt; felt-Naalehu	VL 516, p. 7
4/10/52	22:52:00	19	20.1	155	41.1	ml swr deep?	32	10	47	46.0	47.0	s-felt; m (ml)	4.23	<4.45	<4.37	3.82	4.05			3.92	hono	IV	felt strongly--volcano, moderate at Hilo, slight at Paauhau and Kukuihaele; Warshauer notes: sharp quake, acc by roar, jolted Hilo, rattling windows and dishes; no damage; "quite strong", Kapapala and Naalehu; additional felt reports in HVO, unpub	shallower? or closer?; 9200 ft SW rift, 35 km from ml seismometer; ml mag 4.4-4.9; VL 516, p. 7; HTH, 4/11/1952; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/11/52	7:34:00	19	22.00	155	10.50	kl mer		2.0	11.5	11.5	11.7	f	2.94							2.94	nomo		e rift near Makaopuhi crater	VL 516, p. 7
4/12/52	1:29:00	19	23.50	155	7.50	kl mer		2.0	16.7	15.0	15.1	f	3.12							3.12	nomo		e rift 2 mi e of Napau crater	VL 516, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/12/52	5:53:00	19	23.30	155	14.60	kl cal 10-20	20.8	15.0	5.0	5.1	15.8	st	4.47	4.59	4.55	4.53	4.40			4.52	hono	felt	e rift 1 mi NW of Heake; felt-Naalehu, Kapapala	moderate? or shallower?; VL 516, p. 7
4/12/52	6:22:00					kl kuer sf os		10.0	44.7	44.7	45.8	m	4.69	4.40	4.40	det	4.40			4.40	hono		off south shore	VL 516, p. 7
4/12/52	16:55:00	19	23.90	155	15.10	kl uer		2.0	3.5	3.8	4.3	vf	1.23							1.23	nomo		e rift near Puhimau	VL 516, p. 7
4/12/52	19:40:00	19	22.50	155	12.50	kl cal deep?		30.0	8.5	8.3	31.1	s-felt	4.17							4.17	nomo	III	e rift near Puu Huluhulu; felt-volcano; Kealakekua (Greenwell diary-7:45 PM)-slight, long jiggle; Honokaa-5; Warshauer notes: A quake at 7:50 p.m. Saturday was felt in the Hilo and Volcano area.	depth assumed consistent with felt reports; VL 516, p. 7; HVO unpub; HTH, 4/14/1952
4/12/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	s	4.40							5.30	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 516, p. 7) with the earthquake list on p. 7 (including those identified at Honolulu) shows 10 (s) unaccounted for between 4/6 and 12/1952, assuming all belong to the swarm
4/12/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	f	3.85							4.80	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 516, p. 7) with the earthquake list on p. 7 (including those identified at Honolulu) shows 11 (f) unaccounted for between 4/6 and 12/1952, assuming all belong to the swarm
4/12/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	vf	2.83							4.61	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 516, p. 7) with the earthquake list on p. 7 (including those identified at Honolulu) shows 90 (vf) unaccounted for between 4/6 and 12/1952, assuming all belong to the swarm
4/13/52	12:29:00	19	23.90	155	15.10	kl uer		2.0	3.5	3.8	4.3	f	2.24							2.24	nomo		e rift near Puhimau	VL 516, p. 7
4/13/52	21:04:00	19	24.90	155	3.10	kl mer		2.0	22.5	22.1	22.2	vf	2.37							2.37	nomo		e rift 2 mi e of Kalalua	VL 516, p. 7
4/14/52	8:37:00	19	24.90	155	3.10	kl mer		2.0	22.5	22.1	22.2	s	3.93							3.93	nomo		e rift 2 mi e of Kalalua	VL 516, p. 7
4/14/52	12:25:00	19	24.30	155	4.20	kl mer		2.0	19.5	20.3	20.4	vf	2.31							2.31	nomo		e rift near Kalalua	VL 516, p. 7
4/14/52	16:56:00	19	24.30	155	4.20	kl mer		2.0	19.5	20.3	20.4	vf	2.31							2.31	nomo		e rift near Kalalua	VL 516, p. 7
4/15/52	17:56:00	19	20.60	155	18.20	kl koae	9.6	9.6	10.0	10.7	14.4	s	3.63							3.63	nomo		2 mi WSW of Puu Ohale	VL 516, p. 7
4/15/52	17:59:00	19	20.20	155	19.10	kl koae	8.0	8.0	11.0	12.1	14.5	s	3.64							3.64	nomo		3 mi WSW of Puu Ohale	VL 516, p. 7
4/16/52	0:58:00	19	22.00	155	10.50	kl mer		2.0	11.5	11.5	11.7	f	2.94							2.94	nomo		e rift near Makaopuhi crater	VL 516, p. 7
4/16/52	7:08:00					kl kuer sf os		10.0	42.0	42.0	43.2	m	4.65	4.40	4.48	4.53	4.40			4.45	hono		off south shore	VL 516, p. 7
4/19/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	s	4.40							4.94	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 516, p. 7) with the earthquake list on p. 7 (including those identified at Honolulu) shows 4 (s) unaccounted for between 4/13 and 19/1952, assuming all belong to the swarm
4/19/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	f	3.85							4.12	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 516, p. 7) with the earthquake list on p. 7 (including those identified at Honolulu) shows 2 (f) unaccounted for between 4/13 and 19/1952, assuming all belong to the swarm
4/19/52	23:59:00					kl kuer sf os?		10.0	42.0	42.0	43.2	vf	2.83							4.24	calc		sf offshore; preferred magnitude calculated as nomogram magnitude multiplied by number of events	Reconciliation of the weekly tabulation (VL 516, p. 7) with the earthquake list on p. 7 (including those identified at Honolulu) shows 35 (vf) unaccounted for between 4/13 and 19/1952, assuming all belong to the swarm
4/21/52	17:45:00	19	1.90	155	13.70	kl kuer sf os		10.0		44.5	45.6	m	4.69	4.54	4.65	det	4.54			4.58	hono		off south shore 16 mi S10W of Apua pt	VL 516, p. 7
5/3/52	18:16:00	19	12.50	155	20.80	kl swr sf os		10.0		26.4	28.2	m	4.59	4.43	4.43	no trace	4.55			4.47	hono		off south shore	VL 516, p. 7
5/6/52	6:35:00	19	9.20	155	19.30	kl kuer sf os		10.0		31.5	33.1	f-felt	3.66							3.66	nomo	felt	off south shore; felt-Kapapala	VL 516, p. 7
5/8/52	12:45:00					kl kuer sf os?																II	Kapapala ranch-2	not in VL; date and time from felt report (HVO unpub)
5/10/52	19:14:00					kl cal 05-10	11.2	8.0	3.0	3.0	8.5	st	4.04	<4.12	<4.20	<3.98	<3.70			4.04	nomo	felt	Kilauea crater; felt?	VL 516, p. 7
5/13/52	22:50:00					kaoiki			20	20.0	21.9	s	3.70	<4.12	<4.12	3.76	3.55			3.67	hono		se slope Mauna Loa	Honolulu data average of two readings; VL 516, p. 7
5/15/52	4:10:00	19	18.40	155	9.70	kl mer sf		10.0		17.3	20.0	f	3.32							3.32	nomo		Hilina fault	VL 516, p. 7
5/19/52	1:16:00	19	2.70	155	7.20	kl kuer sf os		10.0		45.4	46.5	s	4.22	<4.17	<4.27	<4.30	<3.78			4.22	nomo		off south shore	VL 516, p. 7
5/19/52	4:08:00	19	20.2	155	28.9	kaoiki			20	25.5	27.1	s	4.07	4.32	4.19	<3.71	<3.24			4.19	hono		se slope Mauna Loa	VL 516, p. 7
5/21/52	17:13:00	19	18.1	155	28.3	kaoiki			20	26.5	27.9	m	4.35	4.33	4.25	4.11	3.94			4.16	hono	II	se slope Mauna Loa; Kapapala ranch-2	numerals-in remarks column refer to HVO postcards]
5/23/52	12:13:00	19	29.0	155	59.0	kona	9.6	9.6		76.4	77.0	st	5.57	5.61	5.45	5.49	5.23	6.0	S&C (Pas)	5.69	aver	VI; VI (S&C)	felt-all Hawaii island, some on Maui; Warshauer notes: "strong" quake felt Kona to Hilo, dur 23 min at HVO; landslides, road damage, water tank breakings and merchandise swept off shelves in Kona; preferred mag calculated as average of M-S (2) and Pas (1)	isoseismal map in W&K; Kealakekua fault 3. 5 mi w of Napoopoo; VL 516, p. 8 [damage report on p. 6]; HTH, 5/24/1952; additional felt reports in HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/23/52	13:40:00					kona?																II	aftershock; Kealakekua-slight	not in VL 516-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/23/52	21:55:00					kona?																II	aftershock; Kealakekua-slight	not in VL 516-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/24/52	3:32:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 516, p. 8
5/24/52	7:00:00					kona?																II	aftershock; Kealakekua-slight	not in VL 516-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/29/52	13:20:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 516, p. 8
5/31/52	5:00:00	19	2.40	155	20.70	kl swr sf os		10.0		44.4	45.5	vf	2.87							2.87	nomo		off south shore	VL 516, p. 8
5/31/52	6:52:00	19	19.7	155	25.9	kaoiki				21.3	23.1	f	3.42							3.42	nomo		se slope Mauna Loa	VL 516, p. 8
6/1/52	1:05:00	19	29.20	155	14.40	kl gln		2.0	6.4	6.6	6.9	m	3.61	no trace	no record	no trace	no trace			3.61	hono		4 mi NNE of Whitney laboratory	VL 516, p. 8
6/3/52	21:12:00	19	29.20	155	14.40	kl gln		2.0	6.4	6.6	6.9	s-felt	3.12							3.12	nomo	felt	4 mi NNE of Whitney laboratory on hypothetical extension of Kaoiki fault; felt-volcano	VL 516, p. 8
6/10/52	16:25:00	19	28.5	155	35.5	ml mok			35	35.2	36.3	s-felt	4.05	no trace	no trace	no trace	3.60			3.60	hono	felt	Mauna Loa summit; felt-Kapapala	VL 516, p. 8
6/11/52	0:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater; 4 events on June 11	VL 516, p. 8
6/11/52	6:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		do	VL 516, p. 8
6/11/52	8:01:00	19	0.70	155	16.30	kl kuer sf os	10.0	5.0		46.6	46.9	s	4.23	<4.17	<4.27	<4.05	<3.70			4.23	nomo		off south shore	VL 516, p. 8
6/11/52	8:12:00					kl cal 0-5?		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater (?)	VL 516, p. 8
6/11/52	12:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater; 4 events on June 11	VL 516, p. 8
6/11/52	18:00:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		do	VL 516, p. 8
6/13/52	6:57:00	19	28.60	155	13.30	kl gln		2.0	6.4	6.6	6.9	s	3.12							3.12	nomo		4 mi NE of Whitney laboratory	VL 516, p. 8
6/14/52	10:44:00					kl cal 0-5		2.0	3.0	3.0	3.6	s-felt	2.67							2.67	nomo	felt	Kilauea crater; felt-volcano	VL 516, p. 8
6/17/52	16:37:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		e slope Mauna Loa	VL 516, p. 8
6/18/52	5:17:00	19	2.10	155	19.80	kl kuer sf os		10.0		44.6	45.7	s	4.44	4.37	4.40	4.35	4.20			4.33	hono		off south shore	VL 516, p. 8
6/18/52	5:20:00					kl kuer sf os		10.0		44.6	45.7	f	3.89							3.89	nomo		off south shore	VL 516, p. 8
6/19/52	16:03:00	19	21.30	155	21.20	kl cal deep?	2.0	25.0	12.5	12.9	28.1	st	4.87	4.83	4.96	4.86	4.79			4.86	hono		SW rift 0.5 mi NE of Mauna Iki, shallow	Honolulu amplitude average of two readings; "shallow" designation in VL 516 unlikely; Honolulu records consistent with deep origin; Honolulu amplitude average of two readings; VL 516, p. 8
6/19/52	16:20:00	19	18.50	155	24.00	kl swr		2.0	18.5	20.0	20.1	s	3.87							3.87	nomo		SW rift near Ponohohoa	VL 516, p. 8
6/19/52	16:27:00	19	19.00	155	22.00	kl swr		5.0	17.0	16.9	17.6	m	4.03	<4.12	<4.12	<4.10	<3.75			4.03	nomo		SW rift near Kamakaia hills	VL 516, p. 8
6/25/52	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							2.76	calc		pre-eruption, inflation-related earthquake swarm; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 65 events (vf) occurring between 6/19 and 6/25; VL 516, p. 8
6/26/52	7:53:00	19	28.5	155	35.5	ml mok			35	35.2	36.3	vf	2.71							2.71	nomo		Mauna Loa summit	VL 516, p. 8
6/26/52	17:23:00	19	16.8	155	27.2	kaoiki			29.5	26.3	27.8	vf-felt	3.27							3.27	nomo	IV	Kaoiki fault near Kapapala; felt strongly-Kapapala	VL 516, p. 8
6/27/52	23:37:30																							continuous volcanic tremor begins coincident with beginning of eruption in Halemaumau crater; VL 516, p. 8
6/27/52	23:39:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 516, p. 8
6/27/52	23:49:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 516, p. 8
6/27/52	23:51:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 516, p. 8
6/27/52	23:58:00					kl cal 0-5		2.0	3.0	3.0	3.6	s	2.67							2.67	nomo		Kilauea crater	VL 516, p. 8
6/27/52	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							2.31	calc		pre-eruption, inflation-related earthquake swarm; preferred magnitude calculated as nomogram magnitude multiplied by number of events	shallow, Kilauea caldera earthquake swarm; 21 events (vf) occurring between 6/26 and 6/27; VL 516, p. 8
6/28/52	0:20:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo			VL 516, p. 8
6/28/52	0:31:00					kl cal 0-5?		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo			VL 516, p. 8
6/28/52	0:47:00					kl cal 0-5		2.0	3.0	3.0	3.6	m	3.17							3.17	nomo			VL 516, p. 8
6/30/52	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.56	calc		earthquake swarm accompanying eruption; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 3 events (f) 6/28-30; VL 516, p. 8
6/30/52	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.82	calc		earthquake swarm accompanying eruption; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 6 events (vf) 6/28-30; VL 516, p. 8
7/1/52	4:16:00					unknown						vf												VL 517, p. 6
7/3/52	9:05:00					kaoiki?			15	15.0	17.5	f; s (ml)	3.22							3.22	nomo		assume 5 km from ml, 15 km from Whitney	ml mag 2.9-3.3; VL 517, p. 6
7/3/52	12:26:00					kaoiki?			15	15.0	17.5	f; s (ml)	3.22							3.22	nomo		assume 5 km from ml, 15 km from Whitney	ml mag 2.9-3.3; VL 517, p. 6
7/5/52	0:00:00					kona?			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		3 events July 5 central Kona; assume 10 km from Kona	VL 517, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
7/5/52	1:00:00					kona?			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		do	VL 517, p. 6
7/5/52	2:00:00					kona?			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		do	VL 517, p. 6
7/6/52	15:38:00					mauna kea?			84	84.0	84.5	vf-felt; (f-hilo)	3.88							3.88	nomo	IV	felt-Kukuihaele; assume epicenter at Kukuihaele; Kukuihaele-5, buildings shook	Hilo mag 3.7-4.3; VL 517, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/6/52	22:56:00					mauna kea?			67	67.0	67.6	f-felt	4.16	4.17	4.17	3.87	4.00			4.05	hono	IV	do; assume epicenter between Kukuihaele and Hilo; Warshauer notes: 2 quakes were recorded last night, one at 10:56 p.m. and the other at 4:42 a.m. Both were felt in Hilo; Kukuihaele-5, rumbling noise followed by quake, buildings shook, objects rattled	VL 517, p. 6; HTH, 7/7/1952; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/7/52	4:43:00					mauna kea?			67	67.0	67.6	s-felt	4.48	4.45	4.25	4.57	4.62			4.47	hono	V	felt-Kukuihaele, Hilo; assume epicenter bet Kukuihaele and Hilo; Warshauer notes: see above; Kukuihaele-5, buildings shook, awakened persons	VL 517, p. 6; HTH, 7/7/1952; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/7/52	6:16:00					unknown						vf												VL 517, p. 6
7/9/52	6:54:00					kl kuer sf?		10.0	16.0	16.0	18.9	s-felt	3.82	no trace	no trace	no trace	no trace			3.82	nomo	III	felt-volcano; Warshauer notes: Three sharp earthquakes jolted this end of the island this morning, the first coming at 6:54; felt east side of island?	VL 517, p. 6; HTH, 7/9/1952
7/9/52	8:10:00					kl kuer sf?		10.0	16.0	16.0	18.9	s-felt	3.82	no record	no record	no trace	3.95			3.95	hono	felt	twin earthquake; Hilina fault?; felt-Hilo, volcano, Naalehu; Warshauer notes: two other quakes within seconds of each other at 8:10; felt from Naalehu through the volcano area to Hilo.	VL 517, p. 6; HTH, 7/9/1952
7/12/52	13:38:00					kona			60	60.0	60.7	m; st (kona)	4.89	3.97	4.05	3.87	4.36			4.38	aver	V	central Kona; assume 15 km from Kona; felt-Kona to Hilo; preferred magnitude calculated as average of Honolulu and nomogram; Kealakekua-5, strong all over Kona, strong and hard, not long, came from south, sounded like a blast	Honolulu data average of two readings; VL 517 time 13:53; Honolulu records record event at 13:38; our calculated mags are 4.9 (Whitney); 4. 5 (Kona); VL 517, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/12/52	14:20:00					kona?																felt	Kealakekua-very light	not in VL 517; HVO, unpub
7/14/52	16:45:00					kaoiki?		45	9	9.0	45.9	t; vf (ml)	2.55							2.55	nomo		assume 5 km from ml	VL 517, p. 6
7/16/52	12:32:00					unknown						f												VL 517, p. 6
7/17/52	17:44:00					kaoiki?			10	10.0	13.5	t; vf (ml)	1.70							1.70	nomo		assume 5 km from ml	do; VL 517, p. 6
7/17/52	18:14:00					kaoiki?			10	10.0	13.5	t; vf (ml)	1.70							1.70	nomo		assume 5 km from ml	do; VL 517, p. 6
7/21/52	11:49:00					kaoiki?			10	10.0	13.5	t; vf (ml)	1.70							1.70	nomo		assume 5 km from ml	do; VL 517, p. 6
7/22/52	2:46:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		assume 15 km from Kona	VL 517, p. 6
7/27/52	14:51:00					hilo?			20	20.0	21.9	vf (ml; hilo)	2.04							2.04	nomo		assume 20 km from ml, 25 km from Hilo	Hilo mag 1.8-3.0; VL 517, p. 6
7/29/52	1:30:00					kaoiki?			7	7.0	11.4	vf (ml)	1.58							1.58	nomo		assume 5 km from ml	see note for 7/1/52 16:45; VL 517, p. 6
7/29/52	10:51:00					kaoiki?			7	7.0	11.4	vf (ml)	1.58							1.58	nomo		assume 5 km from ml	do; VL 517, p. 6
8/1/52	12:33:00					unknown						s												VL 517, p. 6
8/2/52	15:17:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		assume 15 km from Kona	VL 517, p. 6
8/2/52	16:10:00					unknown						s												VL 517, p. 6
8/3/52	14:49:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		assume 15 km from Kona	VL 517, p. 6
8/3/52	18:08:00					kaoiki?			10	10.0	13.5	vf (ml)	1.70							1.70	nomo		assume 10 km from ml	VL 517, p. 6
8/4/52	4:00:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		assume 15 km from Kona	VL 517, p. 6
8/5/52	18:21:00					kaoiki?			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo		assume 5 km from ml	see note for 7/14/52 16:45; VL 517, p. 6
8/9/52	10:31:00					mauna kea?			48	48.0	48.8	f; s (ml; hilo)	4.07							4.07	nomo		assume mk summit; 37 km from ml, 43 km from Hilo, 48 km from Whitney	hilo mag 3.9-4. 4; ml mag 3.8-4.2; VL 517, p. 6
8/10/52	18:06:00					ml ner			20	20.0	21.9	vf (ml)	2.04							2.04	nomo		NE rift; assume 20 km from ml	VL 517, p. 6
8/11/52	12:21:00					kaoiki?			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo		assume 5 km from ml	see note for 7/14/52 16:45; VL 517, p. 6
8/12/52	20:16:00					mauna kea?			42	42.0	43.0	t; vf (ml; kona; hilo)	2.51							2.51	nomo		assume w slope mk; 45 km from Kona, 55 km from Whitney, 56 km from Hilo, 42 km from ml	Kona mag 2. 4-3.6; Hilo mag 2.3-3. 5; VL 517, p. 6
8/13/52	0:52:00					kaoiki?			15	15.0	17.5	t; f (ml)	2.90							2.90	nomo		assume 5 km from ml	see note for 7/14/52 16:45; VL 517, p. 6
8/14/52	14:08:00					kl kuer sf os		10.0	44.7	44.7	45.8	s-felt	4.44	<4.17	<4.17	<4.25	4.88			4.44	nomo	felt	off south shore; felt-volcano, Kapapala, Naalehu	Honolulu amplitude average of two readings; N-L high; VL 517, p. 6
8/16/52	21:07:00					kl kuer sf os	10.0	10.0	44.7	44.7	45.8	m	4.69	4.30	4.30	4.35	4.40			4.34	hono		off south shore	VL 517, p. 6
8/18/52	13:59:00					kaoiki?			20	20.0	21.9	s (m-ml)	3.70							3.70	nomo		Kaoiki fault (?); assume 20 km from Whitney, 10 km from ml	ml mag 3. 5-4.0; VL 517, p. 6
8/25/52	21:20:00					unknown						vf												VL 517, p. 7
8/30/52	12:34:00					kaoiki?			10	10.0	13.5	t; vf (ml)	1.70							1.70	nomo		assume 5 km from ml	see note for 7/14/52 16:45; VL 517, p. 7
8/31/52	5:39:00					unknown						vf												VL 517, p. 7
9/2/52	4:45:00					kl cal deep?		30.0	4.0	4.0	30.3	f-felt	3.60	<4.20	<4.02	<3.8	4.63			4.10	aver	IV	Kilauea crater; felt-Glenwood, volcano, Naalehu, Hilo; Capt. Cook-3, slight rattle of windows; preferred magnitude calculated as average of Honolulu and nomogram	N-L high; VL 517, p. 7; HVO unpub
9/3/52	12:47:00					kaoiki?			10	10.0	13.5	t; vf (ml)	1.70							1.70	nomo		assume 5 km from ml	do; VL 517, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/6/52	20:51:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo		central Kona; assume 10 km from Kona	VL 517, p. 7
9/8/52	2:27:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 517, p. 7
9/9/52	20:21:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 517, p. 7
9/10/52	7:50:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 517, p. 7
9/12/52	0:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 517, p. 7
9/12/52	12:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 517, p. 7
9/14/52	8:11:00					mauna kea?			70	70.0	70.6	vf-felt	3.18							3.18	nomo	II	felt-Kukuihaele; Kukuihaele-2 (8:15 am)	numerals-in remarks column refer to HVO postcards]
9/14/52	18:21:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 517, p. 7
9/17/52	12:30:00					kona			10	10.0	13.5	vf? (kona)	2.02							2.02	nomo	felt	assume 10 km from Kona; felt-Kona; Capt. Cook (Greenwell diary-12:30 PM)-two slight quakes, 5 min apart, 2nd quake (12:35) III, from makai to mauka, pictures on Kau and Kohala walls slightly tilted makai, felt in parked automobiles	not in VL 517, p. 7; date and time from felt report [might be 12:36?]; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/17/52	12:41:00					kona			10	10.0	13.5	t-felt; f (kona)	3.04							3.04	nomo	III	assume 10 km from Kona; felt-Kona; Capt. Cook (Greenwell diary-12:30 PM)-two slight quakes, 5 min apart, 2nd quake (12:35) III, from makai to mauka, pictures on Kau and Kohala walls slightly tilted makai, felt in parked automobiles	VL 517, p. 7; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/18/52	14:15:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		assume 15 km from Kona	VL 517, p. 7
9/19/52	15:57:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 15 km from Kona	VL 517, p. 7
9/19/52	17:00:00					kona																III	Capt. Cook (Greenwell diary-approx 5 PM)-noisy jolt felt only in Holualoa	not in VL 517; time and date from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/19/52	20:58:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo	III	assume 15 km from Kona; Capt. Cook (Greenwell diary)-3, rumbling preceded shake, jolt-type with slight shake	VL 517, p. 7; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/20/52	6:53:00					kona			10	10.0	13.5	vf (kona)	2.77							2.77	nomo	IV	assume 10 km from Kona; Capt. Cook (Greenwell diary-6:10 am- time off?)-noisy jolt woke observer in Captain cook; preceding rumble then longish slow sway, slight window rattle, many awakened	VL 517, p. 7; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/20/52	23:55:00					kona?																II	Kukuihaele-2	not in VL 517-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/22/52	2:23:00					unknown						vf												VL 517, p. 7
9/22/52	12:27:00					unknown						vf												VL 517, p. 7
9/24/52	6:14:00					kona?																II	Capt. Cook-1, lying in bed, like blast of dynamite, slight rumble [real quake?]	not in VL 517-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/24/52	11:45:00					kona			10	10.0	13.5	f-felt (kona)	3.04							3.04	nomo	II	assume 10 km from Kona; felt-Kona; Capt. Cook-2 (11:55 am), jolt type with rumble	numerals-in remarks column refer to HVO postcards]
9/26/52	14:56:00					unknown						vf												VL 517, p. 7
9/27/52	7:22:00					kona			4	4.0	9.8	t-felt; s (kona)	3.37							3.37	nomo	IV	central Kona, probably Kealakekua fault; assume 4 km from Kona; felt-Kona; Capt. Cook-3, initial jar, then shake, rattling windows, house shook	VL 517, p. 7; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/27/52	20:36:00					unknown						vf												VL 517, p. 7
9/30/52	4:10:00					kona			15	15.0	17.5	vf-felt (kona)	2.95							2.95	nomo	IV	assume 15 km from Kona; felt-Kona; Capt. Cook-1, v slight tremor, windows rattle, fairly loud rumbling	VL 517, p. 7; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/30/52	20:57:00					unknown						vf												VL 517, p. 7
9/30/52	22:29:00					kona														3.00	nomo	III	Capt. Cook-3; II, smart jolt followed by longish diminishing tremor, one person wakened, no noise	not in VL 517-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/2/52	10:04:00					unknown						vf												VL 518, p. 12
10/3/52	12:12:00					hilea?			40	40.0	41.0	f-felt; s (ml)	3.81	no trace	no trace	no trace	no trace			3.81	nomo	felt	felt-Naalehu, Kapapala; assume 30 km from ml	ml mag 3.6-4.1; VL 518, p. 12
10/4/52	2:56:00					unknown						vf												VL 518, p. 12
10/4/52	18:32:00					unknown						vf												VL 518, p. 12
10/5/52	14:29:00					unknown						vf												VL 518, p. 12
10/5/52	16:14:00					unknown						vf												VL 518, p. 12
10/7/52	11:40:00					unknown						vf												VL 518, p. 12
10/7/52	11:54:00					unknown						vf												VL 518, p. 12
10/8/52	0:04:00					unknown						vf												VL 518, p. 12
10/8/52	5:20:00					unknown						vf												VL 518, p. 12
10/8/52	14:40:00					kaoiki?			15	15.0	17.5	vf; f (ml)	2.54							2.54	nomo		assume 5 km from ml	ml mag 2.3-2.9; VL 518, p. 12

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/8/52	18:59:00					unknown						vf												VL 518, p. 12
10/9/52	15:35:00					hilo?			5	5.0	10.3	(f-hilo)	2.61							2.61	nomo		assume 5 km from Hilo	VL 518, p. 12
10/9/52	17:46:00					unknown						vf												VL 518, p. 12
10/10/52	14:14:00					unknown						vf												VL 518, p. 12
10/11/52	5:14:00					unknown						vf												VL 518, p. 12
10/11/52	19:42:00					unknown						vf												VL 518, p. 12
10/12/52	13:42:00					unknown						vf												VL 518, p. 12
10/13/52	21:53:00					kaoiki?			15	15.0	17.5	vf (ml)	1.88							1.88	nomo			VL 518, p. 12
10/13/52	23:36:00					unknown						vf												VL 518, p. 12
10/14/52	7:30:00					unknown						vf												VL 518, p. 12
10/14/52	11:52:00					kaoiki?			15	15.0	17.5	vf (ml)	1.88							1.88	nomo			VL 518, p. 12
10/14/52	21:58:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		central Kona; assume 15 km from Kona	VL 518, p. 12
10/15/52	6:55:00					unknown						vf												VL 518, p. 12
10/16/52	14:31:00					unknown						vf												VL 518, p. 12
10/16/52	15:37:00					unknown						vf												VL 518, p. 12
10/18/52	2:47:00					unknown						vf												VL 518, p. 12
10/18/52	17:02:00	19	16.2	155	28.9	kaoiki			29.5	29.4	30.7	vf-felt	3.34							3.34	nomo	felt	Kaoiki fault near wood valley (?); felt-Kapapala	VL 518, p. 12
10/18/52	21:17:00					unknown						vf												VL 518, p. 12
10/19/52	13:49:00					east hawaii																II	Hilo-2 [unconfirmed-real quake?]	not in VL; date and time from felt report (HVO unpub)
10/20/52	11:25:00					unknown						vf												VL 518, p. 12
10/21/52	7:23:00					unknown						vf												VL 518, p. 12
10/22/52	1:45:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo		assume 10 km from Kona	VL 518, p. 12
10/22/52	10:10:00					unknown						vf												VL 518, p. 12
10/22/52	16:39:00	19	26.8	155	18.6	kaoiki			5	5.5	10.5	f	2.87							2.87	nomo		Kaoiki fault near bird park (?)	VL 518, p. 12
10/23/52	14:11:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 518, p. 12
10/24/52	15:00:00					unknown						vf												VL 518, p. 12
10/25/52	7:25:00					kona?																II	Capt. Cook-2	not in VL 518-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/25/52	9:25:00					kona			70.5	70.5	71.1	vf-felt; s (kona)	3.52							3.52	nomo	II	central Kona; assume 4 km from Kona; felt-Kona; Capt. Cook-2	Kona mag 3.2-3.6; VL 518, p. 12; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/29/52	13:39:00					unknown						vf												VL 518, p. 12
10/30/52	5:15:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 518, p. 12
11/1/52	1:23:00					unknown						vf												VL 518, p. 12
11/1/52	14:11:00					unknown						vf												VL 518, p. 12
11/2/52	2:57:00					unknown						vf												VL 518, p. 12
11/5/52	12:49:00					kl swr		2.0		7.0	7.3	vf	1.60							1.60	nomo		SW rift (?)	VL 518, p. 12
11/7/52	22:21:00					unknown						vf												VL 518, p. 12
11/8/52	18:33:00					unknown						vf												VL 518, p. 12
11/9/52	16:56:00					unknown						vf												VL 518, p. 12
11/10/52	21:42:00					kona			70.5	70.5	71.1	vf-felt; m (kona)	3.76							3.76	nomo	IV	central Kona; assume 4 km from Kona; felt-Kona; Capt. Cook-3, people standing-sensation of blast through soles of feet, short strong jolt, slight window rattle, bedside lamp swayed; strongest quake in several mos, dogs barked, shaking mauka to makai	Kona mag 3.6-4.1; VL 518, p. 12; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/12/52	8:05:00					unknown						vf												VL 518, p. 12
11/12/52	10:43:00					unknown						vf												VL 518, p. 12
11/12/52	17:43:00					unknown						vf												VL 518, p. 12
11/13/52	12:28:00					kl kuer sf os		10.0		44.7	45.8	s	4.21	<4.17	<4.17	<4.35	3.95			3.95	hono		off south coast	VL 518, p. 12
11/13/52	12:54:00					kona			10	10.0	13.5	f (kona)	3.04							3.04	nomo		central Kona; assume 10 km from Kona	VL 518, p. 12
11/13/52	14:57:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo	III	assume 10 km from Kona; Capt. Cook-2, not felt in auto, slight jolt and window rattle, picture on mauka wall slightly tilted in Kohala direction	VL 518, p. 12; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/16/52	2:40:00					unknown						vf												VL 518, p. 12
11/16/52	2:41:00					kl kuer sf os		10.0		44.7	45.8	s	4.21	4.27	<4.17	<4.25	<3.85			4.27	hono		off south coast	VL 518, p. 12
11/16/52	9:49:00					unknown						vf												VL 518, p. 12
11/18/52	0:39:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 518, p. 12
11/19/52	3:27:00					unknown						vf												VL 518, p. 12

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
11/20/52	10:19:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 518, p. 12
11/22/52	1:08:00	19	22.10	155	12.00	kl cal deep	20.8	20.8		9.5	22.9	s-felt	3.95	no trace	no trace	no trace	no trace			3.95	nomo	II	e rift near Alae crater; Capt. Cook-1, not felt, very light tremor while reading in bed	VL 518, p. 12; HVO unpub
11/23/52	18:31:00					unknown						vf												VL 518, p. 12
11/27/52	16:35:00					kona			60	60.0	60.7	vf-felt; f (kona)	3.41							3.41	nomo	III	central Kona; assume 15 km from Kona; felt-Kona; Capt. Cook-3	Kona mag 3.0-3. 5; VL 518, p. 12; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/27/52	22:14:00	19	29.0	155	38.0	ml mok				39.7	40.7	s-felt	4.13	no trace	no trace	no trace	no trace			4.13	nomo	III	felt-Kona; Capt. Cook-2, rumble preceded quake, appeared to come from mauka, longish tremor as though a wave passed through the house, soft noise acc quake, dog disturbed and anxious before and during quake	VL 518, p. 12; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/1/52	0:30:00					unknown						vf												VL 518, p. 12
12/1/52	1:22:00					kl sf os?		10.0	44.7	44.7	45.8	vf	2.87							2.87	nomo		off south coast (?)	VL 518, p. 12
12/3/52	1:12:00					ml wf			25	25.0	26.6	t-felt; f (kona)	3.51							3.51	nomo	III	w slope Mauna Loa; assume 20 km from Kona; felt Kona; Capt. Cook-not felt by any contacted; person awakened in Honalu (n. Kona) and Kealakekua	VL 518, p. 12; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/3/52	9:10:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		central Kona; assume 15 km from Kona	VL 518, p. 12
12/3/52	20:03:00					kona			15	15.0	17.5	vf-felt (kona)	2.95							2.95	nomo	II	assume 15 km from Kona; felt-central Kona; Capt. Cook-2	numerals-in remarks column refer to HVO postcards]
12/5/52	17:59:00	19	6.00	155	19.00	kl kuer sf os		10.0	44.7	37.3	38.6	vf	2.76							2.76	nomo		off south coast	VL 518, p. 12
12/6/52	9:45:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 518, p. 12
12/7/52	2:26:00	19	28.0	155	43.0	ml wf				48.2	49.0	vf	2.92							2.92	nomo			VL 518, p. 12
12/7/52	11:12:00					unknown						vf												VL 518, p. 12
12/8/52	17:30:00					unknown						vf												VL 518, p. 12
12/10/52	18:01:00	19	28.5	155	35.5	ml mok			35	35.2	36.3	vf-felt	3.46							3.46	nomo	felt	Mauna Loa summit; felt-Naalehu	VL 518, p. 12
12/11/52	1:06:00					unknown						vf												VL 518, p. 12
12/12/52	9:09:00	19	21.0	155	25.6	kaoiki			19	19.7	21.6	f-felt	3.69							3.69	nomo	felt	Kaoiki fault s of Ainapo; felt-Naalehu, volcano	VL 518, p. 12
12/15/52	18:47:00	19	22.50	155	12.50	kl uer		2.0	8.5	8.3	8.6	vf	1.71							1.71	nomo		e rift near Puu Huluhulu	VL 518, p. 12
12/15/52	18:57:00					kl cal deep?	44.8	32.0	4.0	4.0	32.2	vf-felt	2.63							2.63	nomo	II	Kilauea crater; Kukuihaele-2 (date given as Dec. 18 mistranscribed?)	VL 518, p. 12; HVO unpub
12/15/52	21:11:00					unknown						vf												VL 518, p. 12
12/17/52	3:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 518, p. 12
12/20/52	14:00:00					kona?																	Capt. Cook (Greenwell diary)-good quake	not in VL; date and time from felt report
12/21/52	12:12:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 518, p. 12
12/22/52	1:18:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 518, p. 12
12/23/52	3:46:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 518, p. 12
12/23/52	11:15:00					kona																felt	Capt. Cook (Greenwell diary)-short quake	not in VL 514-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/25/52	0:10:00					kona			15	15.0	17.5	vf-felt	2.95							2.95	nomo	III	assume 15 km from Kona; felt-central Kona; Capt. Cook-2, firm shake, dog awakened and barked, felt as light quake by church congregation	VL 518, p. 12; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/28/52	1:22:00	19	41.7	155	52.3	hualalai			70	70.8	71.3	vf-felt; m (kona)	3.93	no trace	no trace	no trace	no trace			3.93	nomo	V	Hualalai summit; felt-Kona; Capt. Cook-3, all occupants awakened, inc. dogs, sharp shaking w roaring noise, strongest in Capt. Cook, Kealakekua and Keei mauka, felt as if it would get stronger, then suddenly quit	Kona mag 4.2-4.7; must be closer to Kona; VL 518, p. 12; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/29/52	20:55:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 518, p. 12
12/31/52	16:00:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 518, p. 12
1/2/53	3:32:00	19	28.5	155	35.5	ml mok?			35	35.2	36.3	vf	2.71							2.71	nomo		Mauna Loa summit	VL 519, p. 5
1/2/53	23:34:00					kona			10	10.0	13.5	vf (kona)	2.77							2.77	nomo	IV	assume 10 km from Kona; Capt. Cook-1, bump on mauka wall of house, a pause, then windows jarred slightly with a rattle, slight noise from mauka to makai acc shock	VL 519, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/3/53	11:31:00	19	28.0	155	52.0	kona				64.0	64.6	f-felt; st (kona)	3.86	<4.27	<4.27	<3.49	3.34			3.60	aver	III	felt strongly-Kona; additional felt reports in HVO, unpub; preferred magnitude calculated as average of Honolulu and nomogram (Whitney distance)	Kona mag >4.3 closer?; Honolulu data average of two readings; N-L low?; central Kona on Kealakekua fault near Keei; VL 519, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/3/53	11:34:00	19	28.0	155	52.0	kona				64.0	64.6	vf-felt; s (kona)	3.45							3.45	nomo	felt	do; aftershock; Kona mag 3.3-3.8	VL 519, p. 5
1/4/53	23:07:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo			VL 519, p. 5
1/7/53	15:58:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo	II	assume 10 km from Kona; felt-Kona; Capt. Cook-1, not felt, very small jar	numerals-in remarks column refer to HVO postcards]
1/7/53	21:31:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo	II	central Kona; assume 10 km from Kona	VL 519, p. 6
1/9/53	9:09:00	19	22.0	155	31.0	kaoiki				27.9	29.3	vf-felt	3.31							3.31	nomo	II	felt-Kapapala,, Kona; Warshauer notes: A small earthquake felt at and Kapapala occurred at 9:08 a.m. on Jan. 9.; Capt. Cook-not felt walking, v slight indoors, few felt or heard it	lat-long in error; felt reports favor Hilea; VL 519, p. 6; HTH, 2/8/1953; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/9/53	9:22:00					hilea?			45	45.0	45.9	vf	2.88							2.88	nomo			VL 519, p. 6
1/9/53	16:05:00					kaoiki?			25.5	25.5	27.0	vf-felt	3.25							3.25	nomo	II	felt-Kapapala; Kalahiki (Kona)-slight tremor, not felt; Capt. Cook-1, not felt in S Kona, felt as slight tremor in Honalo and Honokahau (n Kona)	VL 519, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/9/53	16:42:00					kona			15	15.0	17.5	vf-felt (kona)	2.95							2.95	nomo	felt	central Kona; assume 15 km from Kona; felt-Kona	VL 519, p. 6
1/9/53	21:10:00	19	24.0	155	33.0	kaoiki	22.4	22.4		30.7	38.0	st (m?)	4.56	<4.37	<4.37	4.01	3.81			4.24	aver	V (USE); IV	felt strongly-Kahuku,; moderately at Kapapala, volcano, Hilo, Kona; slightly Kukuihaele; Warshauer notes: strongly felt s part of Big island, less at Kukuihaele; preferred magnitude calculated as average of Honolulu and nomogram	Honolulu data average of two readings; depth 23 km; moderate?, shallower?; VL 519, p. 6; HTH, 2/8/1953; additional felt reports in HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/10/53	6:32:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		central Kona; assume 15 km from Kona	VL 519, p. 6
1/12/53	3:27:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		central Kona; assume 15 km from Kona	VL 519, p. 6
1/12/53	4:13:00	19	1.2	155	32.7	hilea os			54.5	54.6	55.4	s	4.35	no trace	no trace	no trace	no trace			4.35	nomo	felt	4 mi S45E from Naalehu; Capt. Cook-felt by those awake, small shake acc by roaring	date from felt report (1/13 in VL); closer?; VL 519, p. 6; HVO, unpub
1/13/53	7:29:00					kaoiki?			25	25.0	26.6	vf-felt	3.24							3.24	nomo	felt	felt strongly-Kapapala	VL 519, p. 6
1/14/53	5:38:00					kl swr?		2.0	7.0	7.0	7.3	vf	1.60							1.60	nomo			VL 519, p. 6
1/15/53	2:05:00	19	19.0	155	26.0	kaoiki deep	24	24		22.2	32.7	st	4.97	5.62	5.52	faint trace	faint trace	5.2	S&C (Bkl)	5.45	hono	VI; V (S&C)	felt strongly-s Hawaii island Hilo to Kona; slightly on Oahu; Warshauer notes: strong earthquake near Kapapala ranch headquarters. Objects upset and knocked from shelves as far away as Hilo; residents of south Hawaii wakened; also felt on Oahu	VL 519, p. 6; HTH, 2/8/1953; extensive felt reports in HVO, unpub; preferred mag calculated as average of M-S (2) and Berkeley (1)
1/15/53	7:30:00					kona?			10	10.0	13.5	t-felt; s (kona)	3.77							3.77	nomo	III	central Kona; assume 10 km from Kona to north; felt-Kona; Kukuihaele-2; Capt. Cook-1, not felt (asleep), II (another observer); Capt. cook store "hit and run" through building mauka to makai, Kealakekua felt a jolt	VL 519, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/16/53	13:01:00					unknown						vf												VL 519, p. 6
1/16/53	21:54:00					unknown						vf												VL 519, p. 6
1/17/53	5:09:00					unknown						vf												VL 519, p. 6
1/17/53	17:40:00					unknown						vf												VL 519, p. 6
1/18/53	9:33:00	19	24.5	155	22.7	kaoiki			20	12.6	15.5	f	3.14							3.14	nomo		se slope Mauna Loa near Ohaikea	VL 519, p. 6
1/21/53	12:58:00					unknown						vf												VL 519, p. 6
1/23/53	14:18:00					kona			15	15.0	17.5	vf-felt (kona)	2.95							2.95	nomo	IV	central Kona; assume 10 km from Kona; felt-Kona; Kalahiki (Kona)-2, slight tremor, windows rattled	numerals-in remarks column refer to HVO postcards]
1/24/53	11:14:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		central Kona; assume 10 km from Kona	VL 519, p. 6
1/25/53	3:17:00					unknown						vf												VL 519, p. 6
1/27/53	3:00:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 519, p. 6
1/29/53	0:17:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		assume 10 km from Kona	VL 519, p. 6
1/30/53	8:06:00					unknown						vf												VL 519, p. 6
1/30/53	10:53:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		assume 10 km from Kona	VL 519, p. 6
2/3/53	7:28:00					kona			15	15.0	17.5	t (ml); f (kona)	3.22							3.22	nomo		central Kona; assume 10 km from Kona	VL 519, p. 6
2/6/53	20:21:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		central Kona; assume 10 km from Kona	VL 519, p. 6
2/8/53	18:48:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		assume 10 km from Kona	VL 519, p. 6
2/9/53	22:47:00	19	28.5	155	35.5	ml mok			35	35.2	36.3	vf; f (kona)	3.46							3.46	nomo		Mauna Loa summit	Kona mag 3. 5-4.0; closer to Kona?; VL 519, p. 6
2/11/53	21:19:00					kona				0.0	9.0	vf (kona)	1.74							1.74	nomo		central Kona; assume 10 km from Kona	VL 519, p. 6
2/12/53	4:38:00					kona				0.0	9.0	vf (kona)	1.74							1.74	nomo		assume 10 km from Kona	VL 519, p. 6
2/12/53	6:45:00	19	17.0	155	27.0	kaoiki	5	5		25.8	26.3	vf-felt	3.23							3.23	nomo	IV (VL)	felt strongly-Kapapala	VL 519, p. 6
2/12/53	14:06:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 519, p. 6
2/13/53	4:49:00					unknown						vf												VL 519, p. 6
2/13/53	4:51:00					unknown						vf												VL 519, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
2/13/53	4:51:00					unknown						vf												VL 519, p. 6
2/15/53	22:10:00					unknown						vf												VL 519, p. 6
2/16/53	11:21:00	19	24.0	155	22.0	kaoiki				11.7	14.7	vf	2.09							2.09	nomo			VL 519, p. 6
2/16/53	20:20:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 519, p. 6
2/18/53	2:26:00					ml wf			20	20.0	21.9	t (ml); vf (kona)	2.36							2.36	nomo		Mauna Loa w flank; assume 20 km from Kona, 36 km from ml	VL 519, p. 6
2/18/53	2:30:00					ml wf			20	20.0	21.9	t (ml); vf (kona)	2.36							2.36	nomo		do	VL 519, p. 6
2/20/53	6:14:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		central Kona; assume 15 km from Kona	VL 519, p. 6
2/20/53	6:16:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		central Kona; assume 15 km from Kona	VL 519, p. 6
2/21/53	22:44:00					ml wf			25	25.0	26.6	vf (kona)	2.50							2.50	nomo		w slope Mauna Loa	VL 519, p. 6
2/22/53	2:40:00	19	25.7	155	20.7	kaoiki			8.5	8.8	12.6	s-felt	3.54	no trace	no trace	no trace	no trace			3.54	nomo	felt	Kaoiki fault bet bird park and Ohaikea; felt-volcano	VL 519, p. 6
2/25/53	15:30:00					unknown						vf												VL 519, p. 6
3/1/53	22:42:00	19		155	24.00	kl swr sf os		10.0		50.1	51.1	vf	2.95							2.95	nomo			VL 519, p. 6
3/3/53	19:32:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 519, p. 6
3/6/53	4:39:00	19	4.00	155	25.00	kl swr sf os		10.0		43.7	44.8	f	3.88							3.88	nomo			VL 519, p. 6; not found in HTH
3/6/53	6:06:00					unknown						vf												VL 519, p. 6
3/6/53	7:48:00	19	24.0	155	52.5	kona			65	64.8	65.5	vf-felt; s (kona)	3.87							3.87	nomo	III	Kealakekua fault near Kealia (?); felt-central Kona; Capt. Cook-3, jolt and noise, slight tremor as though passing of large truck	Kona mag 3. 5-4.0; VL 519, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/6/53	14:26:00	19	41.7	155	52.3	hualalai	48	48	70	70.8	85.5	vf-felt; f (kona)	3.65	<3.87	no trace	<3.58	3.76			3.76	hono	IV	Hualalai summit; felt-Kona,, Kapapala; Capt. Cook 3, pheasants cried ~2 seconds before quake felt, rolling wave like tremor passed through the house rattling windows; felt similarly in Kailua and Honokahau; naalehu-felt as short hard jolt	Kona mag 3.7-4.3; VL 519, p. 6; not found in HTH; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/9/53	19:27:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo			VL 519, p. 6
3/10/53	6:31:00	19	39.0	155	37.0	ml nf				44.7	45.6	vf	2.87							2.87	nomo			VL 519, p. 6
3/12/53	18:58:00					kl cal 0-5		2.0	4.0	4.0	4.5	t; vf (uwe)	0.08							0.08	nomo			VL 519, p. 6
3/17/53	3:20:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 519, p. 6
3/18/53	11:12:00					unknown						vf												VL 519, p. 6
3/18/53	23:40:00					unknown						vf											moderate distance	VL 519, p. 6
3/19/53	6:45:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 519, p. 6
3/19/53	20:01:00					unknown						vf												VL 519, p. 6
3/23/53	19:30:00					hilea?			30	30.0	31.3	t; vf (ml; kona)	2.29							2.29	nomo		assume 30 km from ml, 40 from Kona	Kona mag 2.3-3. 5; VL 519, p. 6
3/23/53	21:19:00					ml wf			50	50.0	50.8	vf	2.95							2.95	nomo	III	w slope Mauna Loa; felt-s Kona; Kalahiki (Kona)-3, sharp jolt, dur several sec	numerals-in remarks column refer to HVO postcards]
3/25/53	10:50:00	19	30.4	155	33.4	ml ner			33	32.3	33.5	vf; s (ml)	3.40							3.40	nomo		near Mauna Loa summit probably on NE rift zone	ml mag 3.3-3.8; closer to ml?; VL 519, p. 6
3/25/53	18:19:00	19	12.0	155	39.0	hilea				48.4	49.2	m	4.98	<4.32	<4.37	3.69	3.98			4.41	aver	IV (Naaleh u)	strong at Naalehu, Kapapala; slight-most Hawaii island; Warshauer notes: strong at Naalehu, Kapapala; Kukuihaele-2; Hilo-2; Kalahiki-2; Capt. cook-2, v slight quiver, window rattle; preferred magnitude calculated as average of Honolulu and nomogram	Honolulu data average of two readings; closer? or slight; VL 519, p. 6; HTH, 3/26/1953; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/26/53	1:40:00	19	8.0	155	35.0	hilea				47.4	48.3	vf-felt (ml)	3.66	no trace	no trace	no trace	no trace			3.66	nomo	III (Naaleh u)	felt moderately-; slightly-Kona; 47.5 km from ml; Warshauer notes: A quake at 1:40 a.m. was intensity II-3.; Kalahiki (Kona)-3	VL 519, p. 6; HTH, 3/26/1953; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/27/53	22:30:00					kona			10	10.0	13.5	vf-felt (kona)	2.77							2.77	nomo	III	central Kona; assume 10 km from Kona; felt-Kona; Capt. Cook-2, short, rumbling shake, more house and ground noise than tremor, dogs barked, classified as jolt	VL 519, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/31/53	3:54:00					unknown						vf												VL 519, p. 6
4/2/53	2:59:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 520, p. 4
4/7/53	23:37:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 4
4/10/53	11:09:00					ml ner			24	24.0	25.6	f-felt; s (ml)	3.49							3.49	nomo	felt	NE slope Mauna Loa; felt-volcano	ml mag 3.1-3.6; VL 520, p. 4
4/13/53	14:22:00					kona																felt	Capt. Cook-1, very slight oscillating quivers lasting about 5 min [probably not a real quake?]	not in VL 520-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/13/53	18:00:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 4
4/14/53	2:20:00					kona			10	10.0	13.5	t; vf-felt (kona)	2.77							2.77	nomo	IV	central Kona; assume 10 km from Kona; felt-Kona; Capt. Cook-3, rather prolonged window rattling, though no actual shake felt, dogs barked, few persons awakened	VL 520, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/16/53	14:36:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 4
4/17/53	9:35:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 520, p. 4
4/22/53	15:28:00					unknown						vf												VL 520, p. 4
4/24/53	1:42:00	19	20.0	155	47.0	ml swr				56.1	56.8	f-felt	4.04	no trace	no trace	no trace	no trace			4.04	nomo	IV	felt-volcano, s Kona, Kohala; Kalahiki (Kona)-4; Capt. Cook-2, awakened, gentle window rattling, strong at beginning gradually becoming weaker, dur 10 sec or more; Hawi-2	VL 520, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/24/53	5:44:00					unknown						vf												VL 520, p. 4
4/29/53	8:50:00					kl swr?		2.0		7.0	7.3	m	3.65	no trace	no trace	no trace	no trace			3.65	nomo		SW rift	VL 520, p. 4
4/29/53	11:03:00					kilauea		3.0		8.0	8.5	m	3.77	no trace	no trace	no trace	no trace			3.77	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 520, p. 4
4/29/53	13:00:00					kl swr?		2.0		7.0	7.3	s	3.42	det?	no trace	no trace	no trace			3.42	nomo		SW rift (?)	VL 520, p. 4
5/3/53	23:50:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 4
5/6/53	17:59:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 4
5/7/53	14:43:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 4
5/8/53	1:18:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 4
5/8/53	16:19:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 4
5/8/53	17:53:00					kona			10	10.0	13.5	t; vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 4
5/11/53	5:43:00					kona?																II	Kalahiki-2	not in VL 520-date and time taken from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/11/53	8:48:00					kl uer?		2.0		7.0	7.3	s	3.16							3.16	nomo		e rift (?)	VL 520, p. 4
5/13/53	8:25:00					unknown						vf												VL 520, p. 4
5/13/53	12:10:00					unknown						vf												VL 520, p. 4
5/15/53	13:31:00					unknown						vf												VL 520, p. 4
5/16/53	10:31:00					unknown						vf												VL 520, p. 4
5/17/53	9:30:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 4
5/17/53	13:48:00					unknown						vf												VL 520, p. 4
5/18/53	3:05:00					unknown						vf												VL 520, p. 4
5/19/53	18:02:00					kona			15	15.0	17.5	t-vf-felt (kona)	2.95							2.95	nomo	IV	assume 15 km from Kona; felt-s Kona; Capt. Cook-3 (18:15 approx time), not felt, felt by a few in central Kona, v strong at Opihale	VL 520, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/20/53	13:05:00					unknown						vf												VL 520, p. 4
5/21/53	14:12:00					unknown						vf												VL 520, p. 4
5/22/53	23:22:00					kona			60	60.0	60.7	vf-felt; f (kona)	3.07							3.07	nomo	V	Kealakekua fault (?); assume 15 km from Kona; felt central Kona; Capt. Cook-3 to IV, came suddenly w very rapid vibrations, objects on shelves vibrated, a few fell to floor; strong jolt in Kealakekua	Kona mag 3.0-3. 5; VL 520, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/24/53	2:05:00					kl cal 0-5		2.0		3.0	3.6	s-felt	2.67							2.67	nomo	felt	Kilauea in VL; felt-volcano, hnp	VL 520, p. 4
5/24/53	2:12:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 520, p. 4
5/24/53	2:44:00	19	26.0	155	27.0	kaoiki				19.9	21.9	m	4.42	4.66	4.76	4.11	4.46			4.50	hono	V	felt-most Hawaii island n to Kukuihaele; Hilo-2; Capt. Cook-4, awakened, dogs barked, tremors built to climax then tapered; very strong jolt at Honokahau, quite severe at Kona hospital; Kukuihaele-2; Kalahiki (Kona)-3; Kealakekua-longer than May 25	VL 520, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/24/53	13:15:00					unknown						t; vf (uwe)	1.29							1.29	nomo			VL 520, p. 4
5/25/53	10:17:00					kona			15	15.0	17.5	t-vf-felt (kona)	2.95							2.95	nomo	II	assume 15 km from Kona; felt-s Kona; Kalahiki (Kona)-2	numerals-in remarks column refer to HVO postcards]
5/26/53	6:26:00					hilea?			40	40.0	41.0	f-felt	3.81							3.81	nomo	felt	felt-Naalehu	VL 520, p. 4
5/27/53	19:33:00					kaoiki?			20	20.0	21.9	t-felt	1.89							1.89	nomo	felt	felt-Kapapala	VL 520, p. 4
5/29/53	4:59:00	19	29.0	155	56.0	kona				71.1	71.7	s; st (kona)	4.52	<4.01	<4.04	3.42	4.00			4.12	aver	IV	felt-cen, s Kona,, volcano; preferred magnitude calculated as average of Honolulu and nomogram; Kealakekua-5, quite strong, started with bump, windows rattled	Honolulu data average of two readings; Kona mag >4.1; VL 520, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/29/53	5:08:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		central Kona; assume 10 km from Kona	VL 520, p. 4
5/29/53	7:47:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		central Kona; assume 10 km from Kona	VL 520, p. 4
5/29/53	10:21:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		central Kona; assume 10 km from Kona	VL 520, p. 4

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/30/53	5:16:00					unknown						vf												VL 520, p. 4
5/30/53	21:45:00					kona?																III	Capt. Cook-1, not felt, slight window jiggle	not in VL 520-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/31/53	4:13:00					unknown						vf												VL 520, p. 4
6/4/53	1:14:00					unknown						vf												VL 520, p. 4
6/4/53	17:01:00					unknown						vf												VL 520, p. 4
6/4/53	18:48:00	19	16.8	155	27.2	kaoiki			29	26.3	27.8	vf-felt	3.27							3.27	nomo	III	se slope Mauna Loa near Kapapala; felt fairly strongly-Kapapala	VL 520, p. 4
6/5/53	11:23:00					unknown						vf												VL 520, p. 5
6/6/53	4:48:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 520, p. 5
6/8/53	16:58:00					unknown						vf												VL 520, p. 5
6/9/53	0:44:00					unknown						vf												VL 520, p. 5
6/9/53	0:49:00					kilauea		3.0		8.0	8.5	s	3.27	no trace	no trace	no trace	no trace			3.27	nomo	IV	Kilauea (?) in VL; felt-Hilo; Hilo-3, awakened all in house	average distance and depth assumed from modern catalog locations of near-caldera events; VL 520, p. 5; HVO unpub
6/10/53	0:40:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 520, p. 5
6/11/53	21:27:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		central Kona; assume 15 km from Kona	VL 520, p. 5
6/15/53	3:24:00					kona			15	15.0	17.5	f (kona)	3.22							3.22	nomo		central Kona; assume 15 km from Kona	VL 520, p. 5
6/15/53	20:34:00	19	29.00	155	14.00	kl gln deep?		45.0		6.5	45.5	f-felt	3.89	no trace	no record	no trace	no record			3.89	nomo	felt	NE slope of Mauna Loa; felt in Hilo and volcano districts; Warshauer notes: felt in Hilo, direction from Waiakea toward Mauna Kea, gentle jostling of windows and doors as it progressed	depth of 45 km assumed consistent with location and felt reports; VL 520, p. 5; HTH, 6/16/1953
6/16/53	11:10:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		central Kona; assume 15 km from Kona	VL 520, p. 5
6/17/53	2:27:00					ml wf			20	20.0	21.9	vf (kona)	2.36							2.36	nomo		w slope Mauna Loa; assume 20 km from Kona	VL 520, p. 5
6/18/53	3:05:00					unknown						vf												VL 520, p. 5
6/20/53	20:55:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		assume 10 km from Kona	VL 520, p. 5
6/21/53	7:20:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		assume 10 km from Kona	VL 520, p. 5
6/23/53	17:50:00					kona		3	70.5	70.5	70.6	vf; s (kona)	3.18							3.18	nomo		central Kona; assume 5 km from Kona	Kona mag 2.8-3.3; VL 520, p. 5
6/23/53	17:53:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 5
6/26/53	17:53:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		assume 10 km from Kona	VL 520, p. 5
6/26/53	20:24:00					kona			60	60.0	60.7	vf; f (kona)	3.07							3.07	nomo		central Kona; assume 15 km from Kona; Hookena (date given as June 27-wrong?)-slight	ml mag 3.0-3. 5; VL 520, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/26/53	20:54:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		assume 15 km from Kona	ml mag 3.0-3. 5; VL 520, p. 5
6/27/53	10:47:00	19	31.0	155	23.0	ml ner				16.0	18.4	m	4.06	no trace	no trace	3.81	3.76			3.79	hono	felt	felt-volcano	VL 520, p. 5
6/27/53	23:12:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		assume 15 km from Kona	VL 520, p. 5
6/28/53	20:20:00					unknown						vf												VL 520, p. 5
6/30/53	0:45:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		central Kona; assume 15 km from Kona	VL 520, p. 5
6/30/53	6:37:00					kona			15	15.0	17.5	t; vf (kona)	2.21							2.21	nomo		central Kona; assume 15 km from Kona	VL 520, p. 5
7/1/53	15:14:00					ml ner			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo		NE rift; assume 15 km from ml	VL 521, p. 6
7/2/53	0:12:00					unknown						vf												VL 521, p. 6
7/2/53	5:34:00					ml ner			15	15.0	17.5	vf (ml)	1.88							1.88	nomo		NE rift; assume 15 km from ml	VL 521, p. 6
7/2/53	7:09:00					ml ner			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo		NE rift; assume 15 km from ml	VL 521, p. 6
7/2/53	11:58:00					kaoiki?			15	15.0	17.5	vf (ml)	1.88							1.88	nomo			VL 521, p. 6
7/6/53	2:51:00					ml wf			50	50.0	50.8	vf	2.95							2.95	nomo		w slope Mauna Loa	VL 521, p. 6
7/6/53	7:19:00					ml ner			30	30.0	31.3	vf	2.61							2.61	nomo		NE rift	VL 521, p. 6
7/6/53	15:07:00					kaoiki?			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo		assume 5 km from ml	VL 521, p. 6
7/6/53	20:26:00	19	24.00	155	17.50	kl cal 05-10		8.0	4.5	4.7	9.3	s-felt	3.33							3.33	nomo	felt	SW edge Kilauea crater; Warshauer notes: A quake at 8:25:48 p.m. last night was felt in both volcano and Hilo.	VL 521, p. 6; HTH, 7/7/1953
7/6/53	23:55:00					unknown						vf												VL 521, p. 6
7/7/53	15:59:00					kaoiki?			15	15.0	17.5	t; f (uwe)	1.03							1.03	nomo		assume 15 km from uwe	VL 521, p. 6
7/7/53	17:55:00					unknown						vf												VL 521, p. 6
7/9/53	9:21:00					kaoiki?			15	15.0	17.5	t; f (uwe)	1.03							1.03	nomo		assume 15 km from uwe	VL 521, p. 6
7/10/53	10:07:00					kaoiki?			5	5.0	10.3	t; vf (ml)	1.51							1.51	nomo		assume 5 km from ml	VL 521, p. 6
7/13/53	15:56:00					unknown						vf												VL 521, p. 6
7/14/53	12:37:00					kaoiki?			5	5.0	10.3	t; vf (ml)	1.51							1.51	nomo		assume 5 km from ml	VL 521, p. 6
7/15/53	4:59:00					kaoiki?			20	20.0	21.9	vf-felt	3.11							3.11	nomo	felt	felt-Kapapala	VL 521, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
7/19/53	13:24:00					kaoiki?			5	5.0	10.3	t; vf (ml)	1.51								1.51	nomo		assume 5 km from ml	VL 521, p. 6
7/20/53	18:07:00					kaoiki?			20	20.0	21.9	vf; f (ml)	2.36								2.36	nomo		e slope Mauna Loa	ml mag 2. 4-3.0; VL 521, p. 6
7/21/53	17:30:00					kaoiki?			5	5.0	10.3	t; vf (ml)	1.51								1.51	nomo		assume 5 km from ml	VL 521, p. 6
7/24/53	2:29:00					kaoiki?			15	15.0	17.5	t; vf (uwe)	1.73								1.73	nomo		assume 15 km from uwe	VL 521, p. 6
7/26/53	10:18:00					kona			15	15.0	17.5	vf-felt (kona)	2.95								2.95	nomo	III	central Kona; assume 15 km from Kona; felt-central Kona; Capt. Cook (time 10:30 approx)-2, jolt-type, little or no tremor but rather loud rumble during quake	VL 521, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/26/53	13:52:00					hualalai?			35	35.0	36.1	t; vf-felt (kona)	3.46								3.46	nomo	IV	assume 35 km north from Kona; felt-cent Kona, Hawi; Hawi-a single sharp jolt that rattled windows, no aftershocks or rumbling; Capt. Cook-1, very light jolt	VL 521, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/26/53	21:47:00					kona			15	15.0	17.5	t-felt; f (kona)	3.22								3.22	nomo	felt	assume 15 km from Kona; felt-cent Kona	VL 521, p. 6
7/26/53	22:44:00					unknown						vf													VL 521, p. 6
7/28/53	22:24:00					kona			15	15.0	17.5	t-felt; f (kona)	3.22								3.22	nomo	IV	assume 15 km from Kona; felt-cent Kona, Hawi; Capt. Cook-3, like heavy truck with acc rumble, rather strong jolt with longish tremor	VL 521, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/30/53	14:30:00					kaoiki?			5	5.0	10.3	t; vf (ml)	1.51								1.51	nomo		prob Kaoiki fault; assume 5 km from ml	VL 521, p. 6
7/31/53	13:07:00					unknown						vf													VL 521, p. 6
7/31/53	23:44:00					unknown						vf													VL 521, p. 6
8/1/53	6:48:00	19	20.00	155	21.00	kl swr		2.0		14.4	14.5	vf-felt; f (ml)	2.82								2.82	nomo	felt	felt-Pahala	ml mag 2.6-3.2; VL 521, p. 6
8/1/53	8:13:00					kaoiki?			5	5.0	10.3	t; vf (ml)	1.51								1.51	nomo		assume 5 km from ml	VL 521, p. 6
8/1/53	23:39:00					unknown						vf													VL 521, p. 6
8/2/53	2:31:00					unknown						vf													VL 521, p. 6
8/4/53	11:10:00					unknown						vf													VL 521, p. 6
8/4/53	17:20:00	19	20.0	155	23.00	kaoiki		2		16.9	17.0	vf-felt; f (ml)	2.93								2.93	nomo	IV	felt strongly-Kapapala; slight-volcano,	ml mag 2.6-3.2; VL 521, p. 6
8/5/53	2:46:00					ml ner			15	15.0	17.5	t; vf (ml)	1.88								1.88	nomo		NE rift; assume 15 km from ml	VL 521, p. 6
8/6/53	0:47:00	19	22.0	155	21.00	kaoiki?		2		11.8	12.0	vf-felt; s (ml)	2.69								2.69	nomo	felt	felt-Kapapala	ml mag 3.1-3.6; better fit if event closer to ml seismometer; Kaoiki?; VL 521, p. 6
8/6/53	14:39:00					unknown						vf													VL 521, p. 6
8/6/53	18:47:00					unknown						vf													VL 521, p. 6
8/6/53	21:08:00					kaoiki?			5	5.0	10.3	t; vf (ml)	1.51								1.51	nomo		assume 5 km from ml	VL 521, p. 6
8/7/53	2:17:00					unknown						vf													VL 521, p. 6
8/7/53	5:53:00					unknown						vf													VL 521, p. 6
8/8/53	0:37:00					kaoiki?			5	5.0	10.3	t; vf (ml)	1.51								1.51	nomo		assume 5 km from ml	VL 521, p. 6
8/8/53	3:00:00					kona			60	60.0	60.7	vf-felt	3.41								3.41	nomo	IV	felt strongly central Kona; Capt. Cook-3 to IV, awakened, strong sharp jolt, felt by few in Kealakekua	VL 521, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/11/53	7:12:00					unknown						vf													VL 521, p. 6
8/11/53	9:16:00					kilauea		3.0		8.0	8.5	vf	1.71								1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 521, p. 6
8/11/53	12:39:00					kilauea		3.0		8.0	8.5	vf	1.71								1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 521, p. 6
8/12/53	8:38:00					unknown						vf													VL 521, p. 6
8/13/53	5:55:00					kl gln deep?		45.0		9.0	45.9	vf; f (uwe)	3.45								3.45	nomo		[precursors to deep eqs on Sept. 23-26?]	uwe mag 3.2-3.8; VL 521, p. 6
8/14/53	18:20:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo		do	VL 521, p. 6
8/14/53	22:14:00					unknown						vf													VL 521, p. 6
8/15/53	10:33:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo		[precursors to deep eqs on Sept. 23-26?]	VL 521, p. 6
8/15/53	12:04:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo		do	VL 521, p. 6
8/15/53	16:27:00					kona			15	15.0	17.5	vf (kona)	2.21								2.21	nomo		Kona; assume 10 km from Kona	VL 521, p. 6
8/16/53	20:53:00					kona			15	15.0	17.5	vf (kona)	2.21								2.21	nomo		central Kona; assume 10 km from Kona	VL 521, p. 6
8/17/53	20:45:00					kona?																	II	Capt. Cook-1, few people sitting felt light quiver]	not in VL 521-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/18/53	17:47:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55								2.55	nomo		do; Kamuela-5	VL 521, p. 6; HVO unpub
8/20/53	12:56:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo		do	VL 521, p. 6
8/21/53	17:00:00					kona?																	II	Capt. Cook-felt as quiver at Kealakekua by several	not in VL 521-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/21/53	19:47:00	19	46.5	155	50.5	hualalai		20	73	72.2	74.9	s; st (ml; kona; hilo)	5.02	5.28	4.98	4.96	5.01			5.06	hono	V; V (S&C)	n slope Hualalai near Puu waa waa; felt-all Hawaii island, Maui, Honolulu; Warshauer notes: "moderate" to "strong" quake felt widely; Hilo variable, light fixture unhinged; Kona (strong-rattled items),, Kapapala, Volcano, Kohala, Hamakua and Hilo	deeper? from felt reports; mag Kona >5.0, mag Hilo >5. 4, mag ml >5.0; VL 521, p. 5-6; HTH, 8/22/1953; extensive felt reports in HVO, unpub
8/21/53	21:07:00					hualalai?			73	73.0	73.6	vf-felt	3.20							3.20	nomo	III	assume 15 km from Kona; felt-Kona; Capt. Cook-3, began w rumble, then shaking makai-mauka as though wave had passed through house; also felt Kealakekua	VL 521, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/22/53	2:00:00					hualalai?																III	Capt. Cook-3, dur 20 sec, gentle continuous tremors, felt at Kalahiki, mauka to makai movement	not in VL 521-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/23/53	0:53:00	19	37.3	155	55.4	hualalai				12.1	15.1	st (kona)	4.44	3.98	4.12	4.14	4.45			4.17	hono	IV	SW slope Hualalai 3 mi e of Holualoa; felt-Kona (strong), and Kapapala (moderate), volcano (slight); Warshauer notes: quakes felt in Volcano, Hilo, Kapapala, and Kona; stronger than event two days ago in volcano, less strong in Kona	Honolulu data average of two readings; if referenced to Kona station; VL 521, p. 5-6; HTH, 8/24/1953 [newspaper reports "strong" on HVO and ML stations-inconsistent with location given]; extensive felt reports in HVO, unpub
8/24/53	23:05:00					kona			15	15.0	17.5	vf-felt (kona)	2.95							2.95	nomo	felt	central Kona; assume 15 km from Kona; felt-central Kona	VL 521, p. 6
8/25/53	14:54:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		do	VL 521, p. 6
8/27/53	9:44:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		do	VL 521, p. 6
8/27/53	10:49:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		do	VL 521, p. 6
8/29/53	6:16:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		do	VL 521, p. 6
8/30/53	0:45:00					kona?																III	Capt. Cook-3, 3 strong jiggles in rapid succession, heard as house creaking and window rattles more than being felt, dur several sec	not in VL 521-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/30/53	20:00:00					kona?																II	Capt. Cook-2, small jar, slight window/wall rattle	not in VL 521-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/1/53	4:07:00					unknown						vf												VL 521, p. 6
9/1/53	15:31:00					kl gln deep?		45.0		9.0	45.9	vf; f (ml)	3.45							3.45	nomo		precursors to deep eqs on Sept. 23-26?	ml mag 3.3-3.9; VL 521, p. 6
9/1/53	15:36:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		do	VL 521, p. 6
9/2/53	6:24:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		do	VL 521, p. 6
9/3/53	4:42:00					kilauea		3.0		8.0	8.5	vf-felt	2.45							2.45	nomo	felt	Kilauea in VL; felt-hnp	average distance and depth assumed from modern catalog locations of near-caldera events; VL 521, p. 6
9/4/53	5:58:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		assume 15 km from Kona	VL 521, p. 6
9/4/53	15:40:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55							2.55	nomo		precursors to deep eqs on Sept. 23-26?	VL 521, p. 6
9/10/53	7:00:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		do	VL 521, p. 6
9/10/53	20:02:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55							2.55	nomo		do	VL 521, p. 6
9/12/53	1:58:00					unknown						vf												VL 521, p. 6
9/12/53	6:57:00					unknown						vf												VL 521, p. 6
9/13/53	7:16:00					unknown						vf												VL 521, p. 6
9/13/53	16:35:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		precursors to deep eqs on Sept. 23-26?	VL 521, p. 6
9/14/53	14:03:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		do	VL 521, p. 6
9/15/53	2:37:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		Kona; assume 15 km from Kona	VL 521, p. 6
9/15/53	10:57:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		do	VL 521, p. 6
9/15/53																							Seismologist Jerry Eaton joins HVO staff	VL 521, p. 8
9/16/53	4:22:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		do	VL 521, p. 6
9/17/53	19:34:00					unknown						vf												VL 521, p. 6
9/23/53	7:50:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		deep Glenwood earthquake swarm; earliest one documented by J.P. Eaton; events in the preceding month possibly belong in the same region; Swarms 1n 1951-1952 recorded on ml seismometer only have a different signature (Eaton, pers. comm., 1998)	VL 521, p. 6
9/23/53	14:50:00					kona			70.5	70.5	71.1	vf-felt; s (kona)	3.35							3.35	nomo	IV	central Kona; assume 15 km from Kona; felt-central Kona; Capt. Cook-4, strong jolt followed by tremor as if heavy object struck building, dogs barked; hardly felt in Kealakekua	Kona mag 3.2-3.6; VL 521, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/24/53	2:09:00					kl gln deep		45.0		9.0	45.9	vf (ml)	2.55							2.55	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/25/53	9:40:00					kl gln deep		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/25/53	11:46:00					kl gln deep		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/25/53	12:00:00					kl gln deep		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		deep Glenwood earthquake swarm	VL 521, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S / M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/25/53	12:19:00					kl gln deep		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/25/53	13:10:00					kl gln deep		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/25/53	16:33:00					kl gln deep		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/25/53	17:13:00					kl gln deep		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/26/53	11:04:00					kl gln deep		45.0		9.0	45.9	vf (ml)	2.27							2.27	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/26/53	12:16:00					kl gln deep		45.0		9.0	45.9	vf (ml)	2.27							2.27	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/26/53	12:57:00					kl gln deep		45.0		9.0	45.9	vf (ml)	2.27							2.27	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/26/53	13:02:00					kl gln deep		45.0		9.0	45.9	vf (ml)	2.27							2.27	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/26/53	13:43:00					kl gln deep		45.0		9.0	45.9	t; vf (ml)	2.55							2.55	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/26/53	17:25:00					kl gln deep		45.0		9.0	45.9	vf (ml)	2.27							2.27	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/26/53	20:11:00					kl gln deep		45.0		9.0	45.9	vf (ml)	2.27							2.27	nomo		deep Glenwood earthquake swarm	VL 521, p. 6
9/27/53	6:08:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		prob Kaoiki fault	VL 521, p. 6
9/27/53	13:20:00					kona			15	15.0	17.5	f-felt (kona)	3.22							3.22	nomo	II	assume 15 km from Kona; felt-central Kona; Capt. Cook-2, slight jar, not felt at Papaloa (5100 ft alt above Kealakekua), dogs looked around without barking	VL 521, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/1/53	9:23:00					kaoiki			5	5.0	10.3	t; s (ml)	3.08							3.08	nomo		Kaoiki fault; assume 5 km from ml	VL 522, p. 3
10/1/53	22:02:00					unknown						vf												VL 522, p. 3
10/2/53	20:18:00	19	16.80	155	25.40	kl swr			25.0	24.0	25.6	t; vf (ml)	2.15							2.15	nomo		location in VL 522 is Kilauea swr 2 mi e of Kapapala ranch; doesn't fit relative intensities at Whitney and ml	VL 522, p. 3
10/2/53	20:36:00					kaoiki			10	10.0	13.5	t; vf (ml)	1.70							1.70	nomo		Kaoiki fault; assume 10 km from ml	VL 522, p. 3
10/2/53	22:06:00					kona			15	15.0	17.5	vf-felt (kona)	2.95							2.95	nomo	felt	central Kona; assume 15 km from Kona; felt-Capt. cook	numerals-in remarks column refer to HVO postcards]
10/4/53	22:27:00					kl gln deep?		45.0	9.0	9.0	45.9	t; vf (ml)	2.55							2.55	nomo			VL 522, p. 3
10/5/53	1:20:00					unknown						t-felt; vf (ml)										felt		VL 522, p. 3
10/5/53	11:21:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 522, p. 3
10/8/53	9:22:00	19	41.7	155	44.2	ml wf?			57	58.1	58.8	f-felt; m (ml)	4.06	<4.12	<4.02	<3.83	4.31			4.31	hono	VI	Hualalai 9 mi e of Hainoa crater; felt-Kona; Capt. Cook-4, objects rattled, dur 15 sec, dogs barked, small shock then big one, Kealakekua-2 strong shocks, dishes rattled; Papaloa-v strong, trees swayed, Capt. Cook mauka coffee land-large trees shook	Honolulu data average of two readings; ml mag 4.3-4.9; closer to ml or slight at ml?; VL 522, p. 3; additional felt reports in HVO, unpub
10/9/53	6:15:00					hilea?			40	40.0	41.0	vf?	3.14							3.14	nomo	II	felt-Pahala; Kukuihaele-2	see narrative VL 522 p. 3; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/9/53	6:16:00					kohala			90	90.0	90.4	vf-felt	3.35							3.35	nomo	felt	Kohala; felt-Kukuihaele	VL 522, p. 3
10/9/53	16:26:00					kaoiki?			15	15.0	17.5	vf (ml)	1.88							1.88	nomo		assume 15 km from ml	VL 522, p. 3
10/9/53	16:28:00					kaoiki?			15	15.0	17.5	vf (ml)	1.88							1.88	nomo		assume 15 km from ml	VL 522, p. 3
10/9/53	19:03:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		central Kona; assume 10 km from Kona	VL 522, p. 3
10/9/53	21:11:00					kaoiki?			5	5.0	10.3	t; vf (ml)	1.51							1.51	nomo		assume 5 km from ml	VL 522, p. 3
10/9/53	21:53:00					hilea?			34	34.0	35.2	t-vf-felt (ml)	3.11							3.11	nomo	felt	Mauna Loa in VL; felt-Pahala; Pahala-felt	numerals-in remarks column refer to HVO postcards]
10/10/53	2:04:00					kaoiki?			5	5.0	10.3	t; vf (ml)	1.51							1.51	nomo		assume 5 km from ml	VL 522, p. 3
10/10/53	2:51:00	19	22.10	155	12.00	kl uer		2.0	9.0	9.5	9.7	vf	1.80							1.80	nomo		e rift Alae crater	VL 522, p. 3
10/14/53	17:23:00					kaoiki			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo		Kaoiki fault	VL 522, p. 3
10/14/53	18:28:00	19	41.7	155	47.8	hualalai			62	63.7	64.3	t; vf (ml)	2.79							2.79	nomo		Hualalai 5 mi e of Hainoa crater	VL 522, p. 3
10/15/53	7:11:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 522, p. 3
10/15/53	17:10:00					kona			60	60.0	60.7	vf-felt; f (kona)	3.07							3.07	nomo	II	assume 15 km from Kona; felt-Capt. cook; Capt. Cook-not felt driving car, felt by person in bed, rumble and slight tremor	Kona mag 3-3. 5; VL 522, p. 3; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/16/53	0:33:00	19	23.0	155	30.4	kaoiki			20	26.4	27.9	vf	2.53							2.53	nomo		s flank Mauna Loa near Anipeahi	VL 522, p. 4
10/17/53	18:09:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		s flank Mauna Loa	VL 522, p. 4
10/18/53	0:57:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 522, p. 4
10/18/53	15:16:00					kl uer		2.0	7.0	7.0	7.3	vf	1.60							1.60	nomo		e rift	VL 522, p. 4
10/19/53	2:33:00					kona			58	58.0	58.7	vf (ml)	2.72							2.72	nomo	IV	central Kona; assume 58 km from ml; Capt. Cook-3, jolt followed by diminishing tremor, dogs barked before, windows and doors creaked and rattled	VL 522, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/20/53	6:15:00					kaoiki			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo		Kaoiki fault	VL 522, p. 4
10/22/53	14:00:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		assume 15 km from Kona	VL 522, p. 4
10/22/53	14:02:00					mauna kea			46	46.0	46.9	vf-felt; f (ml)	3.47							3.47	nomo	felt	e flank Mauna Kea; felt-Pepeekeo ; Pepeekeo-felt	mag ml 3.2-3.8; VL 522, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/23/53	14:49:00					kl gln deep?		45.0	9.0	9.0	45.9	vf (ml)	2.55							2.55	nomo			VL 522, p. 4
10/25/53	0:53:00					kl gln deep?		45.0	9.0	9.0	45.9	vf (ml)	2.55							2.55	nomo			VL 522, p. 4
10/25/53	1:23:00					unknown						vf												VL 522, p. 4
10/25/53	4:17:00	19	22.00	155	10.50	kl mer		2.0	11.5	11.5	11.7	vf	1.93							1.93	nomo		e rift Makaopuhi crater	VL 522, p. 4
10/25/53	10:42:00	19	22.60	155	8.80	kl mer		2.0	13.5	13.5	13.6	t; vf (uwe)	1.58							1.58	nomo		e rift Napau crater	VL 522, p. 4
10/26/53	14:13:00	19	22.60	155	8.80	kl mer		2.0	13.5	13.5	13.6	vf	2.03							2.03	nomo		e rift Napau crater	VL 522, p. 4
10/26/53	17:46:00	19	21.60	155	12.00	kl kuer sf				10.2	13.6	s	3.59							3.59	nomo		e rift s of Alae crater	VL 522, p. 4
10/26/53	17:50:00	19	21.60	155	12.00	kl kuer sf				10.2	13.6	s	3.59							3.59	nomo		e rift s of Alae crater	VL 522, p. 4
10/26/53	17:51:00					kl uer		2.0		9.0	9.2	s	3.32							3.32	nomo		e rift	VL 522, p. 4
10/26/53	17:53:00					unknown						vf												VL 522, p. 4
10/27/53	0:22:00					unknown						f												VL 522, p. 4
10/27/53	1:07:00	19	20.80	155	14.00	kl kuer sf?		5.0	10.0	9.8	11.0	st (m?)	4.22	<4.17	<4.25	<4.03	3.80			3.80	hono	felt	s of Aloi crater near Ainahou; felt-volcano; volcano slight; Warshauer notes: no mention of earthquake being felt; volcano-slight	felt report and lack of Honolulu signature suggests shallow uer closer to summit than location given, or moderate; checked paper records w. bob k 8/96-all four quakes look the same; VL 522, p. 4; HTH, 10/27; 28/1953; HA, 10/28; 29/1953; HVO unpub
10/27/53	1:10:00					unknown						vf												VL 522, p. 4
10/27/53	1:38:00					unknown						s												VL 522, p. 4
10/27/53	2:30:00					kl kuer sf?																II?	volcano-slight	not in VL; date and time from felt report (HVO unpub)
10/27/53	3:37:00	19	21.50	155	10.50	kl mer sf?		5.0	11.5	12.1	13.1	st (m?)	4.34	<4.22	<4.22	<4.08	3.80			3.80	hono	III	e rift s of Makaopuhi crater; felt-volcano; Hilo-felt slightly; Warshauer notes: no mention of earthquake being felt; hilo-felt slightly	felt report and lack of Honolulu signature suggests shallow uer closer to summit than location given, or moderate; checked paper records w. bob k 8/96-all four quakes look the same; VL 522, p. 4; HTH, 10/27; 28/1953; HA, 10/28; 29/1953; HVO unpub
10/27/53	4:30:00	19	22.10	155	12.00	kl kuer sf?		10.0	9.0	9.5	13.8	st	4.37	4.38	4.44	4.65	4.55			4.51	hono	III	e rift near Alae crater; felt-volcano; volcano-slight; Warshauer notes: no mention of earthquake being felt; volcano-slight	checked paper records w. bob k 8/96-all four quakes look the same; VL 522, p. 4; HTH, 10/27; 28/1953; HA, 10/28; 29/1953; HVO unpub
10/27/53	6:20:00	19	22.10	155	8.80	kl kuer sf?		5.0	13.5	8.0	9.4	st (m?)	4.11	<4.22	<4.22	<4.15	<3.90			4.11	nomo		e rift s of Napau crater; Warshauer notes: no mention of earthquake being felt	lack of Honolulu signature suggests shallow uer closer to summit than location given, or moderate; checked paper records w. bob k 8/96-all four quakes look the same; VL 522, p. 4; HTH, 10/27; 28/1953; HA, 10/28; 29/1953
10/27/53	8:02:00	19	16.6	155	44.1	ml swr			35	52.8	53.6	vf-felt	3.32							3.32	nomo	III	SW rift near Alika cone; felt-Naalehu; Naalehu-strong	numerals-in remarks column refer to HVO postcards]
10/27/53	23:56:00					unknown						t; vf (uwe)												VL 522, p. 4
10/28/53	6:44:00	19	20.0	155	23.5	kaoiki?			14.5	17.5	19.7	t; vf (uwe)	1.83							1.83	nomo	felt	Kaoiki fault near halfway house; felt-Kapapala	VL 522, p. 4
10/28/53	7:21:00	19	20.0	155	23.5	kaoiki?			17	17.5	19.7	vf-felt	3.03							3.03	nomo	felt	Kaoiki fault near halfway house; felt-Kapapala	VL 522, p. 4
10/28/53	15:50:00					kl swr sf		10.0	21.0	21.0	23.3	vf-felt	3.15							3.15	nomo	IV	Hilina pali, felt-Kapapala; Kapapala-fairly strong	VL 522, p. 4; HVO unpub
10/28/53	17:03:00	19	18.50	155	24.00	kl swr		2.0	18.5	20.0	20.1	vf-felt	3.05							3.05	nomo	IV	SW rift near Ponohohoa chasms, felt-Kapapala; Kapapala-fairly strong	VL 522, p. 4; HVO unpub
10/28/53	21:15:00					kaoiki?			20	20.0	21.9	vf-felt	3.11							3.11	nomo	III	s flank Mauna Loa; felt-Kapapala; Kapapala-strong, swaying motion	numerals-in remarks column refer to HVO postcards]
10/28/53	22:58:00	19	22.30	155	12.80	kl uer		2.0	8.0	8.3	8.5	vf-felt	2.45							2.45	nomo	felt	e rift near Aloi crater, felt-volcano; volcano-felt	VL 522, p. 4; HVO unpub
10/29/53	4:47:00					kl koae?		10.0	14.5	14.5	17.6	vf	2.21							2.21	nomo		SW flank Kilauea	VL 522, p. 4
10/29/53	5:40:00					unknown						vf												VL 522, p. 4
10/30/53	8:16:00					kl cal 0-5		2.0	3.0	3.0	3.6	t; vf (uwe)	0.65							0.65	nomo		Kilauea crater	VL 522, p. 4
10/31/53	6:08:00					hualalai			29	29.0	30.4	t-felt; f (kona)	3.61							3.61	nomo	IV	n flank Hualalai; assume 29 km from Kona; felt-n Kona, n Kohala; Puu Lehua (n Kona)-2, preceded by rumble, pheasants cackled in fields; Hawi-2, rattled windows	VL 522, p. 4; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/31/53	12:26:00					kl koae?		10.0	14.5	14.5	17.6	vf	2.21							2.21	nomo		SW flank Kilauea	VL 522, p. 4
10/31/53	13:22:00					kl koae?		10.0	14.5	14.5	17.6	vf	2.21							2.21	nomo		SW flank Kilauea	VL 522, p. 4
11/1/53	3:22:00					unknown						vf (uwe)												VL 522, p. 4
11/1/53	14:42:00	19	21.60	155	20.90	kl koae?		10.0	14.5	12.1	15.7	vf	2.13							2.13	nomo		SW flank Kilauea near Mauna Iki	VL 522, p. 4
11/3/53	10:14:00					kl swr		2.0	7.0	7.0	7.3	t; vf (uwe)	1.14							1.14	nomo		SW rift	VL 522, p. 4
11/4/53	20:35:00					kona?																II	Kealakekua-2; not felt in S Kona	not in VL 522-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/5/53	0:16:00					kl gln deep?			9.0	9.0	45.9	t; vf (ml)	2.55							2.55	nomo			VL 522, p. 4

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
11/5/53	7:55:00					kl gln deep?			9.0	9.0	45.9	t; vf (ml)	2.55							2.55	nomo			VL 522, p. 4
11/5/53	23:47:00					ml swr			50	50.0	50.8	vf	2.95							2.95	nomo		SW rift Mauna Loa	VL 522, p. 4
11/6/53	2:30:00	19	26.8	155	23.50	kaoiki?		12	13.5	13.9	18.4	f; s (ml)	3.58	3.55	no trace	3.68	no trace			3.61	hono		Mauna Loa 3 mi s of ml seismograph	ml mag 3.9-4. 4; VL 522, p. 4
11/6/53	11:24:00					kaoiki?		12	13.5	13.9	18.4	t; vf (ml)	1.92							1.92	nomo			VL 522, p. 4
11/8/53	18:14:00					unknown						t; vf (uwe)												VL 522, p. 4
11/8/53	20:37:00					kl kuer sf		10.0	18.0	18.0	20.6	vf	2.32							2.32	nomo		coast s of Kilauea	VL 522, p. 4
11/10/53	13:48:00					kaoiki?		12	13.5	13.9	18.4	t; vf (ml)	1.92							1.92	nomo			VL 522, p. 4
11/12/53	9:37:00					kaoiki?		12	13.5	13.9	18.4	t; vf (ml)	1.92							1.92	nomo			VL 522, p. 4
11/14/53	4:55:00					kl kuer sf		10.0	18.0	18.0	20.6	vf	2.32							2.32	nomo		coast s of Kilauea	VL 522, p. 4
11/14/53	5:12:00					kl kuer sf		10.0	18.0	18.0	20.6	vf	2.32							2.32	nomo		coast s of Kilauea	VL 522, p. 4
11/16/53	9:45:00					kohala?																III	Kamuela-5	not in VL 522-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/19/53	3:20:00					kaoiki?		12	13.5	13.9	18.4	vf (ml)	1.92							1.92	nomo			VL 522, p. 4
11/19/53	5:36:00					kaoiki?		12	13.5	13.9	18.4	t; vf (ml)	1.92							1.92	nomo			VL 522, p. 4
11/20/53	5:10:00					kaoiki?		12	13.5	13.9	18.4	t; vf (ml)	1.92							1.92	nomo			VL 522, p. 4
11/21/53	11:26:00	19	32.0	155	28.0	ml ner			24.5	24.5	26.1	vf; f (ml)	2.48							2.48	nomo		NE rift Puu Ulaula	VL 522, p. 4
11/21/53	15:23:00					kilauea		3.0		8.0	8.5	vf; f (uwe)	2.28							2.28	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; uwe mag 1.4-2.0; VL 522, p. 4
11/21/53	16:11:00					kaoiki?			20	20.0	21.9	vf	2.36							2.36	nomo		Mauna Loa in VL	VL 522, p. 4
11/22/53	21:32:00					kl cal 0-5		2.0	3.0	3.0	3.6	m	3.17							3.17	nomo	felt	Kilauea crater; felt-hnp, volcano	VL 522, p. 4
11/23/53	17:26:00					kl cal 0-5		2.0	5.0	5.0	5.4	vf	1.39							1.39	nomo		near Kilauea crater	VL 522, p. 4
11/25/53	7:07:00					unknown						vf (uwe)												VL 522, p. 4
11/25/53	12:42:00					unknown						t; vf (uwe)												VL 522, p. 4
11/26/53	2:09:00					unknown						vf (ml)												VL 522, p. 4
11/26/53	3:09:00					unknown						vf												VL 522, p. 4
11/26/53	5:52:00	19	32.0	155	28.0	ml ner			25	24.5	26.1	vf; f (ml)	2.48							2.48	nomo		NE rift Puu Ulaula	VL 522, p. 4
11/26/53	13:54:00					kl cal 0-5		2.0	5.0	5.0	5.4	vf	1.39							1.39	nomo		near Kilauea crater	VL 522, p. 4
11/26/53	13:55:00					kl cal 0-5		2.0	5.0	5.0	5.4	vf	1.39							1.39	nomo		near Kilauea crater	VL 522, p. 4
11/26/53	16:58:00					kl cal 0-5		2.0	5.0	5.0	5.4	vf	1.39							1.39	nomo		near Kilauea crater	VL 522, p. 4
11/27/53	19:25:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 522, p. 4
11/28/53	8:11:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 522, p. 4
11/28/53	15:38:00					kl cal 05-10		8.0		5.0	9.4	m	3.83	no trace	no trace	no trace	4.03			4.03	hono	felt	near Kilauea crater; felt-hnp	depth assumed consistent with Honolulu magnitude and felt report; VL 522, p. 4
11/28/53	20:46:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.27							2.27	nomo			VL 522, p. 4
11/29/53	3:05:00					kl cal 0-5		2.0		5.0	5.4	vf	1.39							1.39	nomo		near Kilauea crater	VL 522, p. 4
11/29/53	3:49:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		Kona; assume 10 km from Kona	VL 522, p. 4
11/29/53	7:36:00					kl cal 0-5		2.0		5.0	5.4	t; vf (uwe)	0.91							0.91	nomo		near Kilauea crater	VL 522, p. 4
11/29/53	19:44:00					kl cal 05-10?		8.0		6.0	10.0	m	3.87	no trace	no trace	no trace	3.85			3.85	hono	felt	near Kilauea crater; felt-hnp; Warshauer notes: an earthquake at 7:43:43 p.m. No felt report	depth assumed consistent with Honolulu magnitude and felt report; VL 522, p. 4; HTH, 11/30/1953
11/29/53	20:43:00	19	22.60	155	8.80	kl mer sf?	2.0	10.0		13.5	16.8	st	4.51	<4.52	<4.42	4.30	4.49			4.40	hono	IV	e rift near Napau crater; felt-hnp to Hilo; Warshauer notes: shook Hilo home sharply, intensity 3; hit Hilo with a joggly sharpness, se-NW; heavy shock then lighter; sustained motion that rattled windows and doors vigorously; depth 10 mi (change VL?)	Honolulu amplitude average of two readings; VL 522, p. 4; additional felt reports in HVO unpub; HTH, 11/30/1953]
11/29/53	21:18:00					unknown						vf												VL 522, p. 4
11/29/53	23:18:00					kl cal 0-5?	2.0	2.0		5.0	5.4	t; vf (uwe)	0.91							0.91	nomo			VL 522, p. 4
11/30/53	13:02:00					kl cal 0-5?		2.0		3.0	3.6	t; vf (uwe)	0.63							0.63	nomo			VL 522, p. 4
11/30/53	13:04:00					kl cal 0-5		2.0		5.0	5.4	s-felt	3.21							3.21	nomo	felt	near Kilauea crater; felt-hnp	VL 522, p. 4
11/30/53	13:30:00					unknown						t; vf (uwe)												VL 522, p. 4
12/1/53	1:56:00					kl gln deep?		45.0		9.0	45.9	s-felt (ml)	3.89							3.89	nomo	III	NE rift Mauna Loa, felt-Hilo; Hilo-2, one feeble jar w slight window rattling	prob deep earthquake swarm near ml seismograph; VL 522, p. 4 lists this as vf at ml; Macdonald and Eaton, 1955, p. 159 indicate that it was slight at ml; minimum amplitude for slight assumed; HVO unpub
12/1/53	1:56:00					ml ner			30	30.0	31.3	t; vf-felt (ml)	3.03							3.03	nomo	III	NE rift; felt-Hilo; Hilo-2, one feeble jar w slight window rattling	numerals-in remarks column refer to HVO postcards]
12/1/53	2:01:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55							2.55	nomo			do; VL 522, p. 4
12/1/53	3:20:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55							2.55	nomo	felt	Hilo-felt	do; VL 522, p. 4; HVO unpub

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
12/1/53	3:21:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	4:17:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	4:20:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	4:24:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	8:46:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	9:09:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	10:54:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	12:34:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	12:43:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	12:45:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	13:13:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	13:20:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/1/53	14:12:00					kl gln deep?		45.0		9.0	45.9	t; vf (uwe)	2.43								2.43	nomo			VL 522, p. 4
12/1/53	16:27:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo			prob deep earthquake swarm near ml seismograph; VL 522, p. 4
12/1/53	21:23:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55								2.55	nomo			do; VL 522, p. 4
12/2/53	23:19:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55								2.55	nomo			do; VL 522, p. 5
12/3/53	1:54:00					kl gln deep?		45.0		9.0	45.9	vf (ml)	2.55								2.55	nomo			do; VL 522, p. 5
12/3/53	1:59:00					kl gln deep?		45.0		9.0	45.9	t; vf (ml)	2.55								2.55	nomo			do; VL 522, p. 5
12/3/53	23:59:00					ml ner?		5		12.0	13.0	t (ml)	0.64								2.20	calc		preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm on Mauna Loa northeast rift; 49 events t (ml) not separately tabulated; Macdonald and Eaton, 1955, p. 159
12/6/53	21:02:00	19	22.0	155	22.5	kaoiki			15	14.0	16.6	f	3.19								3.19	nomo		s flank Mauna Loa near halfway house	VL 522, p. 5
12/8/53	3:29:00					kl cal 0-5		2.0		5.0	5.4	vf (uwe)	0.21								0.21	nomo		near Kilauea crater	VL 522, p. 5
12/8/53	14:00:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11								1.11	nomo		Kilauea crater	VL 522, p. 5
12/8/53	23:59:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11								1.11	nomo		Kilauea crater	VL 522, p. 5
12/9/53	1:13:00					kl cal 0-5		2.0		3.0	3.6	s-felt	2.67								2.67	nomo	felt	Kilauea crater; felt-hnp	VL 522, p. 5
12/9/53	1:18:00					kl cal 0-5		2.0		3.0	3.6	s	2.67								2.67	nomo		Kilauea crater	VL 522, p. 5
12/9/53	1:56:00					kl cal 0-5		2.0		3.0	3.6	s	2.67								2.67	nomo		Kilauea crater	VL 522, p. 5
12/9/53	10:03:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11								1.11	nomo		Kilauea crater	VL 522, p. 5
12/9/53	10:43:00					kl cal 0-5		2.0		3.0	3.6	vf	1.11								1.11	nomo		Kilauea crater	VL 522, p. 5
12/11/53	12:27:00					kona			10	10.0	13.5	vf (kona)	2.02								2.02	nomo		assume 10 km from Kona	VL 522, p. 5
12/11/53	19:40:00					kohala?					83.0	vf?-felt	3.29								3.30	nomo	III	Kamuela-5	not in VL 522-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/12/53	2:53:00					kohala?					83.0	vf?-felt	3.29								3.30	nomo	III	Kamuela-5	not in VL 522-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/12/53	8:56:00	19	18.50	155	24.00	kl swr		2.0	18.5	20.0	20.1	vf	2.30								2.30	nomo		SW rift near Ponohohoa chasms	VL 522, p. 5
12/12/53	15:15:00					kl kuer sf		10.0	18.0	18.0	20.6	t; vf (uwe)	1.14								1.14	nomo		near south coast Kilauea	VL 522, p. 5
12/13/53	2:53:00					unknown						vf													VL 522, p. 5
12/14/53	4:08:00					west hawaii						vf												Kalihiki (Kona)-2, very slight shake	VL 522, p. 5; HVO unpub
12/14/53	8:15:00					unknown						vf													VL 522, p. 5
12/14/53	12:39:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.11	nomo		Kilauea crater	VL 522, p. 5
12/14/53	14:54:00					unknown						vf													VL 522, p. 5
12/15/53	21:08:00					kona			10	10.0	13.5	vf (kona)	2.02								2.02	nomo		assume 10 km from Kona	VL 522, p. 5
12/16/53	13:00:00					kona			15	15.0	17.5	vf-felt (kona)	2.95								2.95	nomo	III	Kona; assume 15 km from Kona; felt-Capt. cook; Capt. Cook-2, slight jar, windows rattle	numerals-in remarks column refer to HVO postcards]
12/16/53	17:01:00					unknown						vf													VL 522, p. 5
12/17/53	19:11:00					kohala			90	90.0	90.4	vf	3.35								3.35	nomo	IV	Kohala; Kamuela-5, strong, loud explosive sound, shook house decidedly, duration 1/2 sec; Hawi-4, rattled windows	VL 522, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/20/53	4:11:00	19	21.20	154	58.50	kl mer sf		10.0	30.0	31.4	32.9	vf; f (uwe)	3.22								3.22	nomo		se flank near Kalapana	uwe mag 3.0-3.6; VL 522, p. 5
12/21/53	6:27:00					east hawaii?																	II	Hilo-2	not in VL; date and time from felt report (HVO unpub)
12/21/53	12:24:00					kl uer?		2.0	7.0	7.0	7.3	t; vf (ml)	1.27								1.27	nomo		e rift	VL 522, p. 5
12/21/53	12:40:00					kl cal 0-5		2.0	3.0	3.0	3.6	t; vf (uwe)	0.65								0.65	nomo		Kilauea crater	VL 522, p. 5
12/28/53	22:24:00					kl cal 0-5		2.0	3.5	3.5	4.0	vf (uwe)	0.73								0.73	nomo		Kilauea crater	VL 522, p. 5
12/29/53	6:01:00					kl cal 0-5		2.0	3.5	3.5	4.0	t; vf (uwe)	0.73								0.73	nomo		Kilauea crater	VL 522, p. 5
12/30/53	8:05:00					unknown						t; vf (uwe)													VL 522, p. 5
12/31/53	16:53:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.11	nomo		Kilauea crater	VL 522, p. 5
12/31/53	19:54:00					unknown						vf													VL 522, p. 5
12/31/53	20:50:00					kona			15	15.0	17.5	vf (kona)	2.21								2.21	nomo		Kona; assume 15 km from Kona	VL 522, p. 5
12/31/53	22:55:00					unknown						vf													VL 522, p. 5
1/3/54	3:06:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.11	nomo		Kilauea crater	VL 523, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/6/54	9:11:00					unknown						vf												VL 523, p. 6
1/9/54	3:17:00	19	22.0	155	25.2	kaoiki			15	18.2	20.3	vf; f (ml)	2.31							2.31	nomo		se flank Mauna Loa 3 mi w of halfway house	VL 523, p. 6
1/9/54	13:57:00	19	19.3	155	26.2	kaoiki			25.5	22.2	23.9	vf	2.42							2.42	nomo		se flank Mauna Loa 5 mi se (sic-SW?) of halfway house	VL 523, p. 6
1/10/54	0:19:00					unknown						vf												VL 523, p. 6
1/12/54	8:01:00					kaoiki			20	20.0	21.9	vf; f (ml)	2.70							2.70	nomo		se flank Mauna Loa	mag ml 2. 4-3.0; VL 523, p. 6
1/13/54	4:30:00	19	22.0	155	22.5	kaoiki			16	14.0	16.6	t; vf (ml)	1.85							1.85	nomo		se flank Mauna Loa near halfway house	VL 523, p. 6
1/13/54	22:48:00					unknown						vf												VL 523, p. 6
1/14/54	3:04:00					unknown						vf												VL 523, p. 6
1/14/54	17:28:00					kaoiki?			15	15.0	17.5	vf (ml)	1.88							1.88	nomo		not recorded at Whitney	VL 523, p. 6
1/15/54	13:17:00					kl cal 0-5		2.0		3.5	4.0	t; vf (uwe)	0.73							0.73	nomo		Kilauea crater	VL 523, p. 6
1/16/54	12:49:00					kona			15	15.0	17.5	vf (kona)	2.21							2.21	nomo		Kona; assume 15 km from Kona	VL 523, p. 6
1/17/54	2:27:00					kona			60	60.0	60.7	t-felt; vf (uwe)	3.36							3.36	nomo	felt	Kona; assume 60 km from uwe; felt-Kalahiki Kona	VL 523, p. 6
1/17/54	5:29:00					unknown						vf												VL 523, p. 6
1/17/54	15:39:00					kl cal 0-5?		3.0		8.0	8.5	t	0.69							0.69	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 523, p. 6
1/17/54	17:17:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		Kona; assume 10 km from Kona	VL 523, p. 6
1/19/54	12:11:00					kaoiki			20	20.0	21.9	t; vf (ml)	2.04							2.04	nomo		se flank Mauna Loa; assume 15 km from ml	VL 523, p. 6
1/20/54	21:39:00					kl kuer sf		10.0		16.0	18.9	t; vf (uwe)	1.80							1.80	nomo		Hilina pali	VL 523, p. 6
1/20/54	21:39:00	19	32.0	155	28.0	ml ner?	15	15	24.5	24.5	28.7	f-felt; s (ml)	3.57	<4.22	<4.27	<3.62	3.89			3.72	aver	IV	NE rift Puu Ulaula; felt-Papaloa Kona, hnp, Kukuihaele; preferred magnitude calculated as an average of HVO and nomogram; Papaloa (Kealakekua mauka-5100 ft alt)-4, sharp jerking, windows rattled, dur 4-6 sec, slight jiggle in Kealakekua; Kukuihaele-2	location wrong?; ml mok better fits felt reports and Hon magnitude; Honolulu data average of two readings; ml mag 3.2-3.7; VL 523, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/20/54	21:40:00					unknown						vf												VL 523, p. 6
1/22/54	3:13:00					unknown						t; vf (uwe)												VL 523, p. 6
1/24/54	4:36:00	19	22.10	155	12.00	kl kuer sf?	19.2	10.0		9.5	13.8	s-felt	3.60	no trace	no trace	no trace	no trace			3.60	nomo	II	e rift Alae crater, felt-Hilo; Hilo-2, light, typical local quake	VL 523, p. 6; HVO unpub
1/26/54	6:48:00					unknown						vf												VL 523, p. 6
1/28/54	13:15:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		Kona; assume 10 km from Kona	VL 523, p. 6
1/29/54	22:54:00					kaoiki			20	20.0	21.9	vf	2.36							2.36	nomo		Kaoiki fault	VL 523, p. 6
1/30/54	8:31:00	19	12.00	155	26.00	kl swr		5.0	33.5	31.5	31.9	vf	2.62							2.62	nomo		SW rift near coast	VL 523, p. 6
1/31/54	11:48:00	19	22.10	155	12.00	kl kuer sf?		10.0	9.6	9.5	13.8	s-felt	3.86	no trace	no trace	no trace	no trace			3.86	nomo	III	e rift 6 mi from HVO; felt-Hilo; Warshauer notes: An earthquake of intensity 3 jarred Hilo sharply Sunday at 11:48:26 a.m. Registered for about 90 seconds and was probably felt for 45 seconds.	VL 523, p. 6; HTH, 2/1/1954
2/6/54	15:59:00					kona			45	45.0	45.9	t-vf-felt (ml)	3.30							3.30	nomo	felt	Kona; assume 45 km from ml; felt-Kalahiki Kona	VL 523, p. 6
2/6/54	20:41:00					kaoiki			15	15.0	17.5	t; vf (ml)	1.88							1.88	nomo		se flank Mauna Loa; assume 15 km from ml	VL 523, p. 6
2/7/54	14:15:00	19	28.5	155	35.5	ml mok deep		40	35	21.2	45.3	t; vf (ml)	2.54							2.54	nomo		Mauna Loa summit	VL 523, p. 6
2/7/54	19:50:00					kl cal 0-5		2.0	3.5	3.5	4.0	t; vf (uwe)	0.73							0.73	nomo		Kilauea crater	VL 523, p. 6
2/10/54	22:14:00					kaoiki			15	15.0	17.5	vf; f (ml)	2.21							2.21	nomo		se flank Mauna Loa; assume 15 km from ml	VL 523, p. 6
2/12/54	3:24:00					unknown						t; vf (uwe)												VL 523, p. 6
2/12/54	3:51:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 523, p. 6
2/12/54	13:10:00					kona			10	10.0	13.5	vf (kona)	2.02							2.02	nomo		Kona; assume 10 km from Kona	VL 523, p. 6
2/12/54	15:30:00					hilo			5	5.0	10.3	vf (hilo)	1.59							1.59	nomo		near Hilo; assume 5 km from Hilo	VL 523, p. 6
2/13/54	13:01:00					unknown						t; vf (uwe)												VL 523, p. 6
2/13/54	23:44:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 523, p. 6
2/16/54	3:15:00					kona			15	15.0	17.5	f-felt (kona)	3.22							3.22	nomo	IV	Kona; assume 15 km from Kona; felt-Capt. cook; Capt. Cook-4, dur several sec, house creaked, windows rattled, awakened people, long but not strong, direction Mauna Loa, "pretty strong" in Kealakekua	VL 523, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/16/54	8:31:00					ml ner			15	15.0	17.5	vf (ml)	1.88							1.88	nomo		NE rift; assume 15 km from ml	VL 523, p. 6
2/18/54	14:39:00					kaoiki?			5	5.0	10.3	vf (ml)	1.51							1.51	nomo		assume 5 km from ml	VL 523, p. 6
2/19/54	6:31:00					kl swr		2.0	7.0	7.0	7.3	vf (uwe)	1.14							1.14	nomo		SW rift	VL 523, p. 7
2/19/54	21:27:00					kaoiki?			5	5.0	10.3	vf (ml)	1.51							1.51	nomo		assume 5 km from ml; "Mauna Loa" in	VL 523, p. 7
2/20/54	2:33:00	19	28.5	155	35.5	ml mok				21.2	23.1	vf (ml)	2.07							2.07	nomo		Mauna Loa summit	VL 523, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
2/22/54	17:32:00					kona			50	50.0	50.8	vf-felt (ml)	3.37							3.37	nomo	felt	Kona; assume 50 km from ml; felt-Kalahiki Kona	VL 523, p. 7
2/23/54	16:50:00					kaoiki			10	10.0	13.5	vf (ml)	1.70							1.70	nomo		se flank Mauna Loa: assume 10 km from ml	VL 523, p. 7
2/24/54	1:04:00					unknown						t; vf (uwe)												VL 523, p. 7
2/24/54	3:36:00					kaoiki?			5	5.0	10.3	vf (ml)	1.51							1.51	nomo		assume 5 km from ml	VL 523, p. 7
2/25/54	15:38:00					kaoiki			10	10.0	13.5	vf (ml)	1.70							1.70	nomo		se flank Mauna Loa: assume 10 km from ml	VL 523, p. 7
2/26/54	9:50:00					kaoiki?			5	5.0	10.3	vf (ml)	1.51							1.51	nomo		assume 5 km from ml	VL 523, p. 7
2/26/54	14:15:00					kaoiki?			10	10.0	13.5	t; vf (ml)	1.70							1.70	nomo		assume 10 km from ml; "Mauna Loa" in	VL 523, p. 7
2/26/54	14:16:00					kaoiki?			10	10.0	13.5	vf (ml)	1.70							1.70	nomo		assume 10 km from ml; "Mauna Loa" in	VL 523, p. 7
2/27/54	14:53:00					kilauea		3.0		8.0	8.5	t; vf (uwe)	1.25							1.25	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 523, p. 7
3/3/54	23:30:00					kilauea		3.0		8.0	8.5	vf (uwe)	1.25							1.25	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 523, p. 7
3/6/54	2:35:00					kl uer		2.0	7.0	7.0	7.3	vf	1.60							1.60	nomo		e rift	VL 523, p. 7
3/6/54	21:49:00					kilauea		3.0		8.0	8.5	vf	1.71							1.71	nomo		Kilauea in VL	average distance and depth assumed from modern catalog locations of near-caldera events; VL 523, p. 7
3/9/54	2:51:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 523, p. 7
3/9/54	3:22:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 523, p. 7
3/12/54	15:32:00					hilo			5	5.0	10.3	vf (hilo)	1.59							1.59	nomo		near Hilo; assume 5 km from Hilo	VL 523, p. 7
3/15/54	6:50:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 523, p. 7
3/16/54	16:19:00					kona			5	5.0	10.3	t; f (kona)	2.85							2.85	nomo	IV	Kealakekua fault; assume 5 km from Kona; Capt. Cook-3, shake and house rattle similar to heavy truck passing, rumbling acc quake	VL 523, p. 7; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/19/54	0:23:00					kaoiki			10	10.0	13.5	t; vf (ml)	1.70							1.70	nomo		se flank Mauna Loa: assume 10 km from ml	VL 523, p. 7
3/24/54	7:25:00	19	22.10	155	12.00	kl uer		2.0	9.0	9.5	9.7	vf	1.80							1.80	nomo		e rift near Alae crater	VL 523, p. 7
3/26/54	0:28:00	19	13.90	155	25.40	kl swr		2.0	27.5	28.0	28.1	vf	2.54							2.54	nomo		SW rift 4 mi se of Kapapala ranch	VL 523, p. 7
3/26/54	3:08:00					kaoiki			10	10.0	13.5	vf (ml)	1.70							1.70	nomo		se flank Mauna Loa: assume 10 km from ml	VL 523, p. 7
3/26/54	15:02:00					kl cal 0-5		2.0	3.5	3.5	4.0	vf (uwe)	0.73							0.73	nomo		Kilauea crater	VL 523, p. 7
3/26/54	16:07:00					ml ner			6.5	6.5	11.1	t; vf (ml)	1.57							1.57	nomo		NE rift near ml seismometer; assume 6.5 km from ml	VL 523, p. 7
3/29/54	19:31:00					ml ner deep		40	6.5	6.5	40.5	t; vf (ml)	2.47							2.47	nomo		NE rift; assume 6.5 km from ml seismometer	VL 523, p. 7
3/30/54	6:40:00	19	21.00	155		kl mer sf	24.0	10.0		29.0	30.6	st	4.93	6.06	6.13	5.91	6.01			6.03	hono	VI	about 15 mi deep between e rift and Kalapana; felt-entire Hawaii island; Hilo-5, dishes off shelves; Kalahiki (Kona)-4, long and gentle; Warshauer notes: see bib for damage report in Hilo	VL 523, p. 5, 7; HVO unpub; HTH, 3/30/1954; HA, 3/31/1954; HSB, 3/31/1954
3/30/54	6:57:00	19	21.00	155		kl mer sf	24.0	10.0	29.6	29.0	30.6	s	4.16							4.16	nomo		aftershock; Hilo-light aftershock	VL 523, p. 7; HVO unpub
3/30/54	7:02:00					kl cal 0-5		2.0	3.5	3.5	4.0	t; vf (uwe)	0.01							0.01	nomo		Kilauea crater	VL 523, p. 7
3/30/54	7:38:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	vf	2.61							2.61	nomo		aftershock	VL 523, p. 7
3/30/54	8:42:00	19	21.00	155		kl mer sf	24.0	10.0		29.0	30.6	st	4.93	6.50	6.51	6.39	6.41	6.5; 6.0	W&K; PAS	6.45	hono	VII; VII (USE); VI (S&C)	felt-entire Hawaii island, parts of Maui; shaking most intense in Puna, water tanks thrown down, stone fences damaged; extensive damage in Hilo. broken windows, houses moved or thrown down; Warshauer notes: see bib for complete damage report in Hilo	isoseismal map in W&K; VL 523, p. 5, 7; additional felt reports in HVO unpub; HTH, 3/30/1954; HA, 3/31/1954; HSB, 3/31/1954
3/30/54	9:08:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	vf	2.61							2.61	nomo		aftershock	VL 523, p. 7
3/30/54	10:08:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	t; vf (uwe)	1.43							1.43	nomo		aftershock	VL 523, p. 7
3/30/54	10:17:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	vf	2.61							2.61	nomo		aftershock	VL 523, p. 7
3/30/54	10:26:00					kl mer		2.0	20.0	20.0	20.1	vf	2.30							2.30	nomo		e rift	VL 523, p. 7
3/30/54	11:19:00					kl cal 0-5		2.0	3.0	3.0	3.6	st	3.44	no trace	no trace	no trace	no trace			3.44	nomo	felt	Kilauea crater; felt-hnp	VL 523, p. 7
3/30/54	12:13:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	t; vf (ml)	2.29							2.29	nomo		aftershock	VL 523, p. 7
3/30/54	13:31:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	t; vf (uwe)	2.15							2.15	nomo		aftershock	VL 523, p. 7
3/30/54	14:44:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	t; vf (ml)	2.29							2.29	nomo		aftershock	VL 523, p. 7
3/30/54	15:42:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	vf	2.61							2.61	nomo		aftershock	VL 523, p. 7
3/30/54	18:15:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	vf	2.61							2.61	nomo		aftershock	VL 523, p. 7
3/31/54	0:30:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	vf	2.61							2.61	nomo		aftershock	VL 523, p. 7; HTH, 3/31/1954
3/31/54	1:09:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	t; vf (uwe)	1.43							1.43	nomo		aftershock	VL 523, p. 7
3/31/54	1:30:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 523, p. 7; HTH, 3/31/1954
3/31/54	5:46:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.11	nomo		Kilauea crater	VL 523, p. 7; HTH, 3/31/1954
3/31/54	15:04:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	f	3.63							3.63	nomo		aftershock	VL 523, p. 7
3/31/54	15:48:00					kl mer sf	24.0	10.0	29.6	29.6	31.3	vf	2.61							2.61	nomo		aftershock	VL 523, p. 7
3/31/54	16:00:00					kl mer sf	24.0	10.0	15.0	15.0	18.0	m	4.05	<4.22	<4.30	<4.2	4.03			4.03	hono		epicenter closer to Kilauea's summit than the mainshock	VL 523, p. 7

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/1/54	6:34:49					kl cal 0-5?		2.0	3.0	3.0	3.6	st	3.44	no trace	no trace	no trace	no trace			3.44	nomo	felt	Kilauea crater; felt-hnp	VL 524, p. 10
4/1/54	15:56:00					kl ler		2.0	35.0	35.0	35.1	s-felt	4.03	<4.27	<4.27	poor	<3.70			4.03	nomo	felt	east Puna; felt-Puna	VL 524, p. 10
4/1/54	17:52:30					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 524, p. 10
4/1/54																							seismograph installed at Pahoa school	VL 524, p. 9; Macdonald and Eaton, 1957
4/1/54																								Note: Beginning in the second quarter of 1954 the Volcano Letter separately reports only earthquakes recorded as "feeble" or greater; very feeble and greater continue to be tabulated as weekly totals
4/8/54	13:45:00					kona?					65.0	vf?-felt	3.12							3.12	nomo	IV	Capt. Cook-3, jolt, Kealakekua felt as large truck passing, windows rattle	not listed separately in VL 523, class assigned from table; location, date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/8/54	14:05:00					kl sf??				30.0	31.3	vf	3.36							3.36	nomo	IV	Hilo-2, rattled windows, tipped over a delicate vial on bookcase	not in VL; date and time from felt report; HVO unpub
4/11/54	2:20:00					kl ler	5.0	5.0	7.0	7.0	8.6	s (pahoa)	2.95							2.95	nomo		e Puna; assume 7 km from Pahoa	VL 524, p. 10
4/12/54	2:51:00					kohala?					82.0	vf?-felt	3.28							3.28	nomo	V	Kamuela-5, awakened people, windows rattled, house shook vigorously	not listed separately in VL 523, class assigned from table; location, date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/15/54	6:27:11					kl cal 0-5		2.0	3.0	3.0	3.6	vf; f (uwe)	1.69							1.69	nomo		Kilauea crater	uwe mag 1.4-2.0; VL 524, p. 10
4/15/54	6:27:50					kl cal 0-5		2.0	3.0	3.0	3.6	s-felt; m (uwe)	2.67							2.67	nomo	felt	Kilauea crater; felt-hnp	uwe mag 2.5-3.0; VL 524, p. 10
4/15/54	6:43:03					kl cal 0-5		2.0	3.0	3.0	3.6	vf; f (uwe)	1.11							1.11	nomo		Kilauea crater	uwe mag 1.4-2.0; VL 524, p. 10
4/15/54	7:01:11					kl cal 0-5		2.0	3.0	3.0	3.6	s-felt; m (uwe)	2.67							2.67	nomo	felt	Kilauea crater; felt-hnp	uwe mag 2.5-3.0; VL 524, p. 10
4/15/54	7:15:00					kl cal 0-5		2.0	3.0	3.0	3.6	st	3.44	no trace	no trace	no trace	no trace			3.44	nomo	felt	Kilauea crater; felt-hnp; minimum magnitude	VL 524, p. 10
4/15/54	19:19:53					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e Puna; assume 7 km from Pahoa	VL 524, p. 10
4/17/54	17:25:34					kl cal 0-5		2.0	3.0	3.0	3.6	vf; f (uwe)	1.69							1.69	nomo		Kilauea crater	uwe mag 1.4-2.0; VL 524, p. 10
4/22/54	14:31:54					kl cal 0-5		2.0	3.0	3.0	3.6	s-felt	2.93							2.93	nomo	felt	Kilauea crater; felt-hnp	VL 524, p. 10
4/22/54	20:13:00					mauna kea?					55.0	vf?-felt	3.00							3.00	nomo	II	Kukuihaele-2, very brief shake	not listed separately in VL 523, class assigned from table; location, date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/23/54	16:13:23					kaoiki			20	20.0	21.9	f	3.11							3.11	nomo		Kaoiki fault	VL 524, p. 10
4/23/54	23:14:00					kona			15	15.0	17.5	f (kona)	3.22							3.22	nomo		Kona; assume 15 km from Kona	VL 524, p. 10
4/25/54	11:22:17					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e Puna; assume 7 km from Pahoa	VL 524, p. 10
4/26/54	8:17:00					east hawaii?																III	Hilo-2, one very short slight jolt	not in VL; date and time from felt report (HVO unpub)
4/28/54	20:42:00					kona?					65.0	t?-felt	2.64							2.64	nomo	II	Kalahiki (Kona)-2	not listed separately in VL 524, class assigned from table; location, date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/30/54	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.59	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	lower east rift earthquake swarm; small ler earthquakes occurring at a rate of 25/month since 4/1954; 21 events not separately tabulated (assume vf at Pahoa); Macdonald and Eaton, 1964, p.116, 3rd and 4th paragraphs
5/6/54	20:31:41	19	32.0	155	28.0	ml ner			24.5	24.5	26.1	vf; f (ml)	2.48							2.48	nomo		NE rift near Puu Ulaula	ml mag 2. 4-3.0; VL 524, p. 10
5/14/54	7:53:19					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e Puna; assume 7 km from Pahoa	VL 524, p. 10
5/15/54	1:45:36	19	22.70	155	17.40	kl cal deep	24.0	24.0	6.5	6.6	24.9	f	3.47							3.47	nomo		3 mi s of Uwekahuna	VL 524, p. 10
5/18/54	3:34:34					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 524, p. 10
5/18/54	10:36:40	19	20.00	155	17.40	kl cal deep	32.0	32.0	11.5	11.3	33.9	f	3.68							3.68	nomo		6 mi s of Uwekahuna	VL 524, p. 10
5/18/54	16:56:48					kona		5	70.5	70.5	70.7	vf-felt; st (kona)	3.92	no trace	no trace	no trace	no trace			3.92	nomo	IV	Kona; assume 4 km from Kona; felt-Kealakekua, Capt. cook; Capt. Cook and Honaunau mauka-3, jar; Kealakekua-4, short and sharp jolt, windows rattle; Honalo-short shake	Kona >3.8 if shallow; VL 524, p. 10; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/20/54	3:48:00					kona?					65.0	t?-felt	2.64							2.64	nomo	III	Kalahiki (Kona)-3, pictures slanting toward Kau	not listed separately in VL 524, class assigned from table; location, date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/20/54	20:40:03					kl cal 0-5		2.0	3.0	3.0	3.6	s	2.67							2.67	nomo		Kilauea crater	VL 524, p. 11
5/24/54	9:11:56					kl cal 0-5		2.0	3.0	3.0	3.6	f; s (uwe)	2.33							2.33	nomo		Kilauea crater	uwe mag 2.0-2.5; VL 524, p. 11

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/26/54	16:39:42	19	30.0	155	23.0	kaoiki	9.6	5	14	15.0	15.8	f; st (ml)	3.47	no trace	no trace	no trace	no trace			3.47	nomo		Kaoiki fault near halfway house [depth made shallow and latitude and longitude put close to ml seismometer to better fit the contrasting signals at Whitney and ml]	ml mag >3.3; VL 524, p. 11
5/31/54	3:42:32					kl cal 0-5		2.0	3.0	3.0	3.6	s; m (uwe)	2.67							2.67	nomo		Kilauea crater	uwe mag 2.5-3.0; VL 524, p. 11
5/31/54	3:46:57					kl cal 0-5		2.0	3.0	3.0	3.6	vf; f (uwe)	1.69							1.69	nomo		Kilauea crater	uwe mag 1.4-2.0; VL 524, p. 11
5/31/54	3:47:38					kl cal 0-5		2.0	3.0	3.0	3.6	vf; f (uwe)	1.69							1.69	nomo		Kilauea crater	uwe mag 1.4-2.0; VL 524, p. 11
5/31/54	3:48:06					kl cal 0-5		2.0	3.0	3.0	3.6	vf; f (uwe)	1.69							1.69	nomo		Kilauea crater	uwe mag 1.4-2.0; VL 524, p. 11
5/31/54	3:48:16					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 524, p. 11
5/31/54	3:50:44					kl cal 0-5		2.0	3.0	3.0	3.6	m (st-uwe)	3.17	no trace	no trace	no trace	no trace			3.17	nomo		Kilauea crater	uwe mag >3.0; VL 524, p. 11
5/31/54	3:50:59					kl cal 0-5		2.0	3.0	3.0	3.6	vf; f (uwe)	1.11							1.11	nomo		Kilauea crater	uwe mag 1.4-2.0; VL 524, p. 11
5/31/54	3:54:05	19	24.60	155	16.80	kl cal 05-10		6.0	3.0	3.1	6.7	st	3.88	3.95	<4.12	<3.90	3.90			3.90	hono	felt	Kilauea crater just e of Halemaumau; felt-hnp	Honolulu amplitude average of two readings; VL 524, p. 11
5/31/54	4:31:00																							Eruption begins in Kilauea caldera and Halemaumau crater
5/31/54	14:45:40					kl cal 0-5		2.0	3.0	3.0	3.6	vf; f (uwe)	1.69							1.69	nomo		Kilauea crater	uwe mag 1.4-2.0; VL 524, p. 11
5/31/54	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.65	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	lower east rift earthquake swarm; small ler earthquakes occurring at a rate of 25/month since 4/1954; 24 events not separately tabulated (assume vf at Pahoa); Macdonald and Eaton, 1964, p.116, 3rd and 4th paragraphs
6/1/54	20:42:53					kona		5	70.5	70.5	70.7	vf-felt; st (kona)	3.52	<3.97	no trace	<3.39	<3.34			3.52	nomo	III	Kona; assume 5 km from Kona; felt-Kona; Kalahiki (Kona)-2, pictures tilted toward Kau	Kona >3.8 if shallow; moderate at Kona?; VL 524, p. 11; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/2/54	0:03:03					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 524, p. 11
6/9/54	3:08:00					kl cal 0-5?																III?	hnp-felt by several at volcano house	not in VL; date and time from felt report (HVO unpub)
6/9/54																							seismograph installed on Waimea school grounds	VL 524, p. 10
6/16/54	9:42:28					kl mer		2.0	25.0	25.0	25.1	vf; f (pahoa)	2.80							2.80	nomo		e rift	mag Pahoa 2.5-3.1; VL 524, p. 11
6/16/54	19:46:00					kona?																felt	kealakekua-light shake, not long; honokahau-felt	not in VL 524-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/18/54	3:00:03	19	26.80	155	23.50	kl gln deep	40.0	40.0		13.9	42.3	vf-felt; f (ml)	3.57							3.57	nomo	felt	ml seismograph; one of the largest of series of more than 100 very feeble quakes [on ml seismometer] and innumerable tremors originating from this focus on June 18, 19, 20, and 21; many felt at Umikoa (NE flank Mauna Kea); several felt at Kamuela and Hilo	ml magnitude 2.2-3.8; VL 524, p. 11
6/18/54	20:20:00	19	26.80	155	23.50	kl gln deep	40.0	40.0		13.9	42.3	vf-felt	2.82							2.82	nomo	III	Kamuela-5, 3 slight and distant quakes at 8:20, 8:45 and 8:50 PM, dur 30 sec, 3rd the strongest of the three	HVO unpub
6/18/54	20:45:00	19	26.80	155	23.50	kl gln deep	40.0	40.0		13.9	42.3	vf-felt	2.82							2.82	nomo	III	do	HVO unpub
6/18/54	20:50:00	19	26.80	155	23.50	kl gln deep	40.0	40.0		13.9	42.3	vf-felt	3.16							3.16	nomo	III	do	HVO unpub
6/18/54	21:42:00	19	26.80	155	23.50	kl gln deep	40.0	40.0		13.9	42.3	vf-felt	2.82							2.82	nomo	II	Kalahiki (Kona)-2	HVO unpub
6/18/54	21:42:00					kona?																II	Kalahiki-2	not in VL 524-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/18/54	23:59:00	19	26.80	155	23.50	kl gln deep	40.0	40.0	13.5	13.9	42.3	vf	2.82							3.53	calc	felt	series of earthquakes approximately under the Mauna Loa seismic station at a depth of 25 miles; Wailea-felt many quakes (day and night) during Umikoa sequence; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; assume 6 events (vf); VL 524, p. 11; HVO unpub
6/19/54	23:59:00					kl gln deep														3.46	calc		deep Glenwood earthquake swarm; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; assume 5 events (vf); VL 524, p. 11; HVO unpub
6/20/54	23:59:00					kl gln deep														3.53	calc		deep Glenwood earthquake swarm; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; assume 6 events (vf); VL 524, p. 11; HVO unpub
6/21/54	23:59:00					kl gln deep														3.53	calc		deep Glenwood earthquake swarm; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; assume 6 events (vf); VL 524, p. 11; HVO unpub
6/23/54	2:03:09					kl cal 0-5		2.0		0.0	2.0	f	2.12							2.12	nomo		Kilauea crater	VL 524, p. 11

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
6/29/54	2:35:27	19	26.80	155	23.50	kl gln deep	40.0	40.0	10.0	13.9	42.3	vf	2.82							2.82	nomo			VL 524, p. 11
6/30/54	17:20:11					kl cal 0-5		2.0		0.0	2.0	f	2.12							2.12	nomo		Kilauea crater	VL 524, p. 11
6/30/54	23:59:00					kl ler		5.0		0.0	5.0	vf (pahoa)	1.02							2.65	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	lower east rift earthquake swarm; small ler earthquakes occurring at a rate of 25/month since 4/1954; 24 events not separately tabulated (assume vf at Pahoa); Macdonald and Eaton, 1964, p.116, 3rd and 4th paragraphs
7/1/54	9:06:00					kl cal 05-10		8.0		0.0	8.0	f-felt; m (ml)	3.05							3.05	nomo	felt	Kilauea crater; felt-hnp	ml mag 3.7-4.2; needs to be closer to ml seismometer-Kaoiki?; VL 525, p. 6
7/1/54																							seismograph installed at Naalehu school between July 1 and September 30 [date not given; first mention of this station in the listing at the end of the Volcano Letter]	VL 525, p. 8
7/2/54	6:00:00					kl cal 0-5		2.0		0.0	2.0	f	2.12							2.12	nomo		Kilauea crater	VL 525, p. 6
7/3/54	11:52:35	19	22.10	155	12.00	kl mer sf?	12.0	10.0		9.5	13.8	st	4.37	4.83	5.02	5.21	5.24	5.40	hvo (S&C)	5.24	aver	VI (W&K; S&C)	e rift near Alae crater, felt generally s half Hawaii island, accompanied and followed by numerous rockfalls on seaward face of Puu Kapukapu; Warshauer notes: int 4, felt in Hilo, Volcano and Kapapala, items off shelves; detailed felt reports in HVO unpub	magnitude not given in VL; VL 525, p. 6; HTH, 7/4/1954; HVO unpub
7/11/54	12:07:26	19	22.60	155	8.80	kl mer		2.0	13.5	13.5	13.6	f	3.05							3.05	nomo		e rift near Napau crater	VL 525, p. 6
7/15/54	17:10:07					kl cal 0-5		2.0		0.0	2.0	f	2.12							2.12	nomo		Kilauea crater	VL 525, p. 6
7/22/54	13:35:00					kl ler		5.0		0.0	5.0	f (pahoa)	2.03							2.03	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 525, p. 6
7/22/54	15:38:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 525, p. 7
7/22/54	20:36:50					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 525, p. 7
7/25/54	18:17:55	19	29.5	155	23.5	kaoiki	10	10	15	15.3	18.3	s-felt	3.80	no trace	no trace	no trace	no trace			3.80	nomo	felt	near ml seismometer; felt-hnp; hnp-felt	numerals-in remarks column refer to HVO postcards]
7/26/54	0:51:44					kaoiki	10	10	20	20.0	22.4	s-felt	3.94	no trace	no trace	no trace	no trace			3.94	nomo	II	Kaoiki fault w of HVO; felt-hnp, Kona; hnp-felt; Capt. Cook-2, 2 v gentle window rattles about 3 sec apart	VL 525, p. 7; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/29/54	21:13:00					kona?																III	Capt. Cook-3, window rattle, east then west, dur 3 sec	not in VL 525-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/31/54	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.61	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	lower east rift earthquake swarm; small ler earthquakes occurring at a rate of 25/month since 4/1954; 22 events not separately tabulated (assume vf at Pahoa); Macdonald and Eaton, 1964, p.116, 3rd and 4th paragraphs
8/1/54	23:27:48					kona			10	10.0	13.5	f-felt (kona)	3.04							3.04	nomo	III	central Kona; assume 10 km from Kona; felt-central Kona; Capt. Cook-3, one sharp shock, "pretty strong", windows rattle	VL 525, p. 7; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/2/54	13:40:33					kl uer	15.0	2.0	9.0	9.0	9.2	st	4.09	<4.17	<4.17	<3.85	<3.75			4.09	nomo	felt	e rift Alae crater; felt-hnp	mag agrees if shallow; VL 525, p. 7
8/7/54	14:26:17					kl cal deep	25.0	25.0	4.0	4.0	25.3	st	4.80	5.16	4.45	4.98	5.42			5.00	hono	V	Kilauea crater; felt generally-central Hawaii island; Kamuela-5, vigorous shake, rumbling, windows rattle; Capt. Cook-3 to 4, 2 distinct, 2nd stronger, comb dur 1 min, swaying, felt by persons walking outdoors; Honokahau-window rattle	VL 525, p. 7; additional felt reports in HVO unpub
8/16/54	4:45:33					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 525, p. 7
8/18/54	7:13:56					kl cal 0-5		2.0	3.0	3.0	3.6	s	2.67							2.67	nomo		Kilauea crater	VL 525, p. 7
8/20/54	1:58:54	19	22.00	155	10.50	kl mer		2.0	11.5	11.5	11.7	f	2.94							2.94	nomo		e rift near Makaopuhi crater	VL 525, p. 7
8/30/54	23:17:04	19	22.00	155	10.50	kl mer	20.0	5.0	11.5	11.5	12.6	m	4.03	4.12	<4.22	3.78	4.35			4.08	hono	felt	e rift Makaopuhi crater; felt-hnp	Honolulu amplitude average of two readings; mag agreement best for shallow depth; VL 525, p. 7
8/31/54	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.65	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	lower east rift earthquake swarm; small ler earthquakes occurring at a rate of 25/month since 4/1954; 24 events not separately tabulated (assume vf at Pahoa); Macdonald and Eaton, 1964, p.116, 3rd and 4th paragraphs
9/1/54	15:17:49					kona			10	10.0	13.5	s-felt (kona)	3.59							3.59	nomo	IV	central Kona; assume 10 km from Kona; felt-central Kona; Hokukano (bet Kealakekua and Kainaliu)-4, like tremendous explosion under house, short by extremely sharp; Kealakekua-strong, windows rattled; Honaunau-short, gentle rattle; Capt. Cook-a sharp jolt	VL 525, p. 7; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/4/54	13:55:00					kona?																felt	Capt. Cook-2, felt in bed, slight jar and window rattle	not in VL 525-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/7/54	2:10:00					kona?																III	Capt. Cook-2, very gentle, windows rattle, awake to a slight jolt like something hitting house lightly, then jiggle	not in VL 525-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/7/54	14:48:36					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.34							2.34	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 525, p. 7
9/8/54	23:03:52					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 525, p. 7
9/11/54	18:23:00					kona?																II	Capt. Cook-2, slight jar and jiggle	not in VL 525-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/12/54	21:58:59					kl cal 10-20	20.0	20.0	3.0	3.0	20.2	s	3.87							3.87	nomo		Kilauea crater	VL 525, p. 7
9/12/54	23:08:26					kl gln deep	45.0	45.0	9.0	9.0	45.9	t; vf (ml)	2.55							2.55	nomo		typical of about 250 quakes t and vf [on ml seismometer] on Sept. 12 and 13 located between ml seismometer and HVO at a depth 45 km	VL 525, p. 7
9/13/54	2:42:53	19	17.70	155	12.80	kl kuer sf		15.0		15.9	21.9	f-felt	3.38							3.38	nomo		5 km east of Puu Kapukapu; felt in Hilo	VL 525, p. 7
9/13/54	2:45:00					kl gln deep?	45.0	45.0	9.0	9.0	45.9	vf?	2.88							2.88	nomo	IV	Hilo-sharp vibration, dur 4 sec, windows rattled, awakened and felt by few	not tabulated separately in VL; date and time from felt report (HVO unpub)
9/13/54	18:22:05	19	22.00	155	10.50	kl mer	20.0	2.0	11.5	11.5	11.7	f	2.94							2.94	nomo		e rift near Makaopuhi crater	VL 525, p. 7
9/13/54	23:59:00					kl gln deep	45.0	45.0	9.0	9.0	45.9	vf	2.88							3.95	calc		deep Glenwood earthquake swarm; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 15 vf (Whitney) on September 12 and 13, in excess of normal weekly count, not tabulated separately/1954; VL 525, p. 6-7
9/13/54	23:59:00					kl gln deep	45.0	45.0	9.0	9.0	45.9	t	1.87							3.14	calc		do	earthquake swarm; 25 t (Whitney) on September 12 and 13, in excess of normal weekly count, not tabulated separately/1954; VL 525, p. 6-7
9/15/54	1:23:06					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		Kilauea crater	VL 525, p. 7
9/16/54	8:15:04					kl cal 0-5		2.0	3.0	3.0	3.6	s	2.67							2.67	nomo		Kilauea crater	VL 525, p. 7
9/22/54	0:19:35					kl cal 05-10?	15.0	6.0	3.0	3.0	6.7	s	3.10							3.10	nomo		Kilauea crater	VL 525, p. 7
9/25/54	21:12:07					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 525, p. 7
9/30/54	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.65	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	lower east rift earthquake swarm; small ler earthquakes occurring at a rate of 25/month since 4/1954; 24 events not separately tabulated (assume vf at Pahoa); Macdonald and Eaton, 1964, p.116, 3rd and 4th paragraphs
10/1/54	14:49:57					kl uer		2.0	3.5	3.5	4.0	f	2.20							2.20	nomo		e rift near Kilauea crater	VL 526, p. 5
10/2/54	22:22:54					kl ler		5.0	7.0	7.0	8.6	f-felt (pahoa)	2.40							2.40	nomo	II	e rift near Pahoa; Hilo (10:10 PM-time off?)-one brief quiver, dur 2 sec	assume 7 km from Pahoa; VL 526, p. 5; HVO unpub
10/3/54	11:09:02					kl cal 10-20	20.0	15.0	5.0	5.0	15.8	f	3.15							3.15	nomo		near Kilauea crater	VL 526, p. 5
10/5/54	12:23:54	19	32.0	155	28.0	ml ner			24.5	24.5	26.1	vf; f (ml)	2.48							2.48	nomo		NE rift near Puu Ulaula	ml mag 2. 4-3.0; VL 526, p. 5
10/6/54	13:42:46					kl cal 0-5		2.0	4.0	4.0	4.5	f	2.27							2.27	nomo		near Kilauea crater	VL 526, p. 5
10/7/54	18:43:22	19	22.50	155	13.70	kl uer	10.0	10.0	7.0	7.1	12.3	m	4.02	no trace	no trace	no trace	no trace			4.02	nomo		e rift near Pauahi; Warshauer notes: slight shock at 6:43 p.m.; hnp (time 18:58)-set off buzzer	VL 526, p. 5; HTH, 10/8/1954; HVO unpub
10/7/54	20:56:25	19	14.8	155	35.9	hilea			40	41.1	42.0	m; st (naalehu)	4.63	<3.91	<4.07	<3.54	3.73			3.73	hono	III	felt-Kalahiki, Capt. cook, hnp; extensive felt reports in HVO, unpub; Warshauer notes: felt sharply in Hilo	Hon mags seem too low; se flank Mauna Loa about 20 km n of; Honolulu data average of two readings; mag >4. 4; closer? or slight?; VL 526, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]; HTH, 10/8/1954
10/8/54	11:56:39	19	29.5	155	23.5	kaoiki			15.5	15.3	17.8	vf; f (ml)	2.22							2.22	nomo		se flank Mauna Loa near ml seismometer	ml mag 2.2-2.8; VL 526, p. 5
10/9/54	4:20:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 526, p. 5
10/11/54	1:18:41					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		near Kilauea crater	VL 526, p. 5
10/11/54	6:26:33	19	23.0	155	54.2	kona				14.5	17.1	st (kona)	4.52	det.	no trace	4.07	4.28			4.28	aver	V (hilo); IV (kona)	w shore of Mauna Loa near Hookena; felt-Kalahiki, Capt.. cook, Kamuela, hnp, Hilo, Honokahau; extensive felt reports in HVO, unpub; preferred magnitude calculated as average of Honolulu and nomogram	magnitude agrees if strong referenced to Kona; VL 526, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/11/54	6:39:00					kona?																II	aftershock; Kalahiki-2	not in VL 526-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/11/54	6:52:00					kona?																II	aftershock; Kalahiki-2	not in VL 526-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/15/54	23:16:50					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		near Kilauea crater	VL 526, p. 5
10/16/54	6:16:32					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		assume 7 km from Pahoa	VL 526, p. 5
10/18/54	23:07:05					mauna kea			24	24.0	25.6	t; f (kamuela)	3.16							3.16	nomo		w flank Mauna Kea; assume 24 km from Kamuela	VL 526, p. 5

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/19/54	1:25:41					kl cal 0-5		2.0	4.0	4.0	4.5	f	2.27							2.27	nomo		near Kilauea crater	VL 526, p. 5
10/27/54	13:30:14					kl cal 0-5		2.0	4.0	4.0	4.5	f	2.27							2.27	nomo		near Kilauea crater	VL 526, p. 5
10/31/54	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.59	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	lower east rift earthquake swarm; small ler earthquakes occurring at a rate of 25/month since 4/1954; 21 events not separately tabulated (assume vf at Pahoa); Macdonald and Eaton, 1964, p.116, 3rd and 4th paragraphs
11/2/54	3:45:00					kohala?																III	Kamuela-5, slight rattle of windows, dur 1 sec	not in VL 526-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/4/54	4:49:21	19	22.60	155	8.80	kl mer	10.0	5.0	13.5	13.5	14.4	m	3.89	<4.12	<4.12	<4.00	<3.65			3.89	nomo		e rift near Napau crater	VL 526, p. 5
11/6/54	16:04:36					kl cal 05-10	20.0	8.0	4.0	4.0	8.9	m	3.80	no trace	poor	no trace	no trace			3.80	nomo	felt	near Kilauea crater, felt-hnp; volcano-gentle rocking motion	mag agreement best if shallow; VL 526, p. 5; HVO unpub
11/11/54	1:53:43					kl cal 10-20	15.0	15.0	4.0	4.0	15.5	s	3.68							3.68	nomo		near Kilauea crater	VL 526, p. 5
11/17/54	4:30:48					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	nomo		near Kilauea crater	VL 526, p. 5
11/18/54	19:30:39	19	28.5	155	35.5	ml mok			46	45.8	46.7	f (naalehu)	3.31							3.31	nomo		near Mauna Loa summit	VL 526, p. 5
11/19/54	10:55:34	19	56.0	155	34.3	ml nf	35	35	65	64.8	73.6	f-felt; st (kamuela)	3.95	no trace	det.	4.02	3.93			3.98	hono	IV	15 km se of Kamuela; felt-Kamuela; Kamuela-5, strong, loud "explosive" noise with rumble from NE, strong jar to building	Kamuela mag >4.8; must be closer to Kamuela; VL 526, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/20/54	15:02:51	19	45.7	155	37.8	ml nf	30	30	41	53.5	61.4	vf-felt; s (ml)	3.42							3.42	nomo	felt	10 km w of Pohakuloa; felt-Kamuela	ml mag 3.9-4. 4; closer to ml?; VL 526, p. 5
11/21/54	19:32:55	19	24.9	155	31.7	kaoiki	10	10	26	28.2	30.0	vf; f (ml)	2.58							2.58	nomo		10 km se of Mokuaweoweo	VL 526, p. 5
11/23/54	7:47:54					kl ler		5.0	7.0	7.0	8.6	m (pahoa)	3.45							3.45	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 526, p. 6
11/23/54	8:21:25					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 526, p. 6
11/23/54	23:08:35					kl cal 0-5		2.0	3.0	3.0	3.6	s	2.67							2.67	nomo		Kilauea crater	VL 526, p. 6
11/23/54	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.57	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 20 events (vf at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
11/26/54	2:20:19					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 526, p. 6
11/26/54	2:30:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 526, p. 6
11/26/54	5:50:24					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 526, p. 6
11/26/54	11:34:05					kl uer		5.0	3.5	3.5	6.1	f-felt	2.81							2.81	nomo	felt	e rift near Kilauea crater; felt-hnp	VL 526, p. 6
11/26/54	15:37:39					kl cal 0-5		2.0	4.0	4.0	4.5	f	2.27							2.27	nomo		near Kilauea crater	VL 526, p. 6
11/26/54	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.86	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 41 events (vf at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
11/27/54	8:04:58					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 526, p. 6
12/1/54	17:27:34					kl cal 0-5		2.0	4.0	4.0	4.5	f	2.27							2.27	nomo		near Kilauea crater	VL 526, p. 6
12/4/54	6:35:56					kl gln deep	45.0	45.0	7.0	7.0	45.5	f (ml)	3.29							3.29	nomo		near Kilauea crater	VL 526, p. 6
12/4/54	8:49:00					kl gln deep	45.0	45.0	7.0	7.0	45.5	f (ml)	3.29							3.29	nomo		near Kilauea crater	VL 526, p. 6
12/4/54	14:29:36					kl kuer sf		10.0	16.0	16.0	18.9	s-felt	3.82	<4.07	<4.07	<3.95	3.99			3.99	hono	IV	Hilina pali, felt-Hilo, Pahala; Pahala-5, building swayed slightly; Hilo-4, motion quite rapid, began gradually, dur 5 sec, windows, doors and dishes rattled; followed shortly after by another quake felt by a few	Honolulu amplitude average of two readings; VL 526, p. 6; HVO unpub
12/5/54	10:46:42	19	22.60	155	8.80	kl mer		2.0		13.5	13.6	f	3.05							3.05	nomo		e rift Napau crater	VL 526, p. 6
12/5/54	20:59:15					kl gln deep	45.0	45.0	7.0	7.0	45.5	t-felt; f? (ml); f (pahoa); vf (kona)	3.78	no trace	no trace	no trace	no trace			3.78	nomo	IV	This is the largest of a swarm of more than 200 small quakes near Kilauea caldera on Dec. 4 and 5; felt-cpt. cook, Pahala; Pahala (9:04 PM)-3, very feeble, slight movement and rattling windows	mag using the Kona seismometer based on location NW of the caldera (5 km from ml, 60 km from Kona and 43 km from Pahoa); ml mag 2.3-3.9; Kona mag 2.7-4.0; VL 526, p. 6; HVO unpub
12/5/54	23:59:00					kl gln deep	45.0	45.0	7.0	7.0	45.5	vf (ml)	2.55							3.89	calc		deep Glenwood earthquake swarm; preferred magnitude calculated as nomogram magnitude multiplied by number of events	deep earthquake swarm north of Kilauea caldera; assume 30 events (vf at ml) on 12/4 and 5; VL 526, p. 6
12/5/54	23:59:00					kl gln deep	45.0	45.0	7.0	7.0	45.5	t (ml)	1.51							3.53	calc		do	deep earthquake swarm north of Kilauea caldera; assume 167 events (t at ml) on 12/4 and 5; VL 526, p. 6
12/6/54	8:55:07					hualalai			33	33.0	34.2	f (kona)	3.69							3.69	nomo		offshore w of Hualalai	VL 526, p. 6
12/6/54	19:15:00					kona			15	15.0	17.5	f-felt (kona)	3.22							3.22	nomo	felt	assume 15 km from Kona; felt-Capt. cook	VL 526, p. 6
12/14/54	11:01:04					kl ler		5.0	7.0	7.0	8.6	m (pahoa)	3.45							3.45	nomo	IV	e rift near Pahoa; assume 7 km from Pahoa; felt quite strongly 4.5 mi ESE of Pahoa; Pahoa seismometer dismantled	VL 526, p. 4, 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
12/14/54	16:02:18					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.73							2.73	nomo	IV	e rift near Pahoa; assume 7 km from Pahoa; felt quite strongly 4.5 mi of Pahoa	[Date given as 12/9 in table (p. 6); comment on p. 4 suggests 12/14]; VL 526, p. 4, 6
12/14/54	17:35:26					ml wf	15	15	59	59.0	60.9	vf; f (kamuela)	3.41							3.41	nomo		bet Mauna Loa and Hualalai; assume 52 km from Kamuela	Kamuela mag 3. 4-4.0; VL 526, p. 6
12/14/54	22:25:52					kl cal 0-5		2.0	3.0	3.0	3.6	m	3.17	no trace	no trace	no trace	no trace			3.17	nomo	II	Kilauea crater, felt-hnp; volcano-brief, gentle motion	VL 526, p. 6; HVO unpub
12/15/54	11:21:30					kl cal 0-5		2.0	4.0	4.0	4.5	f	2.27							2.27	nomo		near Kilauea crater	VL 526, p. 6
12/22/54	2:50:52					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 526, p. 6
12/23/54	12:45:54	20	4.0	155	42.0	kohala	25	25	5	5.8	25.7	m (kamuela)	3.97	no trace	no trace	<4.11	<4.06			3.97	nomo	IV	Kamuela; felt-Kamuela, Hawi; Hawi-rattled windows; Kamuela-5, short dur, sharp jolt acc by explosive sound	VL 526, p. 6; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/24/54	21:12:00					kona?																II	Kalahiki-2	not in VL 526-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/27/54	3:19:30					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.40	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 526, p. 6
12/28/54	3:06:36					kl cal 0-5		2.0	4.0	4.0	4.5	m	3.32							3.32	nomo		just s of Kilauea crater	VL 526, p. 6
12/28/54	3:31:26					kl cal 0-5		2.0	4.0	4.0	4.5	s	2.82							2.82	nomo		just s of Kilauea crater	VL 526, p. 6
12/28/54	7:26:22					kl cal 0-5		2.0	4.0	4.0	4.5	s	2.82							2.82	nomo		just s of Kilauea crater	VL 526, p. 6
12/28/54	8:49:17	19	22.5	155	22.5	kaoiki	15	15	17	13.5	20.2	f-felt; s (ml)	3.32							3.32	nomo	felt	Kaoiki fault near halfway house; felt-hnp	ml mag 3.3-3.8; VL 526, p. 6
12/31/54	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							3.10	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 76 events (vf at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
1/1/55																								Note: Beginning in 1955 the Volcano Letter separately reports only earthquakes recorded as "slight" or greater; very feeble and greater continue to be tabulated as weekly totals
1/5/55	0:16:43					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95							2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 527, p. 5
1/6/55	15:44:07	19	22.60	155	8.80	kl mer		2.0	13.5	16.3	16.4	s (uwe)	3.27							3.27	nomo		e rift near Napau crater	VL 527, p. 5
1/6/55	18:33:55	19	25.60	154	59.60	kl mer		5.0	9.0	9.0	10.3	s (pahoa)	3.08							3.08	nomo		e rift near Heiheiahulu	VL 527, p. 5
1/8/55	17:33:33					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95							2.95	nomo		e rift se of Pahoa; assume 7 km from Pahoa	VL 527, p. 5
1/8/55	18:20:03					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95							2.95	nomo		e rift se of Pahoa; assume 7 km from Pahoa	VL 527, p. 5
1/11/55	11:03:27					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95							2.95	nomo		e rift se of Pahoa; assume 7 km from Pahoa	VL 527, p. 5
1/17/55	3:49:16	19	22.5	155	22.5	kaoiki	15	15	16	13.1	19.9	s (ml)	3.31							3.31	nomo			VL 527, p. 5
1/18/55	13:33:55					mauna kea	20	20	5	5.0	20.6	s (kamuela)	3.33							3.33	nomo			VL 527, p. 5
1/21/55	2:54:09	19	24.30	155	4.20	kl mer		2.0	26.0	23.6	23.7	s (uwe)	3.52							3.52	nomo		e rift near Kalalua	VL 527, p. 5
1/21/55	7:56:01	19	22.60	155	8.80	kl mer		2.0	16.0	16.3	16.4	s (uwe)	3.27							3.27	nomo		e rift near Napau crater	VL 527, p. 5
1/21/55	22:00:41	19	24.30	155	4.20	kl mer		2.0	26.0	23.6	23.7	s (uwe)	3.52							3.52	nomo		e rift near Kalalua	VL 527, p. 5
1/22/55	9:01:02					kl ler		5.0	7.0	7.0	8.6	m (pahoa)	3.45							3.45	nomo		e rift se of Pahoa; assume 7 km from Pahoa	VL 527, p. 5
1/25/55	5:08:10					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Puu Honuaula	VL 527, p. 5
1/27/55	6:18:43	19	22.60	155	8.80	kl mer		5.0	16.0	16.3	17.1	s (uwe)	3.29							3.29	nomo		e rift near Napau crater	VL 527, p. 5
1/31/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							3.17	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 7 events (f at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
1/31/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							3.07	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 70 events (vf at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
1/31/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	t (pahoa)	0.35							2.17	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 101 events (t at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/3/55	17:59:00					hilea?																III	Pahala-6, felt by all	not in VL 527; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/12/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.68	calc		precursory to the eruption that began on 2/28/55; Warshauer notes: 49 quakes recorded between 1 and 6 a.m. [date given as 2/13]; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (f at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph; HTH, 2/25/1955

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
2/12/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.57	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 20 events (vf at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/12/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							1.67	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 28 events (t at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/17/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95							3.22	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events (s at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/17/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							3.11	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 6 events (f at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/17/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							3.01	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 60 events (vf at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/17/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.19	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 105 events (t at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/21/55	19:17:45	19	16.80	155	15.00	kl kuer sf		5.0	16.0	16.6	17.4	s-felt (uwe)	3.31							3.31	nomo	felt	e of Kapukapu, felt-volcano; volcano-felt	VL 527, p. 5; HVO unpub
2/23/55	13:58:49	19	22.00	155	10.50	kl cal deep?	25.0	30.0	13.5	14.0	33.1	s-felt (uwe, ml, pahoa; vf (hilo, naalehu, kamuela)	4.01	<4.22	<4.37	<4.23	4.08			4.08	hono	V	e rift near Makaopuhi crater; felt-hnp, volcano,; volcano-awakened; felt by several hnp/volcano, quite strong acc by a roar; Pepeekeo-felt; depth as given or deeper gives best fit to Honolulu magnitude and felt report	Honolulu amplitude average of two readings; ml mag 3.8-4.3; Pahoa mag 3.8-4.3; Hilo mag 2.2-3.4; Naalehu mag 2.30-3.5; Kamuela mag 2.6-3.8; mags reconciled if Naalehu, Kamuela and Hilo were feeble; VL 527, p. 5; HVO unpub
2/23/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95							2.95	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 event (s at Pahoa) from 2/1 through 2/22, excluding swarms on 2/12 and 17, assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/23/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							3.04	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 5 events (f at Pahoa) from 2/1 through 2/22, excluding swarms on 2/12 and 17, assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/23/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.93	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 50 events (vf at Pahoa) from 2/1 through 2/22, excluding swarms on 2/12 and 17, assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/23/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.03	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 71 events (t at Pahoa) from 2/1 through 2/22, excluding swarms on 2/12 and 17, assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/24/55	15:06:17					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo	IV	e rift se of Pahoa; assume 6 km from Pahoa; Pahoa (ca 15:30)-awakened; Warshauer notes: dismantled Pahoa seismograph	VL 527, p. 5; HVO unpub; HTH, 2/25/1955
2/24/55	18:46:22	19	29.00	154	53.40	kl ler		5.0	6.0	6.0	7.8	m (pahoa)	3.38	no trace	no trace	no trace	no trace			3.38	nomo		e rift near Puu Honuaula; Warshauer notes: dismantled Pahoa seismograph	VL 527, p. 5; HTH, 2/25/1955
2/24/55	21:23:28					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift se of Pahoa; assume 6 km from Pahoa; Warshauer notes: dismantled Pahoa seismograph	VL 527, p. 5; HTH, 2/25/1955
2/24/55	22:30:00					kl ler																III	Warshauer notes: dismantled Pahoa seismograph	not in VL 527; HTH, 2/25/1955
2/24/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.10	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 6 events (vf at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
2/24/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							1.17	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 8 events (t at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/25/55	1:34:43					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift se of Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/25/55	5:50:34					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift se of Pahoa; assume 6 km from Pahoa; Warshauer notes: dismantled Pahoa seismograph	VL 527, p. 5; HTH, 2/25/1955
2/25/55	6:11:25					kl ler		5.0	6.0	6.0	7.8	m (pahoa)	3.38	no trace	no trace	obscured	no trace			3.38	nomo		e rift se of Pahoa; assume 6 km from Pahoa; Warshauer notes: dismantled Pahoa seismograph	VL 527, p. 5; HTH, 2/25/1955
2/25/55	13:19:21					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/25/55	15:19:56					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/25/55	22:01:50					kl ler		5.0	6.0	6.0	7.8	m (pahoa)	3.38	no trace	no trace	no trace	no trace			3.38	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/25/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95							3.04	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 5 events (f at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/25/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							2.93	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 50 events (vf at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/25/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.04	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 72 events (t at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/26/55	7:30:43					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/26/55	8:47:00					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/26/55	10:37:13	19	27.40	154	55.40	kl ler		5.0	39.0	39.1	39.5	s (uwe)	3.88	no trace	no trace	no trace	no trace			3.88	nomo		e rift near Puu Kepaka	VL 527, p. 5
2/26/55	12:22:05					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/26/55	15:40:18					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/26/55	18:56:33					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/26/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95							3.45	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 14 events (f at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/26/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							3.34	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 140 events (vf at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/26/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.42	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 190 events (t at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/27/55	0:37:24					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/27/55	8:03:00					kona?																III	Kalahiki-3; Capt. Cook-3, windows rattle	not in VL 527-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/27/55	13:42:23					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/27/55	17:00:30					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/27/55	17:22:06					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/27/55	17:56:53					kl ler		5.0	35.0	35.0	35.4	vf (hilo)	0.74	no trace	no trace	no trace	no trace			0.74	nomo		e rift near Pahoa; assume 35 km from Hilo	VL 527, p. 5
2/27/55	18:07:29					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/27/55	20:15:03					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88	0.74						2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/27/55	23:12:02					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
2/27/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95							3.61	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 21 events (f at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/27/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							3.50	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 210 events (vf at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
2/27/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.68	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 363 events (t at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/28/55	7:45:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95							3.66	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 24 events (f at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/28/55	7:45:00					kl ler		5.0	7.0	7.0	8.6	f (pahoa)	2.40							3.55	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 240 events (vf at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/28/55	7:45:00					kl ler		5.0	7.0	7.0	8.6	vf (pahoa)	1.39							2.74	calc		precursory to the eruption that began on 2/28/55; preferred mag calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 427 events (t at Pahoa) assumed to accompany stronger events reported separately; VL 526, p. 6; Macdonald and Eaton, 1964, p.116, 4th paragraph
2/28/55	8:00:00																							eruption began in Puna when smoke first seen; tremor began recording on Pahoa seismograph at 7:45 am; Macdonald and Eaton, 1964, p.16
3/1/55	9:06:43					kl ler		5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa; assume 6 km from Pahoa	VL 527, p. 5
3/1/55	14:21:30	19	24.30	155	4.20	kl mer		2.0	13.5	16.4	16.5	st (pahoa)	>4.17	4.35	4.43	4.70	4.55			4.51	hono	V	e rift near Kalalua; felt-volcano; hnp (bird park)-felt like someone shaking car; hnp-rec on experimental instrument, not felt; volcano-felt, water tank splashed; hnp-mirror thrown to floor, felt	assume strong at Whitney (VL 527, p. 4, table); M (Whitney) >4.65; VL 527, p. 5; HVO unpub
3/1/55	16:30:00																							First stage of eruption over; Macdonald and Eaton, 1964, p.20
3/2/55	14:15:00																							Second stage of eruption begins, preceded by several hours of widening cracks on roads in the vicinity; Macdonald and Eaton, 1964, p.20-21
3/4/55	14:32:00					kl uer		2.0	3.5	3.5	4.0	s (uwe)	2.29							2.29	nomo		e rift near Kilauea crater	VL 527, p. 5
3/5/55	7:30:00					kona?																II	Kalahiki-2, heard, not felt, another felt as sharp	not in VL 527-date and time from felt report; HVO unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/5/55	12:39:08	19	23.70	155	6.10	kl mer	2.0	10.0	20.5	19.8	22.1	st; m? (pahoa)	4.38	no record	<4.28	<3.9	<3.95			4.38	nomo	III	records at Whitney and Uwekahuna unreadable during first few hours of swarm; rift 4 km e Napau crater; felt-Hilo; Hilo-felt by many, slow and weak, dur 3 sec, many near quakes these days	closer to Pahoa?; VL 527, p. 5; HVO unpub
3/5/55	12:46:53	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	m (pahoa)	3.90	poor	no record	no trace	poor			3.90	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	12:48:37	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	m (pahoa)	3.90	poor	no record	no trace	no trace			3.90	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	12:53:21	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	s (pahoa)	3.40							3.40	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	12:53:44	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	st (pahoa)	4.17	poor	no trace	no trace	no trace			4.17	nomo		e rift Kalalua	closer to Pahoa?; VL 527, p. 5
3/5/55	12:54:43	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	m (pahoa)	3.90	poor	no record	no trace	no trace			3.90	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	12:58:26	19	23.70	155	6.10	kl mer	2.0	2.0	17.5	19.8	19.9	st (pahoa)	4.30	poor	4.73	4.70	4.95			4.79	hono		4 km w of Kalalua-largest quake of series; assume strong at Whitney (VL 527, p. 4, table); M (Whitney) >4.65	VL 527, p. 5
3/5/55	14:13:51	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	m (pahoa)	3.90	poor	no record	no trace	no trace			3.90	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	14:22:08	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	st (pahoa)	4.17	poor	no trace	no trace	no trace			4.17	nomo		e rift Kalalua	closer to Pahoa?; VL 527, p. 5
3/5/55	14:56:57	19	24.30	155	4.20	kl mer	2.0	2.0		23.6	23.7	s (uwe)	3.52							3.52	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	15:19:04	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	23.6	23.7	s (uwe)	3.52							3.52	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	15:29:40	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	23.6	23.7	s (uwe)	3.52							3.52	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	15:54:30	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	23.6	23.7	s (uwe)	3.52							3.52	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	16:11:23	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	m (pahoa)	3.90	poor	no record	no trace	no trace			3.90	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	17:00:01	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	23.6	23.7	s (uwe)	3.52							3.52	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	17:59:08	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	m (pahoa)	3.90	poor	no record	no trace	no trace			3.90	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	18:35:35	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	23.6	23.7	s (uwe)	3.52							3.52	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	19:44:00	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	23.6	23.7	s (uwe)	3.52							3.52	nomo		e rift Kalalua	VL 527, p. 5

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/5/55	20:08:14	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	23.6	23.7	s (uwe)	3.52							3.52	nomo		e rift Kalalua	VL 527, p. 5
3/5/55	23:29:15	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	23.6	23.7	s (uwe)	3.52							3.52	nomo		e rift Kalalua	VL 527, p. 5
3/6/55	5:24:47	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	m (pahoa)	3.90	poor	no record	no trace	no trace			3.90	nomo		e rift Kalalua; assume slight at Whitney (VL 527, p. 4, table); M (Whitney) = 3.65-4.13	VL 527, p. 5
3/6/55	9:58:37	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	s (pahoa)	3.40							3.40	nomo		e rift Kalalua; assume feeble at Whitney (VL 527, p. 4, table); M (Whitney) = 3.06-3.65	VL 527, p. 6
3/6/55	11:45:06	19	24.30	155	4.20	kl mer	2.0	2.0	13.5	16.4	16.5	st (pahoa)	>4.17	no trace	no trace	no trace	no trace			4.20	aver		e rift Kalalua; assume moderate at Whitney (VL 527, p. 4, table); M (Whitney) = 4.13-4.65; preferred mag minimum consistent with Hon, Pahoa and Whitney	closer to Pahoa?; VL 527, p. 6
3/6/55	12:47:45					kaoiki	5	5	1	1.0	5.1	s (ml)	2.59							2.59	nomo		near ml	VL 527, p. 6
3/6/55	23:59:00																							Second stage of eruption ends; Macdonald and Eaton, 1964, p.28
3/7/55	22:21:31	19	21.20	155	0.30	kl mer sf	10.0	10.0	18.0	16.8	19.6	st (pahoa)	>4.29	5.20	5.23	5.23	5.35	5.40	hvo (S&C)	5.32	aver	V (W&K) ; IV (S&C)	near Heiheiahulu; felt-s half Hawaii island; assume strong at Whitney (VL 527, p. 4, table); M (Whitney) >4.92; Note: a second strong quake listed in table on p. 4 inconsistent with Hon data; preferred mag average of Honolulu and HVO	strong at Whitney (M>4.92); location corrected to south coast of Kilauea 2 mi w of Kalapana (Macdonald and Eaton, 1964, p.146); VL 527, p. 6; detailed felt reports given in HVO unpub; mag not given in VL
3/7/55	22:43:50	19	21.20	155	0.30	kl mer sf	10.0	10.0		31.4	32.9	s (uwe)	3.75	no trace	no record	no trace	3.95			3.95	hono	IV	near Heiheiahulu; felt-Pahoa, Hilo, hnp; Hilo-felt by few, rapid and weak, doors rattled, felt in bed as sharp jolt	assume feeble at Whitney (VL 527, p. 4, table); M (Whitney) = 3.33-3.92; location corrected to south coast of Kilauea 2 mi w of Kalapana (Macdonald and Eaton, 1964, p.146); VL 527, p. 6; HVO unpub
3/7/55	22:57:38	19	21.20	155	0.30	kl mer sf	10.0	10.0	18.0	16.8	19.6	st (pahoa)	>4.29	<4.22	<4.42	3.78	4.27			4.02	hono	IV	near Heiheiahulu; felt-Pahoa, Hilo, hnp, Capt. cook; Hilo-3, felt by many, slow and moderate, dur 15 sec, windows, doors, dishes rattled; Capt. Cook (23:00)-2, v slight vibration, similar to 2225 quake but shorter and lighter, no window rattle	Honolulu amplitude average of two readings; strong at Whitney (VL 527, p. 4, table) yields M>4.92, slight?; location corrected to south coast of Kilauea 2 mi w of Kalapana (Macdonald and Eaton, 1964, p.146); closer to Pahoa?; VL 527, p. 6; HVO unpub
3/7/55	23:32:41	19	21.20	155	0.30	kl mer sf	10.0	10.0	18.0	16.8	19.6	st (pahoa)	>4.29	no trace	no record	det?	no trace			4.00	aver	III	near Heiheiahulu; felt-Pahoa, Hilo, hnp; Hilo-felt by few, slow and weak, door rattled, felt in bed, slightly, just one jolt; preferred mag average of Pahoa and Whitney	closer to Pahoa?; assume feeble at Whitney (VL 527, p. 4, table); M (Whitney) = 3.33-3.92; location corrected to south coast of Kilauea 2 mi w of Kalapana (Macdonald and Eaton, 1964, p.146); VL 527, p. 6 ; HVO unpub
3/7/55	23:59:00																							Subsidence of Kilauea's summit in response to lower east rift eruption; Macdonald and Eaton, 1964, p. 108
3/8/55	20:03:36					kl ler	5.0	5.0	7.0	7.0	8.6	s (pahoa)	2.95							2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa, 31 km from Whitney; if very feeble at Whitney (VL 527, p. 4, table); M (Whitney) = 2.14-3.36	VL 527, p. 6
3/8/55	23:59:00					kl ler		5.0	6.0	6.0	7.8	s? (pahoa)	2.88							3.32	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site (VL 527, p. 4, col. 1, bottom paragraph); 3 events (assume s at Pahoa); VL 527, p. 6
3/8/55	23:59:00					kl ler		5.0	6.0	6.0	7.8	f? (pahoa)	2.34							3.35	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site (VL 527, p. 4, col. 1, bottom paragraph); 13 events (assume f at Pahoa); VL 527, p. 6
3/8/55	23:59:00					kl ler		5.0	6.0	6.0	7.8	vf? (pahoa)	1.33							3.25	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site (VL 527, p. 4, col. 1, bottom paragraph); 130 events (assume vf at Pahoa); VL 527, p. 6
3/8/55	23:59:00					kl ler		5.0	6.0	6.0	7.8	t? (pahoa)	0.28							2.33	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site (VL 527, p. 4, col. 1, bottom paragraph); 180 events (assume t at Pahoa); VL 527, p. 6
3/9/55	9:16:55	19	21.20	154	58.50	kl mer sf	10.0	10.0	18.0	15.9	18.8	s (pahoa)	3.49							3.49	nomo		s coast of Kilauea near Kalapana; if feeble at Whitney (VL 527, p. 4, table); M (Whitney) = 3.39-3.98	VL 527, p. 6
3/9/55	21:08:30					kl mer sf?												3.80	int	3.80	int	IV	Hilo-felt by several, slow and weak, began gradually, dur 20 sec, windows/dishes rattled, house creaked, felt by students seated, not by most standing	not in VL; HVO unpub
3/9/55	23:59:00					kl ler		5.0	6.0	6.0	7.8	s? (pahoa)	2.88							3.59	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site (VL 527, p. 4, col. 1, bottom paragraph); 6 events (assume s at Pahoa); VL 527, p. 6
3/9/55	23:59:00					kl ler		5.0	6.0	6.0	7.8	f? (pahoa)	2.34							3.61	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site (VL 527, p. 4, col. 1, bottom paragraph); 25 events (assume f at Pahoa); VL 527, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/9/55	23:59:00					kl ler		5.0	6.0	6.0	7.8	vf? (pahoa)	1.33								3.51	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site (VL 527, p. 4, col. 1, bottom paragraph); 250 events (assume vf at Pahoa); VL 527, p. 6
3/9/55	23:59:00					kl ler		5.0	6.0	6.0	7.8	t? (pahoa)	0.28								2.56	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site (VL 527, p. 4, col. 1, bottom paragraph); 320 events (assume t at Pahoa); VL 527, p. 6
3/10/55	23:59:00					kl ler		5.0	6.0	6.0	7.8	f? (pahoa)	2.34								3.95	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site (VL 527, p. 4, col. 1, bottom paragraph); 60 events (assume f at Pahoa); VL 527, p. 6
3/10/55	23:59:00					kl ler		5.0	6.0	6.0	7.8	vf? (pahoa)	1.33								3.85	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site (VL 527, p. 4, col. 1, bottom paragraph); 600 events (assume vf at Pahoa); VL 527, p. 6
3/10/55	23:59:00					kl ler		5.0	6.0	6.0	7.8	t? (pahoa)	0.28								2.88	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site (VL 527, p. 4, col. 1, bottom paragraph); 725 events (assume t at Pahoa); VL 527, p. 6
3/11/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								4.02	calc		do	lower east rift earthquake swarm; 15 events; VL 527, p. 6
3/12/55	17:05:00																								Third stage of eruption begins, preceded by several hours of road cracking; Macdonald and Eaton, 1964, p.28-29
3/12/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								3.90	calc		do	lower east rift earthquake swarm; 11 events; VL 527, p. 6
3/12/55																									Earthquake swarm beneath Kilauea's summit begins, a delayed response to subsidence that began 3/7; Macdonald and Eaton, 1964, p. 109
3/13/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								3.82	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	renewal of earthquake swarm near eruption site; 9 events); VL 527, p. 6
3/14/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								3.66	calc		do	renewal of earthquake swarm near eruption site; 6 events; VL 527, p. 6
3/15/55	16:10:00					north hawaii																	felt	kamuela-4, slight, building shook slightly, windows rattled	not in VL 527-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/15/55	19:01:27					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater; if f at Whitney; VL 527, p. 4, table; M (Whitney) = 1.85-2.45	VL 527, p. 6
3/15/55	19:02:55					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater; if f at Whitney; VL 527, p. 4, table; M (Whitney) = 1.85-2.45	VL 527, p. 6
3/15/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								3.72	calc		do	renewal of earthquake swarm near eruption site; 7 events; VL 527, p. 6
3/16/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.98	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 9 events vf at Whitney; VL 527, p. 4, table
3/16/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10								0.92	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 8 events t at Whitney; VL 527, p. 4, table
3/16/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								3.50	calc		renewal of earthquake swarm near eruption site; preferred mag calculated as nomogram magnitude multiplied by number of events	lower east rift earthquake swarm; 4 events; VL 527, p. 6
3/17/55	1:00:52					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								3.43	nomo		Kilauea crater; if f at Whitney; VL 527, p. 4, table; M (Whitney) = 1.85-2.45	VL 527, p. 6
3/17/55	1:06:04					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater; if f at Whitney; VL 527, p. 4, table; M (Whitney) = 1.85-2.45	VL 527, p. 6
3/17/55	5:54:40					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater; if f at Whitney; VL 527, p. 4, table; M (Whitney) = 1.85-2.45	VL 527, p. 6
3/17/55	8:23:37					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater; if f at Whitney; VL 527, p. 4, table; M (Whitney) = 1.85-2.45	VL 527, p. 6
3/17/55	13:32:23					kl cal 0-5		2.0	3.0	3.0	3.6	m (uwe)	2.99								2.99	nomo		Kilauea crater; if m at Whitney; VL 527, p. 4, table; M (Whitney) = 2.93-3.44	VL 527, p. 6
3/17/55	13:35:37					kl cal 0-5		2.0	3.0	3.0	3.6	m (uwe)	2.99								2.99	nomo		Kilauea crater; if m at Whitney; VL 527, p. 4, table; M (Whitney) = 2.93-3.44	VL 527, p. 6
3/17/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								3.38	calc		do	lower east rift earthquake swarm; 3 events; VL 527, p. 6
3/18/55	9:54:30					kl cal 0-5		2.0	3.0	3.0	3.6	m (uwe)	2.99								2.99	nomo		Kilauea crater; if m at Whitney; VL 527, p. 4, table; M (Whitney) = 2.93-3.44	VL 527, p. 6

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/18/55	15:25:15					kl cal 0-5		2.0	3.0	3.0	3.6	m (uwe)	2.99								2.99	nomo		Kilauea crater; if m at Whitney; VL 527, p. 4, table; M (Whitney) = 2.93-3.44	VL 527, p. 6
3/18/55	22:43:03					kl cal 0-5		2.0	3.0	3.0	3.6	m (uwe)	2.99								2.99	nomo		Kilauea crater; if m at Whitney; VL 527, p. 4, table; M (Whitney) = 2.93-3.44	VL 527, p. 6
3/18/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								2.31	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 21 events vf at Whitney; VL 527, p. 4, table
3/18/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10								1.28	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 20 events t at Whitney; VL 527, p. 4, table
3/18/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								3.50	calc		do	lower east rift earthquake swarm; 4 events; VL 527, p. 6
3/19/55	12:09:40					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 527, p. 6
3/19/55	18:03:33					kl cal 0-5		2.0	3.0	3.0	3.6	m (uwe)	2.71								2.71	nomo		Kilauea crater; if s at Whitney; VL 527, p. 4, table; M (Whitney) = 2.45-2.93	VL 527, p. 6
3/19/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.98	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 9 events vf at Whitney; VL 527, p. 4, table
3/19/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10								0.92	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 8 events t at Whitney; VL 527, p. 4, table
3/19/55	23:59:00					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								3.72	calc		renewal of earthquake swarm near eruption site; preferred magnitude calculated as nomogram magnitude multiplied by number of events	lower east rift earthquake swarm; 7 events; VL 527, p. 6
3/20/55	18:10:42					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 527, p. 6
3/20/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.54	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 3 events vf at Whitney; VL 527, p. 4, table
3/20/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10								0.37	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 2 events t at Whitney; VL 527, p. 4, table
3/21/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.11	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 1 event vf at Whitney; VL 527, p. 4, table
3/21/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10								1.64	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 50 events t at Whitney; VL 527, p. 4, table
3/22/55	0:42:54					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 527, p. 6
3/22/55	20:46:27					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 527, p. 6
3/22/55	23:57:06					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater	VL 527, p. 6
3/22/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.11	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 1 event vf at Whitney; VL 527, p. 4, table
3/22/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10								1.64	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 50 events t at Whitney; VL 527, p. 4, table
3/23/55	0:01:21					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater	VL 527, p. 6
3/23/55	2:06:30					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 527, p. 6
3/23/55	3:42:12					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 527, p. 6
3/23/55	7:53:59					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater	VL 527, p. 6
3/23/55	12:08:52					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 527, p. 6
3/23/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.54	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 3 events vf at Whitney; VL 527, p. 4, table
3/23/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10								2.26	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 240 events t at Whitney; VL 527, p. 4, table
3/24/55	5:23:46					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 527, p. 6
3/24/55	6:56:11					kl cal 05-10		6.0	3.0	3.0	6.7	s-felt	3.10								3.10	nomo	III	Kilauea crater; hnp-3 sharp quakes rattled windows on e side of caldera	assume depth of 6 km; ; greater depth fits better with being felt and with modern caldera earthquake swarms which tend to get deeper with time; VL 527, p. 6; HVO unpub
3/24/55	6:59:27					kl cal 05-10		6.0	3.0	3.0	6.7	s-felt	3.10								3.10	nomo	III	do.	assume depth of 6 km; VL 527, p. 6; HVO unpub
3/24/55	7:05:32					kl cal 05-10		6.0	3.0	3.0	6.7	s-felt	3.10								3.10	nomo	III	do.	assume depth of 6 km; VL 527, p. 6; HVO unpub

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/24/55	10:27:38					kl cal 05-10		6.0	3.0	3.0	6.7	s-felt uwe	2.90								2.90	nomo	III	Kilauea crater; hnp-slight quake felt at v-house, dismantle e-w Bosch-Omori	assume depth of 6 km; VL 527, p. 6; HVO unpub
3/24/55	11:02:26					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 527, p. 6
3/24/55	18:22:59					kl cal 0-5		2.0	3.0	3.0	3.6	m (uwe)	2.71								2.71	nomo		Kilauea caldera	VL 527, p. 6
3/24/55	23:26:20					kl cal 10-20	20.0	20.0	5.0	5.0	20.6	s (uwe)	3.43								3.43	nomo	II	Kilauea caldera; Hilo-felt by few lying down, weak, dur 4 sec, very slight local quake	VL 527, p. 6; HVO unpub
3/24/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								1.38	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 2 events vf at Whitney; VL 527, p. 4, table
3/24/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10								2.05	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 140 events t at Whitney; VL 527, p. 4, table
3/25/55	4:27:33					kl cal 0-5		2.0	3.0	3.0	3.6	m (uwe)	2.71								2.71	nomo		Kilauea caldera	VL 527, p. 6
3/25/55	5:42:49					kl cal 0-5		2.0	3.0	3.0	3.6	m (uwe)	2.71								2.71	nomo		Kilauea caldera	VL 527, p. 6
3/25/55	6:26:10					kl ler		5.0	7.0	7.0	8.6	s (pahoa)	2.95								2.95	nomo		e rift near Pahoa; assume 7 km from Pahoa	VL 527, p. 6
3/25/55	7:13:23					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater	VL 527, p. 6
3/25/55	7:34:28					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater	VL 527, p. 6
3/25/55	7:40:42					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater	VL 527, p. 6
3/25/55	7:41:24					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater	VL 527, p. 6
3/25/55	8:07:08					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater	VL 527, p. 6
3/25/55	8:54:49					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater	VL 527, p. 6
3/25/55	8:55:19					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater	VL 527, p. 6
3/25/55	20:17:00	19	30.50	155	16.00	kl gln deep	40.0	40.0		13.2	42.1	vf (ml)	2.49								2.49	nomo		10 km north of Kilauea caldera	VL 527, p. 6
3/25/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								2.09	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 12 events vf at Whitney; VL 527, p. 4, table
3/25/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10								2.60	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 570 events t at Whitney; VL 527, p. 4, table
3/26/55	6:34:08	19	30.50	155	16.00	kl gln deep	50.0	50.0		13.2	51.7	vf (ml)	2.64								2.64	nomo		10 km north of Kilauea caldera	VL 527, p. 6
3/26/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								2.35	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 23 events vf at Whitney; VL 527, p. 4, table
3/26/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10								2.86	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 1080 events t at Whitney; VL 527, p. 4, table
3/26/55	23:59:00					kl gln deep	45.0	45.0	7.0	7.0	45.5	vf (ml)	2.55								3.89	calc		deep Glenwood earthquake swarm; preferred magnitude calculated as nomogram magnitude multiplied by number of events	deep earthquake swarm north of Kilauea caldera; assume 30 events (vf at ml) on 3/25-27; VL 527, p. 6
3/26/55	23:59:00					kl gln deep	45.0	45.0	7.0	7.0	45.5	t (ml)	1.51								3.53	calc		do	deep earthquake swarm north of Kilauea caldera; assume 167 events (t at ml) on 3/25-27; VL 527, p. 6
3/27/55	9:23:43					kl cal 0-5		2.0	3.0	3.0	3.6	st	3.44		no trace	no trace	no trace	no trace			3.44	nomo	felt	Kilauea crater; felt-volcano	VL 527, p. 6
3/27/55	16:02:20					kl cal 05-10?		6.0	3.0	3.0	6.7	st	3.87		no trace	no trace	no trace	no trace			3.87	nomo	VI; VI (S&C); VII (W&K)	Kilauea crater; felt strongly-volcano, hnp; water lines broken and road cracks in hnp; hnp/volcano-felt strongly, broke waterlines, cracked road; Warshauer notes: repeats VL	VL 527, p. 6; HVO unpub; HTH, 3/28/1955
3/27/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								2.02	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 10 events vf at Whitney; VL 527, p. 4, table
3/27/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10								2.53	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 470 events t at Whitney; VL 527, p. 4, table
3/28/55	14:31:00					hilea?																	III	Pahala-5, felt generally, heard as well as felt, movement acc by rumbling	not in VL 527-date and time from felt report; HVO unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/28/55	20:39:00					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22								2.22	nomo		Kilauea crater	VL 527, p. 6
3/28/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12								2.56	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 3 events f at Whitney; VL 527, p. 4, table
3/28/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11								2.38	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 25 events vf at Whitney; VL 527, p. 4, table

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/28/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10							2.28	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 250 events t at Whitney; VL 527, p. 4, table
3/29/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							2.18	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 15 events vf at Whitney; VL 527, p. 4, table
3/29/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10							2.08	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 150 events t at Whitney; VL 527, p. 4, table
3/30/55	13:41:31	19	20.3	155	41.0	ml swr				32.3	33.5	m (naalehu)	4.15	no trace	no trace	no trace	no trace			4.15	nomo			closer to Naalehu?; VL 527, p. 6
3/30/55	16:57:23					kl cal 0-5		2.0	3.0	3.0	3.6	m	3.17							3.17	nomo		Kilauea crater	VL 527, p. 6
3/30/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							2.02	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 10 events vf at Whitney; VL 527, p. 4, table
3/30/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10							1.92	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 100 events t at Whitney; VL 527, p. 4, table
3/31/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.66	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 4 events vf at Whitney; VL 527, p. 4, table
3/31/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10							1.55	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 40 events t at Whitney; VL 527, p. 4, table
4/1/55	4:24:28	19	24.30	155	17.70	kl cal deep	10.0	30.0	4.5	2.1	30.1	st (uwe)	4.46	4.75	4.78	5.13	5.33	5.20	hvo	5.10	aver	V; V (W&K; S&C)	south rim of Kilauea crater; felt generally-Hawaii island; few on Maui, Oahu; detailed felt reports in HVO unpub; Warshauer notes: Hilo, Kona seismometers dismantled; felt Kona, Kau, Hilo. Pahoa, volcano, Glenwood-Mt. view; objects off shelves at Kapapala	depth changed to 30 km in accordance with similar felt reports over a broad area of Hawaii island; VL 528, p. 5; HVO unpub; HTH, 4/1/1955; mag not published in VL; preferred mag average of Honolulu and HVO
4/1/55	4:35:00					kl cal deep?		30.0		2.1	30.1	f?	3.60							3.60	nomo	IV	aftershock; Pahala-5, windows rattled, house swayed gently, a weak follow-up to previous event	not in VL; date and time from felt report (HVO unpub)
4/1/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 1 event f at Whitney; VL 527, p. 4, table
4/1/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.93	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 8 events vf at Whitney; VL 527, p. 4, table
4/1/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10							1.83	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 80 events t at Whitney; VL 527, p. 4, table
4/2/55	5:09:24					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22							2.22	nomo		Kilauea crater	VL 528, p. 5
4/2/55	6:37:56					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22							2.22	nomo		Kilauea crater	VL 528, p. 5
4/2/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 1 event f at Whitney; VL 527, p. 4, table
4/2/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							1.88	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 7 events vf at Whitney; VL 527, p. 4, table
4/2/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10							1.77	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 70 events t at Whitney; VL 527, p. 4, table
4/3/55	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10							1.01	calc		preferred mag calculated as nomogram magnitude multiplied by number of events	Earthquake swarm associated with subsidence of Kilauea's summit in response to the 1955 eruption; assume 10 events t at Whitney; VL 527, p. 4, table
4/4/55	13:28:44					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22							2.22	nomo		Kilauea crater	VL 528, p. 5
4/4/55	13:34:14					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22							2.22	nomo		Kilauea crater	VL 528, p. 5
4/6/55	14:33:35					kl cal 0-5		2.0	3.0	3.0	3.6	m (uwe)	2.71							2.71	nomo		near Kilauea crater	VL 528, p. 5
4/6/55	15:59:34					kl cal 0-5		2.0	3.0	3.0	3.6	m (uwe)	2.71							2.71	nomo		near Kilauea crater	VL 528, p. 5
4/7/55	1:27:22					kl cal deep	25.0	25.0	15.0	15.0	29.2	s (uwe)	3.93	<3.90	<4.12	<3.75	4.25			4.25	hono		Hilina pali	Honolulu amplitude average of two readings; VL 528, p. 5
4/7/55	15:48:54					kl cal 0-5		2.0	5.0	5.0	5.4	s (uwe)	2.49							2.49	nomo		near Kilauea crater	VL 528, p. 5
4/7/55	18:30:00																							Third stage of eruption ends; Macdonald and Eaton, 1964, p.60
4/9/55	18:08:30					kl cal 0-5		2.0	5.0	5.0	5.4	m (uwe)	2.99							2.99	nomo		near Kilauea crater	VL 528, p. 5

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
4/10/55	9:45:02	19	18.50	155	24.00	kl swr	15.0	5.0	16.0	17.1	17.8	f (uwe)	2.78							2.78	nomo		SW rift Ponohohoa chasms	VL 528, p. 5
4/12/55	8:25:44	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	m	3.24	no trace	no trace	no trace	no trace			3.24	nomo	felt	e rim Kilauea crater; felt-hnp	VL 528, p. 5
4/12/55	12:49:56	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	m	3.24							3.24	nomo	felt	e rim Kilauea crater; felt-hnp	VL 528, p. 5
4/22/55	5:47:16					kl ler	5.0	5.0	6.0	6.0	7.8	m (pahoa)	3.38	no trace	no trace	no trace	no trace			3.38	nomo	III	e rift near Pahoa; Warshauer notes: dismantled Pahoa seismograph at 5:57 a.m. [time off?], first time since eruption stopped two weeks ago.	assume 6 km from Pahoa; VL 528, p. 5; HTH, 4/22/1955
4/23/55	7:33:51	19	27.6	155	22.5	kaoiki	15	15	6	3.9	15.5	m (ml)	4.13	no trace	no trace	no trace	no trace			4.13	nomo	felt	10 km n of halfway house; felt-Hilo, hnp, Naalehu; Hilo-felt by two; Naalehu-felt by one	numerals-in remarks column refer to HVO postcards]
4/24/55	9:06:19	19	24.9	155	22.5	kaoiki	25	25	11	8.7	26.5	s-felt (uwe)	3.60	no trace	no trace	no trace	no trace			3.60	nomo	felt	5 km n of halfway house; felt-Hilo, Pahoa, volcano	VL 528, p. 5
4/24/55	13:19:08					kl cal 0-5		2.0	5.0	5.0	5.4	m (uwe)	2.99							2.99	nomo	felt	Kilauea crater; felt-hnp; hnp-felt	VL 528, p. 5; HVO unpub
4/24/55	15:00:00																							Fourth stage of eruption begins; Macdonald and Eaton, 1964, p.61
4/25/55	9:07:00					kl sf?					30.0	vf?	3.33							3.33	nomo	IV	volcano-felt, also at Pahoa, Kulani and Wailea (rattled windows)	date and time from felt report; not in VL 528; HVO unpub
5/3/55	12:40:00					kona?																III	Kalahiki-4, pictures crashed	not in VL 528-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/8/55	16:01:57	19	16.80	155	15.50	kl kuer sf	10.0	10.0	16.5	16.4	19.2	m (uwe)	3.87	no trace	no trace	no trace	no trace			3.87	nomo	felt	Puu Kapukapu, felt-Pahoa,; Pahoa-felt; Pepeekeo-felt; Hilo-felt, moderate	VL 528, p. 5; HVO unpub
5/9/55	5:44:51	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	s	2.75							2.75	nomo	felt	e rim Kilauea crater, felt-hnp; hnp-felt	VL 528, p. 5; HVO unpub
5/9/55	9:35:38	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	s-felt	2.75							2.75	nomo	III	e rim Kilauea crater, felt-hnp; hnp-short, sharp distinct	VL 528, p. 5; HVO unpub
5/11/55	9:06:53					kl cal 0-5		2.0	5.0	5.0	5.4	m (uwe)	2.99							2.99	nomo		near Kilauea crater	VL 528, p. 5
5/12/55	10:30:40					kl cal 0-5		2.0	5.0	5.0	5.4	s	2.95							2.95	nomo		near Kilauea crater	VL 528, p. 5
5/14/55	10:34:23					kl cal 0-5		2.0	5.0	5.0	5.4	s (uwe)	2.49							2.49	nomo		near Kilauea crater	VL 528, p. 5
5/15/55	2:42:23					kl cal deep	40.0	30.0		0.0	30.0	f (uwe)	3.14							3.14	nomo		Kilauea crater	VL 528, p. 5
5/16/55	23:26:17					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22							2.22	nomo		Kilauea crater	VL 528, p. 5
5/23/55	1:40:47					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22							2.22	nomo		Kilauea crater	VL 528, p. 5
5/26/55	11:15:00																							eruption that began on 2/28/1955 ends; Macdonald and Eaton, 1964, p.79
5/29/55	5:34:11					kl cal 0-5		2.0	5.0	5.0	5.4	m (uwe)	2.99							2.99	nomo		near Kilauea crater	VL 528, p. 5
6/1/55	1:59:50	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	m	3.24							3.24	nomo		e rim Kilauea crater	VL 528, p. 5
6/1/55	3:50:50	19	24.00	155	16.00	kl cal 0-5		2.0	3.0	3.5	4.0	m	3.24							3.24	nomo		e rim Kilauea crater	VL 528, p. 5
6/5/55	17:02:11	19	11.3	155	28.7	hilea deep	75	75	20	18.0	77.1	vf (naalehu)	2.91	no trace	no trace	no trace	no trace			2.91	nomo		felt at Pahala	VL 528, p. 5
6/12/55	21:15:56					kaoiki	15	15	1	1.0	15.0	s-felt (ml)	3.60	no trace	no trace	no trace	2.94			3.27	aver	IV	near ml seismometer; felt-Pahala, Naalehu, volcano; preferred magnitude calculated as average of Honolulu and nomogram; hnp-felt; Naalehu-felt by several; Pahala-5, rattled windows, not of long duration	VL 528, p. 5; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/14/55	14:29:35					kaoiki	15	15	1	1.0	15.0	s (ml)	3.11	no trace	no trace	no trace	no trace			3.11	nomo	felt	do; no felt report	VL 528, p. 5
6/27/55	3:51:27					kl ler	5.0	5.0	6.0	6.0	7.8	s-felt (pahoa)	2.88							2.88	nomo	felt	e rift near Pahoa; assume 6 km from Pahoa; Glenwood-felt	VL 528, p. 5; HVO unpub
6/29/55	7:11:00					kohala?																III	Kamuela-5, moderately sharp, short duration, windows rattled slightly	not in VL 528-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/3/55	10:40:18					kl cal 0-5		2.0	3.0	3.0	3.6	s (uwe)	2.22							2.22	nomo		Kilauea crater	VL 529-530, p. 12
7/10/55	14:34:49	19	18.30	155	11.20	kl kuer sf		10.0	17.0	17.3	20.0	s (uwe)	3.41							3.41	nomo		5 km n of Apua pt	VL 529-530, p. 12
7/23/55	11:27:16	19	21.50	155	10.50	kl mer		5.0	14.0	14.4	15.3	m (uwe)	3.71	no trace	no trace	no trace	no trace			3.71	nomo	felt	just s of Makaopuhi crater, felt-Hilo; Hilo-felt by several	VL 529-530, p. 12; HVO unpub
7/23/55	22:03:17					kl ler	5.0	5.0	6.0	6.0	7.8	m (pahoa)	3.38	no trace	no trace	no trace	no trace			3.38	nomo		e rift near Pahoa	assume 6 km from Pahoa; VL 529-530, p. 12
7/25/55	7:50:34	19		155	10.00	kl kuer sf os		10.0		44.8	45.9	f (naalehu)	3.57							3.57	nomo			VL 529-530, p. 12
7/27/55	2:58:00	19	44.0	156	3.8	hualalai			27	28.8	30.2	s-felt (kona)	3.92	no trace	no trace	no trace	3.53			3.72	aver	IV	Keahole pt; felt-NW 1/3 Hawaii island; Kealakekua 3, Kainaliu-v light, shook more in s Kona; Capt. Cook-3, jerk, then slight sway; Kamuela-5, slight/short, rattled windows; Kalahiki-2; preferred magnitude calculated as average of Honolulu and nomogra	VL 529-530, p. 12; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/5/55	2:33:00					kona?																II	Kalahiki-2	not in VL 529-530-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M MS E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/7/55	7:17:44	20	3.7	155	39.0	kohala	40	40	5	5.0	40.3	st (kamuela)	4.79	5.25	5.33	5.06	light trace			5.21	hono	V; V (S&C)	5 km NE of Kamuela; felt-entire Hawaii island, Maui, Oahu; Hilo-2, felt by many awake, weak, dur 3 sec, windows rattled; Kealakekua-5, buildings/windows shook; Olaa-gentle rolling; volcano-several felt; Pahala/Hakalau-good jolt; Waimea-strongest in 15 yr	VL 529-530, p. 12; additional felt reports in HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/9/55	21:33:25					kl gln deep	60.0	60.0	5.0	5.0	60.2	vf (uwe)	2.61							2.61	nomo		deep earthquake swarm north of Kilauea caldera; This is the largest of several hundred quakes originating in the same region on Aug. 9 and 10.	assume 5 km from uwe; VL 529-530, p. 12
8/10/55	23:59:00					kl gln deep	60.0	60.0	5.0	5.0	60.2	vf (uwe)	2.61							3.46	calc		preferred magnitude calculated as Richter distribution	600 events (assume vf at Uwekahuna, 5 km from Uwekahuna, M<2.6 with b = 1.5) between 11:00 8/9 and midnight 8/10; VL 529-530, p. 11
8/14/55	2:28:05	19	18.60	155	17.40	kl cal deep	25.0	25.0	15.0	12.7	28.0	st (uwe)	4.41	6.11	5.97	5.73	5.50	6, 5.7	W&K; hvo	5.84	aver	VI; VI (S&C)	Hilina fault s of HVO; felt over entire island of Hawaii, on Maui, Oahu and by a few persons on Kauai; detailed felt report in HVO unpub; Warshauer notes: dur 5 min, felt only few sec; cracked paint, plaster fall, articles from shelves at Kapapala	Isoseismal map in W&K; VL 529-530, p. 12; HVO unpub; HTH, 8/14/1955; HVO mag not published; preferred mag calculated as average of Hon, HVO and W&K
8/19/55	17:26:00					kl cal 0-5?																felt	volcano-felt	not in VL; date and time from felt report (HVO unpub)
8/29/55	2:35:00					kl cal 0-5?																felt	hnp-felt	not in VL; date and time from felt report (HVO unpub)
8/29/55	2:40:00					kl cal 0-5?																felt	hnp-felt	not in VL; date and time from felt report (HVO unpub)
9/6/55	23:45:00					kl ler?																felt	three small tremors followed by a quake at Nanawale ranch	not in VL; date and time from felt report (HVO unpub)
9/19/55	14:01:54					kl ler	5.0	5.0	6.0	6.0	7.8	s (pahoa)	2.88							2.88	nomo		e rift near Pahoa	assume 6 km from Pahoa; VL 529-530, p. 12
9/20/55	23:50:00					kona?																III	Kalahiki-3, pictures creaked	not in VL 529-530-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/21/55	9:03:00					kl cal 0-5?																II	hnp-felt by several, short sharp bump from below, no swaying	not in VL; date and time from felt report (HVO unpub)
9/26/55	2:16:00	19	13.0	155	44.7	ml swr			23	23.9	25.6	st (naalehu)	4.48	no trace	no trace	3.92	4.35			4.13	hono	IV	SW rift near Puu Keokeo; felt-SW half Hawaii island; Kapapala-felt strongly; Naalehu-felt quite strongly; Kalapana-felt; hnp-felt; Kalahiki-3	VL 529-530, p. 12; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/12/55	0:41:42					kl cal deep	25.0	25.0	3.0	3.0	25.2	s-felt (uwe)	3.57							3.57	nomo	felt	Kilauea crater; felt-volcano; felt-hnp/volcano, sharp	VL 529-530, p. 13; HVO unpub
10/24/55	16:34:00					hilea?												3.80	int	3.80	int	IV	Pahala-5, shook windows, short; hnp-felt	not in VL 529-530-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/24/55	17:16:53					kohala	25	25	2	2.0	25.1	s (kamuela)	3.47	no trace	no trace	no trace	no trace			3.47	nomo	IV	near Kamuela; Kamuela-4, slight rumble, very moderate, dur 3-5 sec, buildings shook, rattled windows; Umikoa-felt	VL 529-530, p. 13; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/24/55	23:45:00					north hawaii																felt	Kamueala-slight, loud noise, dur short	not in VL 529-530-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/26/55	16:55:45	19	29.4	155	35.0	ml mok			20.5	20.3	22.2	st (ml)	4.38	4.45	4.59	4.57	4.60			4.55	hono	V (W&K)	NE end of Mokuaweoweo; felt-hnp; volcano-felt throughout, gentle slow motion of dur 30 sec	numerals-in remarks column refer to HVO postcards]
10/29/55	22:07:00					east hawaii?																II	Hilo-2, felt by several, weak, dur 2 sec	not in VL; date and time from felt report (HVO unpub)
11/2/55	10:36:44					kl cal deep	15.0	30.0	4.0	4.0	30.3	s-felt (uwe)	3.69	no trace	no trace	no trace	no trace			3.69	nomo	felt	e rift near Kilauea crater; felt-volcano, Pahoa, Hilo; Hilo-felt by several, rapid, moderate, dur 2 sec, house creaked, rattling of windows and small objects; Pahoa-felt strongly; volcano-felt	mag agreement ok with felt reports if assume 30 km rather than 15 km depth; VL 529-530, p. 13; HVO unpub
11/3/55	13:20:00					hilea?					40.0	vf-felt?	2.78							2.78	nomo	felt	naalehu-felt	not separately listed in VL 529-530, class from table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/4/55	10:30:00					hilea?					40.0	t-felt?	2.31							2.31	nomo	felt	naalehu-felt	not separately listed in VL 529-530, class from table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
11/4/55	13:25:00					hilea?					40.0	t-felt?	2.31							2.31	nomo	felt	naalehu-felt	not separately listed in VL 529-530, class from table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/4/55	16:20:00					hilea?					40.0	t-felt?	2.31							2.31	nomo	felt	naalehu-felt	not separately listed in VL 529-530, class from table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/4/55	18:03:00					hilea?					40.0	t?	2.31							2.31	nomo	felt	naalehu-felt	not separately listed in VL 529-530, class from table; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/13/55	8:16:24					kona			2	2.0	9.2	st (kona)	4.09	<4.05	no trace	<3.49	no record			3.50	nomo	IV	near Kealakekua; felt-central Kona; Kalahiki-3; Kealakekua-quite strong and long, followed by light shake 2 min after, not felt at Honokahau; Capt. Cook-v strong, start w sharp waves, followed by 2nd, light	VL 529-530, p. 13; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/16/55	21:20:00					kl ler?												3.80	int	3.80	int	IV	Nanawale ranch (Puna)-short sharp quake acc by rumble, rattled windows, movement lateral, not an upthrust as preceding eruption, not felt at Pahoa, felt by one in Kapoho	not in VL; date and time from felt report (HVO unpub)
11/21/55	14:59:54	19	26.00	155	16.30	kl cal 0-5		2.0	3.0	1.2	2.3	s-felt	2.62							2.62	nomo	felt	NE rim Kilauea crater; felt-hnp	VL 529-530, p. 13
11/29/55	20:15:20					kl ler	5.0	5.0	6.0	6.0	7.8	f (pahoa)	2.34							2.34	nomo	felt	e rift near Pahoa; Pahoa-felt	assume 6 km from Pahoa; VL 529-530, p. 13; HVO unpub
12/7/55	15:30:00					hualalai?																felt	Honokahau-felt, not in Kealakekua or captain cook	not in VL 529-530-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/12/55	12:33:12					kl gln deep	45.0	45.0	7.0	7.0	45.5	t-uwe; vf (ml)	2.55							2.55	nomo		Kilauea crater; this is one of the largest of about 200 quakes stemming from this focus on Dec. 12 and 13.	VL 529-530, p. 13
12/13/55	23:59:00					kl gln deep	45.0	45.0	7.0	7.0	45.5	t	1.51							3.58	calc		deep Glenwood earthquake swarm; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 200 events from December 12 to 13/1955; assume 188 t at Mauna Loa; VL 529-530, p. 13
12/13/55	23:59:00					kl gln deep	45.0	45.0	7.0	7.0	45.5	t	1.86							2.81	calc		deep Glenwood earthquake swarm; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 200 events from December 12 to 13/1955; assume 11 t at Whitney; VL 529-530, p.12, table, 13
12/26/55	14:23:34	21	12.0	157	0.0	molokai			110	92.7	93.2	vf-felt (haleakala)	3.12	4.26	4.13	3.20	3.25			3.55	hono	felt	n coast of Molokai; felt-Oahu; preferred mag is average of Honolulu readings with Milne-Shaw given half weight	VL 529-530, p. 13
12/28/55	18:02:25	19	25.80	155	16.60	kl cal 0-5		2.0	2.0	1.7	2.6	m	2.94							2.94	nomo	felt	n rim Kilauea crater; felt-hnp	VL 529-530, p. 13
12/30/55	2:55:00					kona?																III	Kealakekua-very light, windows on south side rattled	not in VL 529-530-date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/1/56																								Note: Beginning in 1956 the quarterly summaries report only earthquakes recorded as "slight" or greater; through 1955 the VL reports all quakes recording as "tremor" or greater.
1/1/56																								report only earthquakes recorded as "slight" or greater
1/6/56	23:49:00					kl ler?																III	east Puna-sharp quake, like bump from beneath	not in Macdonald and Eaton, 1956a; date and time from felt report (HVO unpub)
1/7/56	0:02:00					kl ler?																III	east Puna-sharp quake, like bump from beneath	not in Macdonald and Eaton, 1956a; date and time from felt report (HVO unpub)
1/7/56	18:03:00					kl ler?		5.0	6.0	6.0	7.8	m? (pahoa)	3.38							3.38	nomo		Kimura (Pahoa) called to say e-w seismograph component dismantled	not in Macdonald and Eaton, 1956a; date and time from felt report (HVO unpub)
1/9/56	5:02:55	19	25.2	155	17.00	kl cal 05-10		8.0		1.1	8.1	s (uwe)	2.78							3.50	nomo		near Kilauea crater	Macdonald and Eaton, 1956a
1/13/56	2:24:00					kl ler?																II?	ranch-very feeble quake	not in Macdonald and Eaton, 1956a; date and time from felt report (HVO unpub)
1/13/56	2:34:00					kl ler?																felt	ranch-felt as very feeble quake	not in Macdonald and Eaton, 1956a; date and time from felt report (HVO unpub)
1/17/56	12:15:00					hilea?																felt	#NAME?	from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/29/56	23:20:00					east hawaii?																III	Hilo-short, sharp jolt	not in Macdonald and Eaton, 1956a; date and time from felt report (HVO unpub)
2/5/56	7:21:03	19	22.0	155	23.0	kaoiki				11.5	14.6	s-felt (uwe)	3.44							3.44	nomo	felt	Kaoiki fault near halfway house; felt-hnp; felt at hnp and Pahala	Macdonald and Eaton, 1956a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/18/56	16:40:00					east hawaii?																III	hnp/volcano-felt as sharp quake; Wailea-hanging objects swayed	not in Macdonald and Eaton, 1956a; date and time from felt report (HVO unpub)
2/18/56	17:02:50	19	25.0	155	21.0	kaoiki				6.1	10.9	m (uwe)	3.48							3.48	nomo	felt	Kaoiki fault w of Kilauea crater; felt-hnp	Macdonald and Eaton, 1956a
2/19/56	23:30:00					kl ler?																felt	Puna ()-felt	not in Macdonald and Eaton, 1956a; date and time from felt report (HVO unpub)
3/3/56	21:49:35	19	19.2	155	16.80	kl kuer sf	10.0	10.0	10.0	12.5	16.0	m	3.96	no record	<4.32	no record	<3.85			3.96	nomo	IV	10 km s of Kilauea crater; felt-hnp, Olaa, Hilo; hnp/volcano-felt generally; Olaa-felt; Hilo-felt; Keauhou ranch-felt strongly; Hilo-2 to 3, felt by many, rapid, weak, dur 4 sec, windows rattled	Macdonald and Eaton, 1956a; HVO unpub
3/9/56	13:35:00	19	26.0	155	16.30	kl cal 05-10?		8.0	2.0	1.2	8.1	s-felt	3.49							3.49	nomo	felt	NE rim of Kilauea crater; felt-hnp	Macdonald and Eaton, 1956a; farther from Whitney or deeper; kcal 5-10? or deeper if catalog mag is correct
3/10/56	1:58:07	19	53.4	155	1.7	mauna kea os	40	40		20.0	44.7	s-felt (hilo)	4.17	<3.92	<3.92	<3.47	4.27			4.27	hono	felt	offshore 20 km ENE of Hilo; felt-Hilo, Glenwood; felt in Glenwood and by several in Hilo; preferred mag average of Honolulu and nomogram	average of two readings; Macdonald and Eaton, 1956a ; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/14/56	23:15:00					kona?																II	Capt. Cook--short, sharp quake	from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/29/56	15:53:27	19	27.0	154	57.00	kl ler		10.0	6.0	4.9	11.1	m (pahoa)	3.90							3.90	nomo	felt	e rift south of Pahoa; felt-Pahoa	Macdonald and Eaton, 1956a; deeper or farther from Pahoa if cat mag is correct; ler sf?
4/5/56	18:48:21	19	19.2	155	16.80	kl kuer sf	15.0	10.0	14.0	12.5	16.0	s	3.71							3.71	nomo		10 km s of Kilauea crater	Macdonald and Eaton, 1956b
4/7/56	8:30:57	19	30.0	155	23.0	kaoiki	10	10		1.2	10.1	s (ml)	3.06							3.06	nomo		near ml seismometer	Macdonald and Eaton, 1956b
4/15/56	19:09:20	19	54.0	156	7.0	kohala os	15	15		48.8	51.1	m (kamuela)	4.45	no trace	no trace	no trace	3.97			3.97	hono	IV	20 km NNW of Keahole pt; felt-Honokaa; Kealakekua-5, very fast and quite strong; Kukuihaele-4, shook buildings, also felt in Honokaa; Hakalau-not strong, house shook; preferred magnitude calculated as average of nomogram and Honolulu	Macdonald and Eaton, 1956b; additional felt reports in HVO, unpub
4/19/56	23:59:00					kl gln deep	45.0	45.0	9.0	9.0	45.9												A small swarm of earthquakes about 45 km beneath Kilauea caldera on April 18 and 19	earthquake swarm; not enough information to calculate magnitude; Macdonald and Eaton, 1956b, p. 1
4/30/56	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11										a sequence of tiny, shallow earthquakes in or near Kilauea caldera between April 24 and 30	earthquake swarm; not enough information to calculate magnitude; Macdonald and Eaton, 1956b
5/13/56	21:53:36	20	47.0	155	17.0	maui east	20	20		94.1	96.2	m (kamuela)	4.89	4.76	4.37	4.04	4.29	4.5	hvo	4.62	aver	V; V (S&C)	felt-hnp to Honolulu, Oahu; Kamuela-5, dur 3 sec, vigorous shaking of house, gradual diminishing; hnp-felt by few; volcano-felt by one; preferred mag average of Honolulu (wt 2) HVO, and nomogram	Latitude given as 20°17' [misprint?]; Macdonald and Eaton, 1956b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]; HVO magnitude not published
5/21/56	1:06:30	20	6.7	155	46.7	kohala	30	30	15	15.0	33.5	s (kamuela)	3.67							3.67	nomo		15 km NW of Kamuela	Macdonald and Eaton, 1956b
5/27/56	15:41:00	19	25.0	155	26.0	kaoiki	5	5	10.5	9.5	10.7	st (ml)	3.87	4.15	4.39	4.11	4.31			4.24	hono	IV	5 km n of Ainapo; felt strongly-Kapapala; also from Kealakekua to Hilo; Hilo-2, felt by several, rapid, short, dur 2 sec, windows/doors rattled; Kapapala, sharp vertical bump followed by jiggling; volcano-jolt followed by sway; Hilo-felt slightly	Macdonald and Eaton, 1956b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/7/56	0:35:58	19	30.0	155	56.0	kona	5	5	4	2.1	5.4	m (kona)	3.45							3.45	nomo	felt	near Kealakekua; felt-Kealakekua	assume 5 km depth; Macdonald and Eaton, 1956b
6/14/56	15:09:55	19	33.0	155	56.0	kona	5	5	7	4.4	6.6	st (kona)	3.87	no trace	<3.81	<3.79	3.55			3.71	hono	III	several km n of Kealakekua; felt-all Kona to hnp; Kealakekua-strong, pictures in house all tilted mauka and makai; preferred mag average of Honolulu and nomogram	Macdonald and Eaton, 1956b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/24/56	15:30:59	19	30.0	155	23.0	kaoiki	15	15	2	1.2	15.0	s (ml)	3.34	no trace	no trace	no trace	no trace			3.34	nomo		near ml seismometer	Macdonald and Eaton, 1956b
6/24/56	15:31:38	19	30.0	155	23.0	kaoiki	15	15	2	1.2	15.0	s (ml)	3.34	no trace	no trace	no trace	no trace			3.34	nomo		near ml seismometer	Macdonald and Eaton, 1956b
6/30/56	23:59:00					kl gln deep	45.0	45.0	5.0	5.0	45.3	t	1.51							3.60	calc		several hundred very tiny earthquakes from deep beneath Kilauea caldera; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 200 events (assume t at Mauna Loa); Macdonald and Eaton, 1956b, p. 2

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N-L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
6/30/56	23:59:00					kl gln deep	45.0	45.0	9.0	9.0	45.9	t	1.87							3.68	calc		several hundred very tiny earthquakes from deep beneath Kilauea caldera; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 100 events (assume t at Uwekahuna); Macdonald and Eaton, 1956b, p. 1-2
7/26/56	1:40:45	19	10.0	155	45.0	ml swr			20	20.8	22.6	m (naalehu)	4.12	det.	no trace	no trace	3.75			3.94	aver	felt	SW rift; 5 km SW of Puu; felt-Kona; preferred magnitude calculated as average of nomogram and Honolulu	assume 5 km depth; Eaton and Fraser, 1956a
7/29/56	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.12	calc		shallow Kilauea caldera earthquake swarm during the last week of July; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 1 event at Whitney (f); Eaton and Fraser, 1956a, p. 1
7/29/56	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							2.09	calc		shallow Kilauea caldera earthquake swarm during the last week of July; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 12 events at Whitney (vf); Eaton and Fraser, 1956a, p. 1
7/29/56	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10							1.22	calc		shallow Kilauea caldera earthquake swarm during the last week of July; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 17 events at Whitney (t); Eaton and Fraser, 1956a, p. 1
7/29/56	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t (uwe)	-0.36							1.47	calc		shallow Kilauea caldera earthquake swarm during the last week of July; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 102 events at Uwekahuna (t); Eaton and Fraser, 1956a, p. 1
8/1/56	23:22:14	19	10.0	155	35.0	hilea	5	5	10	11.5	12.6	s (naalehu)	3.21							3.21	nomo		10 km n of	Eaton and Fraser, 1956a
8/1/56	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	f	2.12							2.40	calc		shallow Kilauea caldera earthquake swarm during the last week of July; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 2 events at Whitney (f); Eaton and Fraser, 1956a, p. 1
8/1/56	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	vf	1.11							2.50	calc		shallow Kilauea caldera earthquake swarm during the last week of July; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 34 events at Whitney (vf); Eaton and Fraser, 1956a, p. 1
8/1/56	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t	0.10							1.92	calc		shallow Kilauea caldera earthquake swarm during the last week of July; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 102 events at Whitney (t); Eaton and Fraser, 1956a, p. 1
8/1/56	23:59:00					kl cal 0-5		2.0	3.0	3.0	3.6	t (uwe)	-0.36							2.17	calc		shallow Kilauea caldera earthquake swarm during the last week of July; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; 612 events at Uwekahuna (t); Eaton and Fraser, 1956a, p. 1
8/3/56	15:36:28	19	25.0	155	15.00	kl cal deep	30.0	30.0	2.0	4.6	30.4	s (uwe)	3.70	<4.20	<4.02	<3.83	<3.7			3.70	nomo		Kilauea Iki	Eaton and Fraser, 1956a
8/7/56	7:05:00					molokai os								4.10	off scale	3.72	off scale			3.91	hono	IV (Cox)	felt-Oahu	not recorded at Whitney vault
9/5/56	22:36:35	19	10.0	155	36.0	hilea	5	5	10	11.6	12.7	s (naalehu)	3.22							3.22	nomo		10 km NNW of	Eaton and Fraser, 1956a
9/7/56	8:15:06	19	22.0	155	23.0	mauna loa deep	30	30		11.5	32.1	s (uwe)	3.73		<4.20		3.65			3.65	hono		Kaoiki fault near halfway house	Honolulu data average of two readings; Eaton and Fraser, 1956a
9/12/56	19:09:00	19	24.3	155	4.20	kl mer	2.0	2.0	19.5	20.3	20.4	f-felt	3.33							3.33	nomo	felt	e rift near Kalalua; felt-volcano	Eaton and Fraser, 1956a, p. 2; not listed on p.4
9/20/56	3:35:00					kl ler?												3.80	int	3.80	int	IV	Puna (ranch near initial 1955 outbreak)-small quake, house creaked, dur 2 sec, 2? phases, n-s	not in Eaton and Fraser, 1956a; date and time from felt report (HVO unpub)
9/26/56	0:43:37	19	15.1	155	5.10	kl mer sf deep	10.0	35.0	22.0	27.7	44.7	s-felt	3.91	<3.95	<4.17	<3.95	<3.80			3.91	nomo	III	15 km SW of Kalapana, felt-Hilo; Hilo (time 01:43-daylight savings?)-small sharp quake of short duration	depth changed from appearance of records at uwe and outlet-kcaldeep?; Eaton and Fraser, 1956a; HVO unpub
10/11/56	12:53:34	20	8.9	155	48.4	kohala	15	15	20	20.0	25.0	s-felt (kamuela)	3.69							3.69	nomo	felt	20 km NNW of Kamuela; felt-Kamuela; Kamuela-felt by several	Eaton and Fraser, 1956b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/16/56	0:44:55	19	38.9	156	25.5	kona os	5	5	54	55.4	55.7	st (kona)	5.34	5.03	5.25	5.14	light trace	5.5	HVO	5.26	aver	V (S&C); IV (hilo, kona)	45 km w of Kailua, Kona; felt-all Hawaii island, Oahu; extensive felt reports in HVO, unpub; preferred magnitude calculated as average of Honolulu (wt 2) and HVO	assume 5 km depth (too shallow to fit felt reports?); Eaton and Fraser, 1956b [magnitude given to S&C not published]; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/16/56	17:31:24	19	38.9	156	25.5	kona os	5	5	54	55.4	55.7	s-felt (kona)	4.57	4.46	4.73	4.28	4.54			4.50	hono	IV	felt-Kona; Kealakekua-very slight; Capt. Cook-3, steady vibration, dur 7 sec, rumble, similar to earlier one but shorter and weaker, persons outside heard iron roofing clanking/jiggling; Keapu/Holualoa, short steady shock, not strong	aftershock; Eaton and Fraser, 1956b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/20/56	20:23:04	19	16.2	155	4.20	kl mer sf?	5.0	10.0	23.5	28.1	29.9	vf-felt (pahoa)	3.00							3.00	nomo	felt	s shore 10 km SW of Kalapana; felt-Hilo	Eaton and Fraser, 1956b; HVO unpub
10/20/56	22:05:14	19	16.2	155	4.20	kl mer sf?	5.0	5.0	23.5	28.1	28.6	f-felt (pahoa)	3.24							3.00	nomo	felt	do; Hilo-felt, gentle motion, dur 30 sec	Eaton and Fraser, 1956b; HVO unpub
10/25/56	7:05:14					kl cal deep	30.0	30.0	5.0	2.5	30.1	s (uwe)	3.95	<4.02	<4.02	<3.75	3.97			3.97	hono		near Kilauea crater	Honolulu amplitude average of two readings; Eaton and Fraser, 1956b-M3.5; low?
11/3/56	8:05:12					kl cal 05-10	9.5	9.5	5.0	2.5	9.8	s (uwe)	2.91							3.20	nomo		near Kilauea crater	Eaton and Fraser, 1956b
11/13/56	0:11:25	19	25.0	155	20.0	kaoiki	10	10	5.5	4.3	10.9	s-felt (uwe)	3.45							3.45	nomo	felt	Kaoiki fault near Kilauea crater; felt-hnp	Eaton and Fraser, 1956b
11/15/56	17:43:46	19	30.0	155	23.0	kaoiki	10	10	2	1.2	10.1	s (ml)	3.06							3.06	nomo		near ml seismometer	Eaton and Fraser, 1956b
12/14/56	19:13:21					kona			5	5.0	10.3	f-felt (kona)	3.18							3.18	nomo	felt	near Kona seismometer; felt-Kona	Eaton and Fraser, 1956b
1/3/57	21:25:42	19	26.0	155	16.00	kl cal 0-5?		2.0	2.0	0.7	2.1	m	2.79							2.79	nomo	felt	NE rim Kilauea crater; felt by few-hnp	Eaton and Fraser, 1957a; HVO unpub
1/6/57	3:52:46	19	25.6	155	27.3	kaoiki	5	5	10	9.9	11.1	s (ml)	3.13							3.13	nomo		10 km SW of ml seismometer	assume 5 km depth; Eaton and Fraser, 1957a
1/6/57	8:45:00					kona			5	5.0	10.3	f-felt (kona)	3.18							3.18	nomo	felt	felt-central Kona	central Kona; Eaton and Fraser, 1957a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/7/57	12:54:15	19	23.0	155	26.4	kaoiki	5	5	13.5	13.1	14.1	m (ml)	3.79	no trace	no trace	no trace	3.76	4.3	hvo	4.00	aver	IV	felt-hnp to Kona; hnp/volcano-slight quake, felt by several; Capt. Cook-4, not felt driving car, felt by most standing or sitting indoors; stronger in s Kona than n Kona; preferred magnitude calculated as average of Honolulu and nomogram	7 km e of Anipeahi; assume 5 km depth; Eaton and Fraser, 1957a; additional felt reports in HVO, unpub
1/14/57	16:15:00					kona?												3.80	int	3.80	int	IV	Capt. Cook-3, like explosion, strong jolt, mauka heard rumble from Kau and strong shake; Konawaena-boom followed by jolt, also felt in Kona theater area	not in Eaton and Fraser, 1957a; date and time from felt report; HVO, unpub [intensities-arabic numerals in remarks column refer to HVO postcards]
1/22/57	18:35:24	19	24.0	155	50.0	kona				15.5	17.9	s-felt (kona)	3.78	no trace	no trace	no trace	no trace	4.3	hvo	4.04	aver	IV	felt-central Kona; Kealakekua-very slight; Capt. Cook-3, "rumble the jar", a pause, then jiggly jolt from Kau-Kohala direction, other reports from area similar, short, windows rattled; preferred magnitude calculated as average of Honolulu and nomogram	central Kona; assume 5 km depth; farther from Kona seismometer?; Eaton and Fraser, 1957a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
1/29/57	7:36:42	18	49.7	155	48.5	milolii os	5	5	35	35.1	35.4	f (naalehu)	3.39							3.39	nomo		offshore 35 km SW of	Eaton and Fraser, 1957a
1/31/57	5:15:00					mauna kea?					50.0	vf?	2.94							2.94	nomo	felt	Hakalau-felt	not separately listed in Eaton and Fraser, 1957a; class from table, p. 3; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/11/57	14:03:24	19	15.7	155	16.00	kl kuer sf	15.0	10.0	16.5	19.1	21.5	m (uwe)	4.23	<4.07	<4.07	<4.76		4.00	hvo	4.00	hvo	IV	7 km w of Apua pt, felt-hnp, Kona; hnp-sharp jolt like car striking house, also felt at volcano; Capt. Cook-2, gentle, quick jiggle, dur >7 sec, prob 12-15 sec, pheasants cackling, felt lightly by few	HTL high; Eaton and Fraser, 1957a; HVO unpub
2/23/57	17:34:32					kona			5	5.0	10.3	m (kona)	3.66	<3.94	no trace	<3.48				3.66	nomo	felt	central Kona; felt-central Kona; Kealakekua-very slight, seemed to come from north	and Fraser, 1957a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/2/57	5:04:33	19	27.6	155	25.4	kaoiki	5	5	5	4.9	7.0	m (ml)	3.30							3.30	nomo		5 km SW of ml seismometer;	lat/long slightly off; Eaton and Fraser, 1957a
3/6/57	0:01:25	19	6.3	155	35.3	hilea			5	4.7	10.1	s (naalehu)	3.06							3.06	nomo		5 km n of	assume 5 km depth; Eaton and Fraser, 1957a
3/13/57	7:57:26	19	5.7	155	2.00	kl mer sf os?	10.0	10.0	45.0	45.7	46.8	vf-felt (uwe)	3.18	no trace	no trace	no trace		3.50	hvo	3.50	hvo	felt	25 km se of Apua pt; felt-hnp	Eaton and Fraser, 1957a; HVO mag 3.5; high?
3/14/57	10:06:48	19	25.2	155	20.40	kl cal deep	30.0	30.0		5.0	30.4	s (uwe)	3.70	<4.12	<4.32	4.30		3.80	hvo	3.80	hvo		5 km w of Uwekahuna	Honolulu amplitude average of two readings; HTL high; Eaton and Fraser, 1957a
3/17/57	10:51:11	19	25.8	155	23.4	kaoiki	5	5	7	6.9	8.5	s (ml)	2.94							2.94	nomo		7 km south of ml seismometer	Eaton and Fraser, 1957a
4/5/57	22:28:40	20	0.0	155	40.0	mauna kea deep	30	30	2	2.5	30.1	m (kamuela)	4.08	no trace	no trace	no trace				4.08	nomo	III	Kamuela; felt-5 km NW of; time 22:48; Kukuihaele 4, loud rumbling then shake	Eaton and Fraser, 1957b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/6/57	9:57:38	19	22.8	155	16.80	kl cal deep	35.0	35.0	5.0	5.1	35.4	s-felt (uwe)	3.80	<4.02	<4.02	4.71		3.80	hvo	3.80	hvo	felt	5 km s of Uwekahuna, felt-hnp; Kukuihaele-felt	Honolulu amplitude average of two readings; HTL high; Eaton and Fraser, 1957b; HVO unpub
4/28/57	12:00:40	19	22.2	155	13.20	kl uer?	15.0	10.0	9.5	9.8	14.0	s (uwe)	3.16	<4.22	<4.55	4.51		3.30	hvo	3.30	hvo		5 km w of Makaopuhi crater	Honolulu amplitude average of two readings; HTL high; Eaton and Fraser, 1957b
5/14/57	16:51:47	19	9.0	155	30.0	hilea	20	20	14	13.3	24.0	f-felt (naalehu)	3.44							3.44	nomo	felt	5 km SW Pahala; felt-Kapapala	Eaton and Fraser, 1957b

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
5/16/57	3:38:27	19	26.9	155	23.0	kaoiki	15	15	5	4.9	15.8	m (ml)	3.87					3.5	hvo	3.50	hvo	felt	5 km s of ml seismometer; felt-Hilo to Kapapala; felt from Kapapala to Hilo, only slight at hnp	Eaton and Fraser, 1957b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
5/18/57	10:52:56					kona			10	10.0	13.5	f-felt (kona)	3.04							3.04	nomo	felt	Kealakekua fault; felt-Capt. cook	assume 5 km depth; assume 10 km from Kona; Eaton and Fraser, 1957b
5/21/57	6:46:44	19	22.2	155	13.20	kl cal deep?	3.0	35.0	10.0	8.0	35.9	f-felt	3.72					3.10	hvo	3.10	hvo	felt	10 km se of Uwekahuna; felt-hnp to Hilo; hnp (time 6:30 approx)-felt; preferred magnitude calculated as average of HVO and nomogram	Eaton and Fraser, 1957b; HVO unpub
6/5/57	6:41:19	19	27.0	155	16.80	kl cal 0-5		2.0	1.0	2.9	3.5	m	3.15							3.15	nomo	V	1 km n of Whitney, felt-hnp; hnp-moderate "rattle" (high frequency), felt sharply at n rim of kil cal; volcano-small objects toppled from shelves	Eaton and Fraser, 1957b; HVO unpub
6/5/57	20:43:02	18	57.0	154	56.00	kl mer sf os deep?	55.0	55.0		60.5	81.8	vf (pahoa)	2.95					3.00	hvo	3.00	hvo		60 km s of Pahoa	Eaton and Fraser, 1957b
6/9/57	0:35:52					kona			10	10.0	13.5	f-felt (kona)	3.36							3.36	nomo	V	felt-Capt. cook; Capt. Cook-4, wakened by jolt,, generally felt by those awake, others wakened; Onouli-people awakened by window rattle or rumble preceding; CC mauka-preceding rumble from Kohala; Kealakekua-very light and short, windows on s side rattled	Kealakekua fault; assume 5 km depth; assume 10 km from Kona; Eaton and Fraser, 1957b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/20/57	22:37:15					kona			10	10.0	13.5	f-felt (kona)	3.04							3.04	nomo	III	Kealakekua fault; felt-Capt. cook; Capt. Cook-2, very short, light jolt; Onouli-very light, felt by 2 awake	assume 5 km depth; assume 10 km from Kona; Eaton and Fraser, 1957b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
6/23/57	23:00:25	19	10.8	155	35.0	hilea	5	5	13	13.0	13.9	m (naalehu)	3.78					3.3	hvo	3.30	hvo		13 km n of	Eaton and Fraser, 1957b
7/4/57	0:53:59	19	48.1	155	42.1	mauna kea	15	15	24.5	24.7	28.9	st (kamuela)	4.56	4.40	4.40	4.53		4.5	hvo	4.47	aver	V; IV (S&C)	8 km SW of; felt generally-Hawaii island; additional felt reports in HVO, unpub; preferred magnitude calculated as average of Honolulu and HVO	Eaton and Fraser, 1957c; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/4/57	1:03:28	19	22.4	155	24.6	kaoiki	15	15	11.5	13.6	20.2	f-felt (uwe)	2.87					2.8	hvo	2.80	hvo	felt	5 km SW of Ohaikea; felt-Kealakekua, hnp; Kealakekua-2nd shock, very light	Eaton and Fraser, 1957c; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/13/57	0:01:06					kl cal 0-5		5.0		1.4	5.2	s (uwe)	2.47							2.47	nomo		Kilauea crater	Eaton and Fraser, 1957c
7/19/57	9:31:51					kona					65.0	vf?	3.12							3.12	nomo	felt	near Kealakekua; felt-Kealakekua	assume 5 km depth; assume 10 km from Kona; Eaton and Fraser, 1957c; class from table, p. 3
7/22/57	10:17:22	21	5.0	156	14.0	maui	35	35		35.3	49.7							3.2	hvo	3.20	hvo		35 km n of Haleakala seismometer	Eaton and Fraser, 1957c
7/26/57	1:40:30	20	14.3	156	7.1	kohala			54	52.9	53.6	st (kamuela)	4.99	4.07	4.55	4.65		4.6	hvo	4.52	aver	IV (S&C)	30 km w of Hawi; felt-Kealakekua; preferred magnitude calculated as average of Honolulu and HVO	closer to Kamuela?; Eaton and Fraser, 1957c
7/27/57	2:16:57					kona			10	10.0	13.5	f-felt (kona)	3.04							3.04	nomo	felt	near Kealakekua; felt-Kealakekua; sharp at kealakekua, awakened people; felt by a few people in Capt. Cook	Eaton and Fraser, 1957c; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/10/57	14:43:43	20	48.0	155	28.0	maui	10	10		153.5	153.8			4.25	4.05	4.06		4.2	hvo	4.16	aver	III	preferred magnitude calculated as average of Honolulu and HVO	latitude given in error as 23°48'; Eaton and Fraser, 1957c
8/11/57	4:39:26	20	48.0	155	28.0	maui	10	10		153.5	153.8			3.98	4.28	4.09		4.3	hvo	4.21	aver		preferred magnitude calculated as average of Honolulu and HVO	latitude given in error as 23°48'; Eaton and Fraser, 1957c
8/11/57	9:39:18	20	48.0	155	28.0	maui	10	10		153.5	153.8			3.76	3.98	3.78		4.0	hvo	3.92	aver		preferred magnitude calculated as average of Honolulu and HVO	latitude given in error as 23°48'; Eaton and Fraser, 1957c
8/11/57	12:40:00					maui?								no trace	no trace	3.43				3.43	hono			not in Eaton and Fraser, 1957c
8/15/57	18:34:00					maui?								no trace	no trace	3.31				3.31	hono			not in Eaton and Fraser, 1957c
8/16/57	3:04:00					maui?								no trace	no trace	3.06				3.06	hono			not in Eaton and Fraser, 1957c
8/16/57	3:05:00					maui?								no trace	no trace	3.13				3.13	hono			not in Eaton and Fraser, 1957c
8/16/57	13:30:00					maui?								no trace	no trace	3.53				3.53	hono			not in Eaton and Fraser, 1957c
8/18/57	0:41:56	20	48.0	155	28.0	maui	10	10		153.5	153.8			5.27	5.45	4.96		5.6	hvo	5.41	aver	V (S&C)	felt widely-Hawaii island, Maui; preferred magnitude calculated as average of Honolulu and HVO; hilo-gentle, jarring quake, felt by few	latitude given in error as 23°48'; Eaton and Fraser, 1957c; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/19/57	15:52:07	20	48.0	155	28.0	maui	10	10		153.5	153.8			no trace	no trace	3.31		3.0	hvo	3.16	aver		preferred magnitude calculated as average of Honolulu and HVO	Eaton and Fraser, 1957c

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/19/57	18:38:10	20	48.0	155	28.0	maui	10	10		153.5	153.8			no trace	no trace	3.01		3.0	hvo	3.01	aver		preferred magnitude calculated as average of Honolulu and HVO	Eaton and Fraser, 1957c
8/19/57	21:29:00					maui?								no trace	no trace	3.31				3.31	hono			not in Eaton and Fraser, 1957c
8/20/57	3:04:00					maui?								no trace	no trace	3.61				3.61	hono			not in Eaton and Fraser, 1957c
8/20/57	3:08:00					maui?								no trace	no trace	3.37				3.37	hono			not in Eaton and Fraser, 1957c
8/20/57	15:53:00					maui?								no trace	no trace	3.13				3.13	hono			not in Eaton and Fraser, 1957c
8/20/57	23:14:00					maui?								no trace	no trace	3.31				3.31	hono			not in Eaton and Fraser, 1957c
8/21/57	8:25:00					maui?								no trace	no trace	3.23				3.23	hono			not in Eaton and Fraser, 1957c
8/21/57	17:21:05	19	3.9	155	18.1	kl kuer sf os	15.0	15.0		30.0	33.5	s (naalehu)	3.90					3.50	hvo	3.70	aver		30 km e of Naalehu; preferred magnitude calculated as average of HVO and nomogram	Eaton and Fraser, 1957c
8/22/57	15:28:00					maui?								no trace	no trace	3.31				3.31	hono			not in Eaton and Fraser, 1957c
8/22/57	17:06:00					maui?								no trace	no trace	3.43				3.53	hono			not in Eaton and Fraser, 1957c
8/23/57	8:38:00					kl cal 05-10?		7.0		1.5	7.2	f-felt	2.60							2.60	nomo	felt	felt-hnp	Eaton and Fraser, 1957c
8/23/57	8:41:14					kl cal 0-5?		2.0		1.5	2.5	m	2.92							2.92	nomo	felt	felt-hnp	Eaton and Fraser, 1957c
8/23/57	8:46:44					kl cal 0-5		2.0		0.0	2.0	vf-felt	1.85							1.85	nomo	felt	felt-hnp	Eaton and Fraser, 1957c
8/25/57	1:00:00					kona?																II	Capt. Cook-2, gentle, short window rattle; Onouli-slight vibration; both reports from persons already awake	not separately listed in Eaton and Fraser, 1957c; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/26/57	8:04:18	20	48.0	155	28.0	maui	10	10		153.5	153.8							3.2	hvo	3.20	hvo			Eaton and Fraser, 1957c
8/26/57	16:58:52	20	5.2	155	43.2	kohala deep	35	9		8.8	12.6	st (kamuela)	3.99	no trace	no trace	3.99		3.3	hvo	3.77	aver	IV	felt-Kukuihaele, Pohakuloa; Pohakuloa forestry camp-moderate, windows rattled; Kukuihaele-4, rumbling heard; Pohakuloa-slow, began gradually, dur 3-5 sec, floor moved; preferred magnitude calculated as average of Honolulu, HVO and nomogram	Kohala summit; 9 km depth yields mag agreement between Honolulu and nomogram; HVO mag low?; Eaton and Fraser, 1957c; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/26/57	17:07:00					kohala deep?																felt	onouli-felt sitting; kukuihaele-felt	aftershock; not in Eaton and Frasier, 1957c; HVO, unpub
8/27/57	22:35:00					mauna kea?																II	Kukuihaele-2, very light	Eaton and Fraser, 1957c; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
8/28/57	9:59:52	20	48.0	155	28.0	maui	10	10		153.5	153.8			no trace	no trace	no trace		3.0	hvo	3.00	hvo			Eaton and Frasier/1957c
9/2/57	0:33:00					maui?								no trace	no trace	3.31				3.31	hono			not in Eaton and Fraser, 1957c
9/2/57	11:21:00					maui?								no trace	no trace	3.68				3.68	hono			not in Eaton and Fraser, 1957c
9/4/57	6:28:18	20	3.5	155	42.4	kohala	30	30		83.6	88.8							3.3	hvo	3.30	hvo		5 km NW of Kamuela	Eaton and Fraser, 1957c
9/5/57	9:31:24	19	42.6	155	2.9	hilo deep	50	50	6	4.4	50.2	s-felt (hilo)	4.03	no trace	no trace	no trace		3.3	hvo	4.03	aver	III	10 km n of Keaau; felt-Hilo; preferred magnitude calculated as average of nomogram and HVO; Hilo-dur 2-3 sec, sharp shaking, chandelier swayed	Eaton and Fraser, 1957c; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/7/57	1:35:13	20	46.0	155	27.0	maui	5	5		149.6	149.6							3.6	hvo	3.60	hvo			Eaton and Fraser, 1957c
9/8/57	8:37:22	19	29.5	155	23.50	kl gln deep	60.0	60.0	5.0	15.3	61.9	t?	2.61					2.30	hvo	2.30	hvo		60 km below ml seismometer station	Eaton and Fraser, 1957c
9/8/57	19:36:08	20	16.0	157	38.0	molokai?				266.2	266.3							2.7	hvo	2.70	hvo			Eaton and Fraser, 1957c
9/9/57	23:59:00					kl gln deep	50.0	50.0		0.0	50.0	t (uwe)	1.47							2.38	calc		deep earthquake swarm 60 km below ml seismometer station; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; assume 10 events, t at Uwekahuna; Eaton and Fraser, 1957c, p. 2
9/14/57	5:22:48	19	15.8	155	8.90	kl mer sf	5.0	5.0	22.5	22.1	22.7	vf-felt	3.13					2.50	hvo	2.81	aver	IV	5 km e of Apua pt, felt-Hilo; Hilo-2, rapid, dur 1 sec, one sudden jolt as though something shaked the house; preferred magnitude calculated as average of HVO and nomogram	Eaton and Fraser, 1957c; HVO unpub
9/14/57	15:38:46	20	48.0	155	28.0	maui	10	10		153.5	153.8			no trace	no trace	no trace		3.0	hvo	3.00	hvo			Eaton and Fraser, 1957c

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
9/15/57	23:59:00					kl gln deep	50.0	50.0	5.0	5.0	50.2	t (uwe)	1.47							2.38	calc		deep earthquake swarm north of Kilauea caldera; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; assume 10 events, t at Uwekahuna; Eaton and Fraser, 1957c, p. 2
9/15/57	23:59:00					kl gln deep	50.0	50.0	5.0	5.0	50.2	t (uwe)	1.47							3.36	calc		deep earthquake swarm north of Kilauea caldera on Sept. 14 and 15; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; assume 120 events, t at Uwekahuna; Eaton and Fraser, 1957c, p. 2
9/15/57	23:59:00					kl gln deep	50.0	50.0	5.0	5.0	50.2	t	1.93							3.49	calc		deep earthquake swarm north of Kilauea caldera on Sept. 14 and 15; preferred magnitude calculated as nomogram magnitude multiplied by number of events	earthquake swarm; assume 52 events, t at Whitney; Eaton and Fraser, 1957c, p. 2
9/17/57	11:47:37	20	48.0	155	28.0	maui	10	10		153.5	153.8			no trace	no trace	3.01		3.0	hvo	3.00	aver		preferred magnitude calculated as average of Honolulu and HVO	Eaton and Fraser, 1957c
9/29/57	3:37:02	19	21.6	155	22.50	kl cal deep	25.0	25.0	11.0	11.2	27.4	s (uwe)	3.88	3.90	<4.36	4.47		3.90	hvo	3.90	hvo	IV	5 km s of Ohaikea, felt-ml obs, Capt. cook; ml weather observatory-rattled windows, awakened one sleeper	Honolulu amplitude average of two readings; HTL high; Eaton and Fraser, 1957c; HVO unpub
10/20/57	5:09:43	19	24.5	155	25.6	kaoiki	5	5	12.5	14.2	15.1	s (uwe)	2.98					2.8	hvo	2.80	hvo		5 km w of Ohaikea	Eaton and Fraser, 1957d
10/25/57	1:02:38	19	44.0	156	3.8	hualalai			27.5	28.8	30.2	vf-felt (kona)	2.59					2.2	hvo	2.20	hvo	felt	near Keahole pt; felt-Capt. cook	assume 5 km depth; Eaton and Fraser, 1957d
10/28/57	19:23:57	19	25.2	155	15.00	kl cal 05-10?		4.0	2.0	1.7	4.3	f-felt	2.58							2.58	nomo	III	e rim Kilauea crater, felt-hnp; hnp-weak quake felt by several	Eaton and Fraser, 1957d; HVO unpub
10/31/57	5:48:24	19	28.5	155	53.5	kona			5	5.1	10.4	f-felt (kona)	3.18							3.18	nomo	felt	Kealakekua fault 5 mi se of Kealakekua; felt-Capt. cook	assume 5 km depth; Eaton and Fraser, 1957d
11/9/57	11:26:25	20	11.1	155	50.8	kohala	35	35	25	25.8	43.5	vf (kamuela)	2.52	<3.9	<3.9	<3.3		3.1	hvo	3.10	hvo		25 km NW of Kamuela	Eaton and Fraser, 1957d
11/16/57	2:30:32	19	38.9	156	17.0	kona os	5	5	40	41.3	41.6	vf-felt (kona)	3.55	no trace	no trace	no record		3.5	hvo	3.50	hvo	felt	30 km w of Kailua; felt-Kealakekua, Capt. cook	assume 5 km depth; Eaton and Fraser, 1957d
11/23/57	20:21:28	19	25.8	155	27.0	kaoiki	5	5	14.5	16.6	17.3	m (uwe)	3.80	no trace	no trace	no trace		3.5	hvo	3.50	hvo	III	10 km SW of ml seismometer; felt-hnp, Kealakekua, Kamuela; Kealakekua-very slight; Waimea-felt by several, pheasants cried a few sec before quake; hnp-felt by some	Eaton and Fraser, 1957d; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/30/57	17:15:45					kona			10	10.0	13.5	f?-felt (kona)	3.04							3.04	nomo	felt	felt-Capt. cook	assume 5 km depth; Eaton and Fraser, 1957d
12/6/57	13:20:34					maui	5	5		0.0	5.0							3.2	hvo	3.20	hvo		45 km e of Hana, Maui	Eaton and Fraser, 1957d
1/1/58	13:47:32	19	11.7	156	14.4	milolii os	15	15		105.9	107.0							2.9	hvo	2.90	hvo		35 km w of Milolii	Eaton and Fraser, 1957d
1/2/58	6:01:36					kona				69.0	69.6							2.8	hvo	2.80	hvo		Kealakekua fault	assume 5 km depth; Eaton and Fraser, 1957d
1/2/58	21:19:02					kona				72.1	72.7							2.7	hvo	2.70	hvo		central Kona	assume 5 km depth; Eaton and Fraser, 1958a
1/5/58	17:35:39	19	15.5	155	4.70	kl mer sf	5.0	5.0	23.0	27.8	28.2							2.50	hvo	2.50	hvo		13 km SW of Kalapana	Eaton and Fraser, 1958a
1/5/58	20:37:27	19	11.7	156	8.9	milolii os	15	15		96.6	97.8							2.9	hvo	2.90	hvo		25 km w of Milolii	Eaton and Fraser, 1958a
1/6/58	15:39:49	18	48.9	154	58.50	kl mer sf os?	15.0	15.0	73.0	75.3	76.8							2.80	hvo	2.80	hvo		60 km s of Kalapana	Eaton and Fraser, 1958a
1/14/58	2:26:59					kl cal deep	25.0	25.0	3.0	2.0	25.1							2.60	hvo	2.60	hvo	II	beneath Kilauea caldera, felt-hnp; hnp/volcano (time approx 2:46)-felt by two/one respectively	Eaton and Fraser, 1958a; HVO unpub
1/15/58	23:07:58	19	21.5	155	19.40	kl cal deep	30.0	30.0	10.5	10.2	31.7							2.70	hvo	2.70	hvo		beneath Puu Koae	Eaton and Fraser, 1958a
1/19/58	21:26:04	20	40.0	155	27.0	maui	45	45		138.5	145.7							3.7	hvo	3.70	hvo		15 km se of Hana	Eaton and Fraser, 1958a
1/20/58	4:54:17	20	0.0	155	15.0	mauna kea	15	15		63.1	64.8							2.5	hvo	2.50	hvo	felt	near; felt-Hakalau	Eaton and Fraser, 1958a
1/28/58	12:53:55	17	18.0	154	58.50	off chain		10.0		239.2	239.4							3.30	hvo	3.30	hvo		220 km s of Kalapana-off the Kilauea edifice	Eaton and Fraser, 1958a
2/11/58	14:10:39	19	26.0	155	16.30	kl cal 0-5	2.0	2.0	2.0	0.5	2.1							1.90	hvo	1.90	hvo	III	northeast rim of Kilauea caldera; hnp-sharp earthquake felt by several, not felt at HVO	Eaton and Fraser, 1958a; HVO unpub
2/14/58	13:38:17					maui				0.0	9.0							3.0	hvo	3.00	hvo		40 km e of Hana	Eaton and Fraser, 1958a
2/15/58	16:48:38	18	58.0	155	29.0	kl swr sf os deep	35.0	35.0	56.0	56.7	66.6			<4.04	no trace	4.54		3.90	hvo	4.10	aver	felt	17 km se of Naalehu, felt-Naalehu, Pahoa; felt at Pahoa and Naalehu; preferred magnitude calculated as average of Honolulu and HVO	HTL high; Eaton and Fraser, 1958a; HVO unpub
2/19/58	18:53:45	19	25.8	155	16.60	kl cal deep	30.0	30.0	2.0	1.1	30.0							2.70	hvo	2.70	hvo		north rim of Kilauea caldera	Eaton and Fraser, 1958a
2/20/58	7:19:23	20	11.5	155	22.1	kohala	15	15		85.0	86.4							3.0	hvo	3.00	hvo	felt	10 km NW of Waimea; felt-Kamuela; Waimea-felt	Eaton and Fraser, 1958a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
2/20/58	12:51:13	19	15.8	155	6.10	kl mer sf deep?	40.0	40.0	25.0	25.7	47.5							2.80	hvo	2.80	hvo		10 km e of Apua point	Eaton and Fraser, 1958a
2/23/58	4:00:35	21	30.0	157	40.0	oahu								3.59	3.76	2.94		3.7	hvo	3.57	aver	V (Cox)	NE of Ulupau head, woke many Oahu residents in Kailua and Kaneohe; barely felt on leeward side of Oahu; 8 km NE of Ulupau head; felt-Oahu; preferred mag calculated as average of Hon mag and HVO	Cox, 1986; Eaton and Fraser, 1958a
2/23/58	21:00:00					kl ler?																III?	Pahoa-slight jolt at about 9 PM	not in Eaton and Fraser, 1958a; date and time from felt report (HVO unpub)

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
2/24/58	5:30:00					kl ler?												3.80	int	3.80	int	IV	Pahoa-awakened at about 5:30 am, window rattled	not in Eaton and Fraser, 1958a; date and time from felt report (HVO unpub)
3/2/58	9:52:39	19	6.1	155	16.50	kl kuer sf deep	40.0	40.0	37.0	36.9	54.4							2.80	hvo	2.80	hvo		35 km s of Kilauea caldera	Eaton and Fraser, 1958a
3/3/58	8:44:20	19	11.3	155	32.6	hilea	5	5		39.9	40.2							2.5	hvo	2.50	hvo		7 km w of Pahala	Eaton and Fraser, 1958a
3/5/58	1:59:25	19	25.8	155	27.0	kaoiki	5	5		19.3	19.9							3.1	hvo	3.10	hvo		10 km SW of ml seismometer	Eaton and Fraser, 1958a
3/9/58	9:43:52	19	15.1	155	5.10	kl mer sf	5.0	5.0	22.0	27.8	28.3							3.50	hvo	3.50	hvo	felt	15 km SW of Kalapana, felt-Hilo; felt in Honokaa and Hilo	Eaton and Fraser, 1958a; HVO unpub
3/10/58	3:09:04	19	55.4	155	17.9	mauna kea				54.6	55.4							2.7	hvo	2.70	hvo	felt	5 km w of Keanakolu; felt-honokaa; honokaa-felt	Eaton and Fraser, 1958a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/10/58	20:34:57	19	21.5	155	18.30	kl cal deep	30.0	30.0	9.0	9.2	31.4							3.00	hvo	3.00	hvo		2 km e of Puu Koae	Eaton and Fraser, 1958a
3/11/58	3:27:39	19	55.4	155	17.9	mauna kea				54.6	55.4							2.5	hvo	2.50	hvo	felt	5 km w of Keanakolu; honokaa-felt	Eaton and Fraser, 1958a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/11/58	18:35:47	19	55.4	155	17.9	mauna kea				54.6	55.4							2.6	hvo	2.60	hvo		5 km w of Keanakolu	Eaton and Fraser, 1958a
3/11/58	22:13:01	19	55.4	155	17.9	mauna kea				54.6	55.4							2.9	hvo	2.90	hvo	felt	5 km w of Keanakolu; felt-honokaa; honokaa-felt	Eaton and Fraser, 1958a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/12/58	6:27:33	19	55.4	155	17.9	mauna kea				54.6	55.4							2.6	hvo	2.60	hvo		5 km w of Keanakolu	Eaton and Fraser, 1958a
3/12/58	21:05:46	19	55.4	155	17.9	mauna kea				54.6	55.4							2.9	hvo	2.90	hvo	felt	5 km w of Keanakolu; felt-honokaa	Eaton and Fraser, 1958a
3/12/58	22:13:53	19	55.4	155	17.9	mauna kea				54.6	55.4							2.5	hvo	2.50	hvo		5 km w of Keanakolu	Eaton and Fraser, 1958a
3/12/58	23:19:20	19	55.4	155	17.9	mauna kea				54.6	55.4							2.9	hvo	2.90	hvo	felt	5 km w of Keanakolu; felt-honokaa	Eaton and Fraser, 1958a
3/13/58	8:10:21	19	55.4	155	17.9	mauna kea				54.6	55.4							3.1	hvo	3.10	hvo	felt	5 km w of Keanakolu; felt-honokaa	Eaton and Fraser, 1958a
3/13/58	11:06:41	19	55.4	155	17.9	mauna kea				54.6	55.4							2.5	hvo	2.50	hvo		5 km w of Keanakolu	Eaton and Fraser, 1958a
3/13/58	15:08:33	19	31.5	155	17.7	ml ner	20	20		10.6	22.7							2.7	hvo	2.70	hvo	felt	near Puu Kulani; felt-volcano; volcano-felt	Eaton and Fraser, 1958a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
3/13/58	23:59:00					kl cal 0-5?																felt	volcano-felt	not in Eaton and Fraser, 1958a; date from felt report, no time (HVO unpub)
3/14/58	0:14:31	19	55.4	155	17.9	mauna kea				54.6	55.4							2.5	hvo	2.50	hvo		5 km w of Keanakolu	Eaton and Fraser, 1958a
3/16/58	19:34:11	19	7.6	155	44.7	ml swr	5	5		60.8	61.0							2.7	hvo	2.70	hvo		10 km s of Puu	Eaton and Fraser, 1958a
3/19/58	8:48:47	19	10.7	155	23.50	kl swr sf deep	35.0	35.0	33.0	31.2	46.9							3.20	hvo	3.20	hvo		35 km s of ml seismometer	Eaton and Fraser, 1958a
3/20/58	23:46:01	19	17.6	155	9.90	kl mer sf	5.0	5.0	18.5	18.9	19.5							2.70	hvo	2.70	hvo		5 km NE of Apua pt	Eaton and Fraser, 1958a
3/29/58	13:29:46	19	18.9	155	7.30	kl mer sf	5.0	5.0	20.0	20.2	20.8							3.00	hvo	3.00	hvo	IV	10 km NE of Apua pt, felt-Hilo; Hilo-2, flt by many, rapid, dur 2 sec, windows/dishes rattled	Eaton and Fraser, 1958a; HVO unpub
4/1/58	10:18:56	19	28.2	155	17.60	kl gln deep	60.0	60.0	5.0	5.0	60.2							2.50	hvo	2.50	hvo		5 km n of Uwekahuna; largest event in the swarm	Eaton and Fraser, 1958b
4/1/58	18:00:00					kl gln deep	60.0	60.0	5.0	5.0	60.2									3.55	calc		deep earthquake swarm 5 km n of Uwekahuna; preferred magnitude calculated as Richter distribution	earthquake swarm [time 0400-1800 on 4/1/1958]; assume 200 events of M<2.5 and b value of 1.5
4/3/58	10:16:12	19	13.0	155	44.7	ml swr	5	5		55.8	56.1							2.7	hvo	2.70	hvo		near Puu	Eaton and Fraser, 1958b
4/4/58	0:25:51	20	5.2	155	43.2	kohala	35	35		87.0	93.8							2.7	hvo	2.70	hvo		Kohala summit	Eaton and Fraser, 1958b
4/8/58	11:35:12	20	4.0	157	0.0	sw of kahoolawe				195.8	196.0							3.0	hvo	3.00	hvo		140 km s of Honolulu	Eaton and Fraser, 1958b
4/15/58	11:13:50	19	17.6	155	13.50	kl kuer sf	5.0	5.0	15.5	16.1	16.9							2.80	hvo	2.80	hvo		5 km NW of Apua pt	Eaton and Fraser, 1958b
4/18/58	7:57:41	19	28.1	155	55.1	kona	5	5		68.8	69.0							2.5	hvo	2.50	hvo		5 km s of Kealakekua on Kealakekua fault	Eaton and Fraser, 1958b
4/21/58	6:06:36	19	17.6	155	13.50	kl kuer sf	15.0	15.0	15.5	16.1	22.0							3.20	hvo	3.20	hvo	felt	5 km NW of Apua pt; felt-Hilo	Eaton and Fraser, 1958b
4/24/58	3:06:33	20	2.7	155	15.0	mauna kea	25	25		68.1	72.5			no trace	no trace	4.68		4.3	hvo	4.49	aver	IV	5 km n of; felt-most of Hawaii island; extensive felt reports in HVO, unpub; preferred magnitude calculated as average of Honolulu and HVO	Eaton and Fraser, 1958b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
4/26/58	18:29:43	19	46.0	155	56.0	kona	15	15		79.5	80.9							2.5	hvo	2.50	hvo		10 km SW of Kiholo bay	Eaton and Fraser, 1958b
4/27/58	20:53:24					kona	5	5		69.0	69.2							3.2	hvo	3.20	hvo		Kealakekua fault	Eaton and Fraser, 1958b
4/27/58	21:58:59	19	28.1	155	55.1	kona	15	15		68.8	70.4							2.5	hvo	2.50	hvo		5 km s of Kealakekua on Kealakekua fault	Eaton and Fraser, 1958b
4/28/58	8:11:00	20	16.3	156	10.6	kohala				133.8	134.1							2.8	hvo	2.80	hvo		35 km w of Upolu pt	Eaton and Fraser, 1958b
5/3/58	0:12:20	19	44.0	156	12.1	hualalai	15	15		104.1	105.1							2.5	hvo	2.50	hvo		15 km w of Keahole pt	Eaton and Fraser, 1958b
5/5/58	1:59:18	19	19.1	156	5.5	kona				87.9	88.3							2.5	hvo	2.50	hvo		25 km SW of Kealakekua bay	Eaton and Fraser, 1958b
5/6/58	22:37:35	19	11.3	155	31.5	hilea	5	5		38.5	38.8							3.0	hvo	3.00	hvo		5 km w of Pahala	Eaton and Fraser, 1958b
5/13/58	5:03:39	18	45.0	156	20.0	milolii os				135.7	136.0							3.0	hvo	3.00	hvo		80 km w of Ka lae	Eaton and Fraser, 1958b
5/18/58	16:13:48	19	19.0	155	5.30	kl mer sf	5.0	5.0	24.5	22.9	23.4							3.00	hvo	3.00	hvo		near coast 45 km s of Hilo	Eaton and Fraser, 1958b
5/19/58	0:32:48	19	23.1	155	35.5	kaoiki	10	10		34.6	36.1							3.2	hvo	3.20	hvo		10 km s of Mokuaweoweo	Eaton and Fraser, 1958b
5/22/58	8:20:39	19	24.1	155	23.5	kaoiki	5	5		13.6	14.5							2.7	hvo	2.70	hvo		10 km s of ml seismograph	Eaton and Fraser, 1958b
5/28/58	13:28:23	19	22.0	154	54.50	kl ler sf	5.0	5.0	40.5	38.5	38.9							2.60	hvo	2.60	hvo		south shore 15 km SSE of Pahoa	Eaton and Fraser, 1958b
6/3/58	22:51:49	19	25.8	155	16.60	kl cal 0-5	2.0	2.0	2.0	1.1	2.3							0.90	hvo	0.90	hvo	felt	n rim Kilauea crater, felt-hnp; hnp-two quakes felt	Eaton and Fraser, 1958b; HVO unpub
6/3/58	22:55:10	19	25.8	155	16.60	kl cal 0-5	2.0	2.0	2.0	1.1	2.3							1.70	hvo	1.70	hvo	felt	n rim Kilauea crater, felt-hnp; hnp-two quakes felt	Eaton and Fraser, 1958b; HVO unpub
6/4/58	16:17:46	20	4.0	155	36.4	mauna kea	35	35		79.0	86.4							3.0	hvo	3.00	hvo		10 km e of Kamuela	Eaton and Fraser, 1958b
6/5/58	12:57:36	19	23.5	155	23.4	kaoiki	5	5		13.8	14.6							3.0	hvo	3.00	hvo		2 km SW of Ohaikea	Eaton and Fraser, 1958b
6/5/58	16:43:03	19	0.9	155	46.1	milolii	35	35		70.4	78.6							2.9	hvo	2.90	hvo		20 km WSW of	Eaton and Fraser, 1958b

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
6/5/58	16:47:09	18	59.0	155	28.0	kl swr sf os deep	35.0	35.0		54.3	64.6								3.30	hvo	3.30	hvo		15 km se of Naalehu	in catalog
6/5/58	16:58:03	18	59.0	155	28.0	kl swr sf os deep	35.0	35.0	56.0	54.3	64.6								3.30	hvo	3.30	hvo		aftershock	in catalog
6/5/58	21:38:18	19	9.2	155	35.2	hilea	5	5		45.9	46.1								2.6	hvo	2.60	hvo		10 km n of	Eaton and Fraser, 1958b
6/6/58	11:46:25	19	13.0	155	44.7	ml swr	15	15		55.8	57.8								3.0	hvo	3.00	hvo		near Puu	Eaton and Fraser, 1958b
6/11/58	22:34:20	19	38.9	156	11.3	kona os				100.0	100.5								2.7	hvo	2.70	hvo		20 km w of Kailua	Eaton and Fraser, 1958b
6/17/58	11:03:55					ml wf	15	15		54.2	56.2								3.5	hvo	3.50	hvo		5 km se of Ahuaumi	Eaton and Fraser, 1958b
6/21/58	3:42:35	19	10.0	154	45.00	kl mer sf os?		10.0		62.0	62.8								2.40	hvo	2.40	hvo			Eaton and Fraser, 1958b
6/25/58	2:41:40	21	8.0	155	0.0	kohala os				191.2	191.4								3.1	hvo	3.10	hvo		125 km NE of Upolu pt	Eaton and Fraser, 1958b
6/30/58	4:21:40	19	1.0	154	53.00	kl mer sf os?		10.0		61.5	62.3								3.00	hvo	3.00	hvo			Eaton and Fraser, 1958b
7/2/58	6:40:38	19	44.0	156	12.1	hualalai os				104.1	104.4								2.5	hvo	2.50	hvo		15 km w of Keahole pt	Eaton and Krivoy, 1958a
7/2/58	14:11:48	19	25.0	154	48.00	kl ler sf deep	35.0	35.0		49.3	60.4								3.60	hvo	3.60	hvo	felt	felt-Hilo, Pahoa, volcano; Hilo-felt; Pahoa-felt and dismantled seismograph; volcano-one sharp jolt	Eaton and Krivoy, 1958a; HVO unpub
7/3/58	23:32:24	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.50	hvo	2.50	hvo		approximately 2100 earthquakes are tabulated	deep earthquake swarm north of Kilauea caldera;
7/3/58	23:49:10	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.50	hvo	2.50	hvo		below	Eaton and Krivoy, 1958a
7/4/58	1:51:52	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.50	hvo	2.50	hvo			Eaton and Krivoy, 1958a
7/4/58	5:14:51	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.00	hvo	3.00	hvo			Eaton and Krivoy, 1958a
7/4/58	5:40:32	19	28.5	155	12.80	kl kuer sf os	15.0	15.0		7.3	16.7								2.50	hvo	2.50	hvo			Eaton and Krivoy, 1958a
7/4/58	6:34:49	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.10	hvo	3.10	hvo			Eaton and Krivoy, 1958a
7/4/58	8:07:01	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.50	hvo	2.50	hvo			Eaton and Krivoy, 1958a
7/4/58	8:46:06	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.20	hvo	3.20	hvo			Eaton and Krivoy, 1958a
7/4/58	9:33:58	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.70	hvo	2.70	hvo			Eaton and Krivoy, 1958a
7/4/58	9:37:30	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.20	hvo	3.20	hvo			Eaton and Krivoy, 1958a
7/4/58	10:44:45	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.10	hvo	3.10	hvo			Eaton and Krivoy, 1958a
7/4/58	11:35:15	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.00	hvo	3.00	hvo			Eaton and Krivoy, 1958a
7/4/58	11:39:33	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.10	hvo	3.10	hvo			Eaton and Krivoy, 1958a
7/4/58	11:59:58	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.00	hvo	3.00	hvo			Eaton and Krivoy, 1958a
7/4/58	13:15:18	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.80	hvo	2.80	hvo			Eaton and Krivoy, 1958a
7/4/58	14:06:00	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.30	hvo	3.30	hvo			Eaton and Krivoy, 1958a
7/4/58	14:20:02	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.00	hvo	3.00	hvo			Eaton and Krivoy, 1958a
7/4/58	14:25:46	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.00	hvo	3.00	hvo			Eaton and Krivoy, 1958a
7/4/58	15:27:36	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.80	hvo	2.80	hvo			Eaton and Krivoy, 1958a
7/4/58	15:40:47	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.10	hvo	3.10	hvo			Eaton and Krivoy, 1958a
7/4/58	15:47:36	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.00	hvo	3.00	hvo			Eaton and Krivoy, 1958a
7/4/58	15:51:22	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.50	hvo	2.50	hvo			Eaton and Krivoy, 1958a
7/4/58	17:09:18	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.40	hvo	3.40	hvo			Eaton and Krivoy, 1958a
7/4/58	18:06:37	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.00	hvo	3.00	hvo			Eaton and Krivoy, 1958a
7/4/58	19:19:44	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.10	hvo	3.10	hvo			Eaton and Krivoy, 1958a
7/4/58	20:52:35	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.10	hvo	3.10	hvo			Eaton and Krivoy, 1958a
7/4/58	20:54:25	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.00	hvo	3.00	hvo			Eaton and Krivoy, 1958a
7/4/58	22:09:56	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.70	hvo	2.70	hvo			Eaton and Krivoy, 1958a
7/4/58	22:37:11	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.90	hvo	2.90	hvo			Eaton and Krivoy, 1958a
7/4/58	23:45:02	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.90	hvo	2.90	hvo			Eaton and Krivoy, 1958a
7/5/58	0:34:38	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.90	hvo	2.90	hvo			Eaton and Krivoy, 1958a
7/5/58	2:16:04	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.30	hvo	3.30	hvo			Eaton and Krivoy, 1958a
7/5/58	3:04:44	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.10	hvo	3.10	hvo			Eaton and Krivoy, 1958a
7/5/58	4:06:57	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.70	hvo	2.70	hvo			Eaton and Krivoy, 1958a
7/5/58	5:16:49	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.70	hvo	2.70	hvo			Eaton and Krivoy, 1958a
7/5/58	5:40:19	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.70	hvo	2.70	hvo			Eaton and Krivoy, 1958a
7/5/58	5:51:00	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.10	hvo	3.10	hvo			Eaton and Krivoy, 1958a
7/5/58	7:36:09	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.70	hvo	2.70	hvo			Eaton and Krivoy, 1958a
7/5/58	8:05:01	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.90	hvo	2.90	hvo			Eaton and Krivoy, 1958a
7/5/58	11:49:17	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.80	hvo	2.80	hvo			Eaton and Krivoy, 1958a
7/5/58	13:20:53	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.80	hvo	2.80	hvo			Eaton and Krivoy, 1958a
7/5/58	15:16:52	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.00	hvo	3.00	hvo			Eaton and Krivoy, 1958a
7/5/58	16:12:19	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.50	hvo	2.50	hvo			Eaton and Krivoy, 1958a
7/5/58	18:43:21	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.70	hvo	2.70	hvo			Eaton and Krivoy, 1958a
7/5/58	18:58:39	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.50	hvo	2.50	hvo			Eaton and Krivoy, 1958a
7/6/58	2:57:40	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.70	hvo	2.70	hvo			Eaton and Krivoy, 1958a
7/6/58	8:50:02	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.70	hvo	2.70	hvo			Eaton and Krivoy, 1958a
7/6/58	11:26:30	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								2.60	hvo	2.60	hvo			Eaton and Krivoy, 1958a
7/6/58	13:25:30	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5								3.20	hvo	3.20	hvo			Eaton and Krivoy, 1958a

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S	M E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
7/6/58	23:59:00	19	28.5	155	12.80	kl gln deep	55.0	55.0	10.0	7.3	55.5										4.82	calc		preferred magnitude calculated as Richter distribution	deep earthquake swarm north of Kilauea caldera; 2052 events of M<2.5 with b = 1.5 whose magnitudes are not tabulated separately (Eaton and Krivoy, 1958, p. 4)
7/11/58	4:07:15	19	9.6	155	41.1	hilea	15	15		53.5	55.6								2.5	hvo	2.50	hvo		15 km NW of	Eaton and Krivoy, 1958a
7/13/58	4:20:52	19	38.9	156	31.2	kona os				134.3	134.6								3.8	hvo	3.80	hvo	III	55 km w of Kailua; felt-Kealakekua; Capt. Cook-felt by few, muffled boom followed by slight quiver; Kealakekua-one person awakened by vibration	Eaton and Krivoy, 1958a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/13/58	12:04:36	19	14.6	155	35.2	hilea	5	5		39.8	40.1								2.7	hvo	2.70	hvo		20 km n of	Eaton and Krivoy, 1958a
7/16/58	19:17:58	19	14.6	155	35.2	mauna loa deep	35	35		39.8	53.0								3.3	hvo	3.30	hvo	IV	25 km n of; felt-Capt. cook; Capt. Cook-windows rattle and jiggle, not felt outdoors, also felt along belt road (house on stilts) as intensifying jiggle, not as strong as quake of July 13 at 0417	Eaton and Krivoy, 1958a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
7/17/58	15:53:54	19	29.3	155	28.0	kaoiki	10	10		21.9	24.1								2.6	hvo	2.60	hvo		5 km s of Puu Ulaula	Eaton and Krivoy, 1958a
7/19/58	22:57:58	19	28.0	156	6.9	kona os				89.5	89.9								2.6	hvo	2.60	hvo		25 km w of Kealakekua bay	Eaton and Krivoy, 1958a
7/23/58	6:17:39	19	15.8	155	3.40	kl mer sf deep?	30.0	30.0	28.5	29.1	41.8								2.50	hvo	2.50	hvo		15 km e of Apua pt	Eaton and Krivoy, 1958a
7/26/58	6:27:57	19	44.0	156	22.7	hualalai os				121.8	122.2								2.9	hvo	2.90	hvo		25 km w of Keahole pt	Eaton and Krivoy, 1958a
7/28/58	16:26:01					maui	15	15		0.0	15.0								2.5	hvo	2.50	hvo		30 km from Haleakala seismograph	Eaton and Krivoy, 1958a
8/2/58	9:52:26	19	11.3	155	34.3	hilea	5	5		42.1	42.4								2.7	hvo	2.70	hvo		10 km w of Pahala	Eaton and Krivoy, 1958a
8/2/58	19:00:28	19	9.2	155	35.2	hilea	5	5		45.9	46.1								2.6	hvo	2.60	hvo		10 km n of	Eaton and Krivoy, 1958a
8/5/58	21:52:32	19	17.6	155	13.50	kl kuer sf	5.0	5.0	15.5	16.1	16.9								2.70	hvo	2.70	hvo		5 km NW of Apua pt	Eaton and Krivoy, 1958a
8/6/58	9:39:13					maui				0.0	9.0								2.9	hvo	2.90	hvo		50 km from Haleakala seismograph	Eaton and Krivoy, 1958a
8/8/58	11:33:51	19	52.2	155	5.8	mauna kea deep	35	35		51.8	62.5								2.6	hvo	2.60	hvo		5 km se of Hakalau	Eaton and Krivoy, 1958a
8/8/58	13:11:06	19	10.5	155	30.5	kaoiki deep	40	40		38.3	55.4								3.0	hvo	3.00	hvo		5 km SW of Pahala	Eaton and Krivoy, 1958a
8/8/58	18:20:49	19	25.6	155	27.3	kaoiki	5	5		19.8	20.5								3.0	hvo	3.00	hvo		10 km SW of ml seismograph	Eaton and Krivoy, 1958a
8/9/58	12:53:42	19	28.1	155	55.1	kona	10	10		68.8	69.5								3.2	hvo	3.20	hvo		5 km s of Kealakekua on Kealakekua fault	Eaton and Krivoy, 1958a
8/11/58	9:01:28	19	22.2	155	18.30	kl cal deep	30.0	30.0	9.5	8.1	31.1								3.70	hvo	3.70	hvo	felt	5 km SW of outlet seismometer, felt-hnp; hnp/volcano-felt by several	Eaton and Krivoy, 1958a; HVO unpub
8/15/58	1:50:03	19	21.8	155	51.9	milolii	15	15		63.5	65.3								3.1	hvo	3.10	hvo		5 km se of Hookena	Eaton and Krivoy, 1958a
8/17/58	0:27:32	20	11.3	155	59.9	kohala os	45	45		114.0	122.6								3.3	hvo	3.30	hvo		10 km w of Mahukona	Eaton and Krivoy, 1958a
8/20/58	9:46:07					kl cal 10-20	15.0	15.0	3.0	2.0	15.1								3.70	hvo	3.70	hvo	felt	Kilauea crater; felt-hnp, Hilo	Eaton and Krivoy, 1958a
8/20/58	13:13:55					kl cal 10-20	15.0	15.0	3.0	2.0	15.1								2.50	hvo	2.50	hvo	felt	Kilauea crater; felt-hnp	Eaton and Krivoy, 1958a
8/21/58	0:42:57	19	23.0	155	54.0	milolii	5	5		67.0	67.2								3.8	hvo	3.80	hvo	V	felt-Kealakekua, Capt. cook; Capt. Cook (8/20)-widely felt, wakened, m-st jerking motion rapidly intensifying to st, v rapid vibration and jerks for few sec, then diminish w slow vibration and window rattle for >10 sec; Onouli-wakened, long, fairly strong	near Hookena; Eaton and Krivoy, 1958a; additional felt reports in HVO, unpub
8/21/58	12:20:00					hualalai?															2.50	hvo	III	Kealakekua-shake not long but quite strong, seemed to come from north, windows rattled on s side of house; Puu waawaa ranch has felt 6 small shakes since Sunday (8/17), 3 yesterday (8/20) am	not separately listed in Eaton and Krivoy, 1958a; date and time from felt report; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]; preferred magnitude [minimum] inferred from Eaton and Krivoy, 1958a, table 2
9/1/58	0:05:24	19	13.0	155	39.1	hilea	5	5		47.2	47.4								2.9	hvo	2.90	hvo		10 km e of Puu	Eaton and Krivoy, 1958a
9/7/58	2:02:07	19	11.4	155	11.70	kl kuer sf	10.0	10.0	29.5	28.1	29.8								3.40	hvo	3.40	hvo		10 km s of Apua pt	Eaton and Krivoy, 1958a
9/8/58	7:01:59	20	52.0	155	53.0	maui	40	40		172.2	176.7								3.4	hvo	3.40	hvo		15 km NE of Hana	Eaton and Krivoy, 1958a
9/8/58	16:06:10	19	26.0	155	16.30	kl cal 0-5	2.0	2.0	2.0	0.5	2.1								0.60	hvo	0.60	hvo	felt	NE rim Kilauea caldera; hnp-felt by one, small quake	Eaton and Krivoy, 1958a; HVO unpub
9/9/58	11:07:39	19	26.0	155	16.30	kl cal 0-5	2.0	2.0	2.0	0.5	2.1								1.70	hvo	1.70	hvo	felt	NE rim Kilauea caldera; hnp-felt by two	Eaton and Krivoy, 1958a; HVO unpub
9/17/58	1:47:35	19	44.0	156	22.7	hualalai os				121.8	122.2								2.9	hvo	2.90	hvo		25 km w of Keahole pt	Eaton and Krivoy, 1958a
9/18/58	4:13:48	19	17.1	155	4.70	kl mer sf deep?	45.0	45.0	25.0	25.8	51.9								3.10	hvo	3.10	hvo		13 km se of Makaopuhi crater	Eaton and Krivoy, 1958a
9/20/58	20:09:18	20	4.0	155	36.4	mauna kea deep	40	40		79.0	88.6								2.7	hvo	2.70	hvo		10 km e of Kamuela	Eaton and Krivoy, 1958a
9/28/58	20:48:06	19	9.2	155	35.2	mauna loa deep	25	25		45.9	52.2				no trace	no trace	4.29		3.8	hvo	4.04	aver	IV	10 km n of; preferred magnitude calculated as average of Honolulu and HVO; Hakalau-felt; hnp-felt; Hilo-2, felt by few, rapid, weak, dur 2 sec, windows rattled	Eaton and Krivoy, 1958a; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
9/29/58	1:08:49	20	14.8	155	42.0	kohala	25	25		101.3	104.4								2.5	hvo	2.50	hvo		20 km n of Kamuela	Eaton and Krivoy, 1958a
10/8/58	14:42:41	19	38.9	155	7.9	hilo	25	25		27.9	37.4								2.5	hvo	2.50	hvo		10 km SW of Hilo	Eaton and Krivoy, 1958b
10/9/58	4:57:10	19	34.0	155	42.0	ml nf	5	5		48.0	48.3								2.5	hvo	2.50	hvo		15 km NW of Mokuaweoweo	Eaton and Krivoy, 1958b
10/18/58	4:35:00					kl sf?													3.80	int	3.80	int	IV	volcano-awakened to loud rattling of window; Hilo-felt by two	not recorded (?) at HVO; date and time from felt report (HVO unpub)
10/21/58	10:20:45	19	11.8	155	5.50	kl mer sf os?	10.0	10.0	32.0	32.1	33.7								2.80	hvo	2.80	hvo		20 km SW of Kalapana	Eaton and Krivoy, 1958b

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
10/22/58	22:14:47	19	23.0	156	5.1	milolii os	15	15		86.4	87.7							2.8	hvo	2.80	hvo	IV	20 km w of Hookena; felt-Kealakekua; Capt. Cook->II, windows rattle and shake, jolt like dynamite charge; Kealakekua-building shook; Kainaliu-awakened, windows rattle	Eaton and Krivoy, 1958b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
10/22/58	23:43:28	19	12.5	155	19.00	kl kuer sf os	5.0	5.0		25.5	26.0			<4.57	<4.57	4.53		4.30	hvo	4.41	aver	V	felt-hnp to Kealakekua; hnp-felt; Pahala-felt by many in Kau, very strong; Capt. Cook-felt; [postcard time 23:50-24:00-should be earlier to agree w seismic summary felt info]; preferred magnitude calculated as average of HVO and Honolulu	Honolulu amplitude average of two readings; HTL high; Eaton and Krivoy, 1958b; HVO unpub
10/22/58	23:50:53	19	12.5	155	19.00	kl kuer sf os	5.0	5.0		25.5	26.0			no trace	no trace	3.56		3.90	hvo	3.75	aver		preferred magnitude calculated as average of HVO and Honolulu	Eaton and Krivoy, 1958b
10/23/58	3:21:19	19	12.5	155	19.00	kl kuer sf os	5.0	5.0		25.5	26.0							3.20	hvo	3.20	hvo			Eaton and Krivoy, 1958b
10/23/58	4:38:55	19	12.5	155	19.00	kl kuer sf os	5.0	5.0		25.5	26.0							3.50	hvo	3.50	hvo			Eaton and Krivoy, 1958b
10/23/58	12:23:23	19	12.5	155	19.00	kl kuer sf os	5.0	5.0		25.5	26.0			4.62	4.74	4.60		4.30	hvo	4.47	aver	IV	felt-Pahala; hnp-felt; Pahala-felt by many in Kau, very strong; Capt. Cook-felt; preferred magnitude calculated as average of HVO and Honolulu	Honolulu amplitude average of two readings; Eaton and Krivoy, 1958b; HVO unpub
10/24/58	17:24:12	19	12.5	155	19.00	kl kuer sf os	5.0	5.0		25.5	26.0							2.70	hvo	2.70	hvo			Eaton and Krivoy, 1958b
10/25/58	0:01:49	19	24.0	155	16.60	kl cal 10-20	15.0	15.0	4.0	3.8	15.5							2.50	hvo	2.50	hvo		s rim of Kilauea crater	Eaton and Krivoy, 1958b
10/26/58	19:39:28	19	53.8	155	24.5	mauna kea	15	15		53.7	55.7							2.7	hvo	2.70	hvo		10 km NE of Mauna Kea summit	Eaton and Krivoy, 1958b
10/29/58	19:55:27	19	54.1	155	32.0	mauna kea	5	5		59.2	59.4							2.8	hvo	2.80	hvo		20 km se of Kamuela	Eaton and Krivoy, 1958b
10/30/58	13:17:19	19	34.0	155	42.0	ml nf	30	30		48.0	56.6							2.6	hvo	2.60	hvo		15 km NW of Mokuaweoweo	Eaton and Krivoy, 1958b
10/31/58	3:55:37	20	9.0	155	24.5	kohala os	5	5		81.1	81.3							3.1	hvo	3.10	hvo		10 km NE of	Eaton and Krivoy, 1958b
11/1/58	8:52:16	19	13.2	155	33.9	hilea	15	15		39.3	42.1							3.0	hvo	3.00	hvo		10 km NW of Pahala	Eaton and Krivoy, 1958b
11/2/58	5:55:44	19	24.4	155	18.40	kl cal deep	30.0	30.0	4.5	5.1	30.4			<4.50	4.60	4.70		4.40	hvo	4.40	hvo	IV	4 km se of Uwekahuna, felt-hnp to Hilo; hnp/volcano-felt generally; Hilo-felt; Kapoho-felt, (ranch) wakened by gentle motion, e-w, 2 distinct waves dur 15 sec; Hilo-moderate, began gradually, dur 10 sec, pulsating rocking motion, felt generally	Honolulu amplitude average of two readings; Eaton and Krivoy, 1958b; HVO unpub
11/7/58	8:59:07	19	13.0	155	47.5	hilea	15	15		60.3	62.2							3.2	hvo	3.20	hvo		5 km w of Puu	Eaton and Krivoy, 1958b
11/10/58	1:36:54	19	17.6	155	13.50	kl cal deep	25.0	25.0	15.5	16.1	29.8							3.00	hvo	3.00	hvo		5 km NW of Apua pt	Eaton and Krivoy, 1958b
11/14/58	20:47:47	19	28.0	155	58.5	kona	5	5		74.7	74.9							3.0	hvo	3.00	hvo	III	8 km SW of Kealakekua; felt-Kealakekua; Capt. Cook-3, sharp shake, gentle shake, dur 2 sec; Kealakekua-brief, sharp jolt	Eaton and Krivoy, 1958b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/14/58	20:49:46	19	28.0	155	58.5	kona	5	5		74.7	74.9							2.6	hvo	2.60	hvo	felt	8 km SW of Kealakekua; Capt. Cook-felt as brief shake	Eaton and Krivoy, 1958b; HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
11/23/58	12:10:19	18	51.5	155	22.7	kl swr sf os deep	25.0	25.0		65.0	69.6							3.00	hvo	3.00	hvo	II	20 km se of Naalehu; Kealakekua (time given as 14:12, mistranscribed?)-gentle shake, preceding rumble, felt by person sitting	Eaton and Krivoy, 1958b; HVO, unpub
12/7/58	21:41:15	19	17.3	155	1.90	kl mer sf deep?	25.0	25.0	29.5	29.6	38.7							2.60	hvo	2.60	hvo		8 km SW of Kalapana	Eaton and Krivoy, 1958b
12/15/58	23:37:16	19	56.0	155	34.3	mauna kea	30	30		64.2	70.9							3.2	hvo	3.20	hvo		15 km se of Kamuela	Eaton and Krivoy, 1958b
12/23/58	21:17:35	19	19.5	155	27.2	mauna loa deep	25	25		23.0	34.0							3.4	hvo	3.40	hvo		5 km n of Kapapala	Eaton and Krivoy, 1958b
12/24/58	17:05:21	19	24.5	155	25.5	kaoiki	10	10		16.9	19.6							3.5	hvo	3.50	hvo		5 km w of Ohaikea	Eaton and Krivoy, 1958b
12/27/58	23:17:24	19	46.0	155	10.0	hilo deep	45	45		38.6	59.3			4.72	4.72	>4.07		4.5	hvo	4.50	hvo	IV; III (S&C)	7 km NW of Hilo; felt-Hilo to Kealakekua	time given as 9:17 am HST in Eaton and Krivoy, 1958b; observed time on Hon film record is 9:17 GMT on 12/28; Milne-Shaw magnitude agrees with hvo if Hon time accepted; Eaton and Krivoy, 1958b; HVO, unpub
12/27/58	23:17:24	19	46.0	155	10.0	do	do	do		do	do			4.72	4.72	>4.07		4.5	hvo	do	do	do	Capt. Cook (time 23:30)-awakened, very long, feeble but with three build-ups in intensity, loosened sections of a stone wall; hilo (time 23:17)-3 to 4, felt by most, rapid, moderate, dur 4 sec, sharp, seemed directly beneath	HVO, unpub [intensities-arabic numerals-in remarks column refer to HVO postcards]
12/31/58	0:55:42	19	19.0	155	50.0	milolii	15	15		61.1	62.9							2.7	hvo	2.70	hvo		10 km se of Hookena	Eaton and Krivoy, 1958b
1/1/59	18:36:00	19	21.0	155	56.0	milolii	15	15		70.9	72.4							2.5	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/2/59	0:19:39	19	25.0	155	26.0	kaoiki	5	5		17.6	18.3							2.8	hvo	2.80	hvo			Eaton and Krivoy, 1963a
1/2/59	4:15:08	19	29.0	155	56.0	kona	5	5		70.5	70.7							2.8	hvo	2.80	hvo			Eaton and Krivoy, 1963a
1/3/59	3:04:35	19	26.0	155	56.0	kona	10	10		70.3	71.0							2.5	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/3/59	18:25:38	19	26.0	155	16.00	kl cal deep	30.0	2.0		0.1	2.0							2.90	hvo	2.90	hvo			Eaton and Krivoy, 1963a
1/5/59	7:35:17	19	33.0	155	39.0	ml wf	5	5		42.4	42.7							2.6	hvo	2.60	hvo			Eaton and Krivoy, 1963a
1/5/59	15:41:34	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			deep earthquake swarm north of Kilauea caldera; Eaton and Krivoy, 1963a
1/5/59	16:25:26	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.90	hvo	2.90	hvo			Eaton and Krivoy, 1963a
1/5/59	16:35:31	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
1/5/59	18:00:10	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/5/59	18:07:22	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.60	hvo	2.60	hvo			Eaton and Krivoy, 1963a
1/5/59	19:30:42	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							3.20	hvo	3.20	hvo			Eaton and Krivoy, 1963a
1/5/59	20:55:13	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.70	hvo	2.70	hvo			Eaton and Krivoy, 1963a
1/5/59	21:13:04	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963a
1/5/59	22:03:46	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/5/59	22:09:04	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/5/59	22:33:17	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/5/59	22:34:03	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/5/59	22:54:53	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.90	hvo	2.90	hvo			Eaton and Krivoy, 1963a
1/5/59	23:01:02	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.90	hvo	2.90	hvo			Eaton and Krivoy, 1963a
1/6/59	0:21:24	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/6/59	2:39:24	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							3.00	hvo	3.00	hvo			Eaton and Krivoy, 1963a
1/6/59	4:01:32	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.70	hvo	2.70	hvo			Eaton and Krivoy, 1963a
1/6/59	4:09:21	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.90	hvo	2.90	hvo			Eaton and Krivoy, 1963a
1/6/59	4:25:13	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/6/59	4:35:18	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/6/59	5:13:03	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963a
1/6/59	5:46:49	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.90	hvo	2.90	hvo			Eaton and Krivoy, 1963a
1/6/59	6:36:26	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963a
1/6/59	6:42:17	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/6/59	10:38:20	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/6/59	11:50:24	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963a
1/6/59	12:08:35	20	45.0	155	32.0	maui east	15	15		149.1	149.9							3.6	hvo	3.60	hvo			Eaton and Krivoy, 1963a
1/6/59	13:20:54	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/6/59	14:51:12	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.70	hvo	2.70	hvo			Eaton and Krivoy, 1963a
1/6/59	19:03:14	19	29.0	155	13.00	kl gln deep	60.0	60.0		7.7	60.5							2.70	hvo	2.70	hvo			Eaton and Krivoy, 1963a
1/7/59	17:37:43	19	26.0	155	28.0	kaoiki	5	5		21.1	21.6							2.5	hvo	2.50	hvo			Eaton and Krivoy, 1963a
1/7/59	23:59:00					kl gln deep														4.47	calc		Preferred magnitude calculated as a Richter swarm	deep earthquake swarm north of Kilauea caldera; 571 events of M<2.5 with b = 1.5 whose magnitudes are not tabulated separately (Eaton and Krivoy, 1963a, p. 2)
1/10/59	8:58:32	19	19.0	155	10.00	kl mer sf	5.0	5.0		16.7	17.4							3.20	hvo	3.20	hvo			Eaton and Krivoy, 1963a
1/12/59	1:05:15	20	15.0	157	55.0	sw of lanai	15	15		293.8	294.2			3.45	no record	3.21		4.0	hvo	3.66	aver		preferred magnitude calculated as average of Honolulu and HVO	Eaton and Krivoy, 1963a
1/26/59	0:36:43	19	22.0	155	25.0	kaoiki	5	5		17.4	18.1							2.6	hvo	2.60	hvo		13 km NW of desert seismograph	Eaton and Krivoy, 1963a [lat and long given (19°24', 155°29') are inconsistent with described location]
1/29/59	16:10:45	19	25.0	155	17.00	kl cal 0-5	2.0	2.0		2.5	3.2							1.60	hvo	1.60	hvo	felt	felt-hnp	Eaton and Krivoy, 1963a
1/30/59	1:16:17	19	22.0	155	25.0	kaoiki	10	10		17.4	20.1							2.7	hvo	2.70	hvo			Eaton and Krivoy, 1963a
1/30/59	5:32:41	19	19.0	155	7.00	kl mer sf	10.0	10.0		20.5	22.8							2.90	hvo	2.90	hvo	felt	felt-Hilo	Eaton and Krivoy, 1963a
2/5/59	13:28:12	20	0.0	155	34.0	mauna kea	15	15		70.5	72.1							2.7	hvo	2.70	hvo			Eaton and Krivoy, 1963a
2/9/59	23:28:51	19	21.0	155	17.00	kl koae	10.0	10.0		9.4	13.7							3.50	hvo	3.50	hvo	felt	felt-Hilo, hnp	Eaton and Krivoy, 1963a
2/10/59	14:01:44	19	23.0	155	25.0	kaoiki	5	5		16.7	17.5							2.6	hvo	2.60	hvo			Eaton and Krivoy, 1963a
2/10/59	19:10:27	19	13.0	155	13.00	kl kuer sf	5.0	5.0		24.6	25.1							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
2/13/59	2:30:40	19	22.0	155	19.00	kl koae	5.0	5.0		9.0	10.3							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a
2/17/59	19:50:53	19	45.0	156	12.0	hualalai os	15	15		104.5	105.6							3.0	hvo	3.00	hvo			Eaton and Krivoy, 1963a
2/19/59	19:58:01	19	21.0	155	9.00	kl mer sf	5.0	5.0		15.4	16.2			no trace	no trace	3.81		4.00	hvo	3.90	aver	felt	felt-Capt. cook, Honokaa, Hilo, hnp; preferred magnitude calculated as average of HVO and Honolulu	Eaton and Krivoy, 1963a
2/19/59	20:00:28	19	21.0	155	9.00	kl mer sf	5.0	5.0		15.4	16.2			4.62	4.90	5.11		4.50	hvo	4.69	aver	III (S&C)	felt-Capt. cook, Honokaa, Hilo, hnp; preferred magnitude calculated as average of HVO and Honolulu	Honolulu data is average of two readings; Eaton and Krivoy, 1963a
2/19/59	20:35:04	19	21.0	155	9.00	kl mer sf	5.0	5.0		15.4	16.2			no record	no record	no record		3.50	hvo	3.50	hvo	felt	felt-Capt. cook, Honokaa, Hilo, hnp	Eaton and Krivoy, 1963a
2/20/59	16:04:08	19	13.0	156	23.0	milolii os	10	10		120.1	120.5							3.4	hvo	3.40	hvo			Eaton and Krivoy, 1963a
2/26/59	0:10:27	19	29.0	156	28.0	kona os	15	15		126.6	127.5							3.4	hvo	3.40	hvo			Eaton and Krivoy, 1963a
2/28/59	0:24:17	19	13.0	155	32.0	hilea	5	5		37.0	37.3							3.2	hvo	3.20	hvo			Eaton and Krivoy, 1963a
2/28/59	6:54:54	19	26.0	155	29.0	kaoiki	5	5		22.8	23.4							3.2	hvo	3.20	hvo			Eaton and Krivoy, 1963a
3/5/59	5:32:10	19	20.0	155	13.00	kl kuer sf	5.0	5.0		12.3	13.3							3.50	hvo	3.50	hvo	felt	felt-Kapapala to Hilo	Eaton and Krivoy, 1963a
3/6/59	16:45:15	19	44.0	156	12.0	hualalai os	15	15		103.9	105.0			no trace	no trace	4.20		4.0	hvo	4.10	aver	felt	felt-Capt. cook; preferred magnitude calculated as average of Honolulu and HVO	Eaton and Krivoy, 1963a
3/9/59	4:25:42	19	50.0	155	38.0	ml nf	15	15		58.9	60.8							3.5	hvo	3.50	hvo	felt	felt-Pohakuloa	Eaton and Krivoy, 1963a
3/9/59	10:16:33	19	22.0	155	26.0	kaoiki	10	10		19.0	21.5							2.8	hvo	2.80	hvo			Eaton and Krivoy, 1963a
3/10/59	21:08:58	19	23.0	155	20.00	kl swr	10.0	10.0		8.9	13.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963a

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor N L	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
3/12/59	7:44:55	20	1.0	155	25.0	mauna kea	15	15		66.8	68.5			no trace	no trace	3.68		4.0	hvo	3.84	aver	felt	felt-Kukuihaele; preferred magnitude calculated as average of Honolulu and HVO	Eaton and Krivoy, 1963a
3/17/59	7:49:07	19	24.0	155	32.0	kaoiki	5	5		28.3	28.8							3.5	hvo	3.50	hvo	felt	felt-hnp, Capt. cook	Eaton and Krivoy, 1963a
3/21/59	5:37:31	19	26.0	155	33.0	kaoiki	15	15		29.8	33.4							2.7	hvo	2.70	hvo			Eaton and Krivoy, 1963a
3/22/59	0:40:19	19	26.0	155	16.00	kl cal deep	35.0	35.0		0.1	35.0							3.00	hvo	3.00	hvo			Eaton and Krivoy, 1963a
3/22/59	0:58:01	19	26.0	155	30.0	kaoiki	5	5		24.6	25.1							2.6	hvo	2.60	hvo			Eaton and Krivoy, 1963a
3/24/59	1:16:52	19	23.0	155	16.00	kl cal 05-10	10.0	10.0		5.5	11.4							2.60	hvo	2.60	hvo			Eaton and Krivoy, 1963a
3/25/59	7:27:14	20	2.0	155	25.0	mauna kea	15	15		68.6	70.2							2.7	hvo	2.70	hvo			Eaton and Krivoy, 1963a
3/25/59	12:51:13	19	14.0	155	11.00	kl kuer sf	15.0	15.0		23.9	28.2							3.00	hvo	3.00	hvo			Eaton and Krivoy, 1963a
3/29/59	10:52:31	19	23.0	155	18.00	kl cal 05-10	9.5	9.5		6.5	11.5							2.60	hvo	2.60	hvo			Eaton and Krivoy, 1963a
3/30/59	1:39:01	19	12.0	155	33.0	hilea	5	5		39.5	39.8							3.2	hvo	3.20	hvo			Eaton and Krivoy, 1963a
4/4/59	7:23:18	19	26.0	155	27.0	kaoiki	5	5		19.3	19.9							2.8	hvo	2.80	hvo			Eaton and Krivoy, 1963b
4/5/59	0:10:09	20	54.0	154	57.0	maui east?	15	15		166.5	167.2							3.3	hvo	3.30	hvo			Eaton and Krivoy, 1963b
4/12/59	23:49:28	19	20.0	155	14	kl kuer sf	3.0	3.0		11.6	12.0							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963b
4/13/59	17:38:30	19	27.0	155	26.0	kaoiki	8	8		17.6	19.4							2.5	hvo	2.50	hvo			Eaton and Krivoy, 1963b
4/20/59	10:31:42	19	59.0	155	27.0	mauna kea	10	10		64.2	64.9							2.7	hvo	2.70	hvo			Eaton and Krivoy, 1963b
4/24/59	17:33:50	20	43.0	156	3.0	maui	35	35		164.9	168.6							3.5	hvo	3.50	hvo			Eaton and Krivoy, 1963b
4/28/59	15:19:55	20	2.0	155	30.0	mauna kea	10	10		71.1	71.8							3.1	hvo	3.10	hvo			Eaton and Krivoy, 1963b
5/5/59	23:59:00	19	30.5	155	16	kl gln deep	65.0	65.0	5.0	8.4	65.5									3.16	calc		Preferred magnitude calculated as a Richter swarm	deep earthquake swarm north of Kilauea caldera; 60 events of M≤2.2 with b = 1.5, whose magnitudes are not tabulated separately (Eaton and Krivoy, 1963b, p. 1)
5/7/59	14:21:37	19	22.0	155	18	kl cal deep	30.0	30.0		8.2	31.1							3.10	hvo	3.10	hvo			Eaton and Krivoy, 1963b
5/7/59	15:16:38	19	44.0	155	23.0	ml nf	15	15		35.6	38.6							2.5	hvo	2.50	hvo			Eaton and Krivoy, 1963b
5/20/59	6:35:00	19	23.0	155	19	kl cal deep	30.0	30.0		7.6	31.0							3.50	hvo	3.50	hvo			Eaton and Krivoy, 1963b
5/23/59	11:35:03	19	20.0	155	50.0	kona	5	5		60.7	60.9							2.8	hvo	2.80	hvo			Eaton and Krivoy, 1963b
5/24/59	15:28:27	19	10.0	156	20.0	milolii os	15	15		116.3	117.2							3.0	hvo	3.00	hvo			Eaton and Krivoy, 1963b
5/24/59	19:59:25	19	21.0	155	34.0	kaoiki	5	5		32.9	33.3							2.7	hvo	2.70	hvo			Eaton and Krivoy, 1963b
5/26/59	8:41:02	20	11.0	155	31.0	kohala	15	15		87.5	88.8							2.6	hvo	2.60	hvo			Eaton and Krivoy, 1963b
5/26/59	8:41:03	19	59.0	155	40.0	mauna kea	30	30		74.3	80.1							3.0	hvo	3.00	hvo			Eaton and Krivoy, 1963b
6/3/59	4:31:29	20	55.0	156	10.0	maui	15	15		190.3	190.9							3.3	hvo	3.30	hvo	felt	felt-Maui	Eaton and Krivoy, 1963b
6/6/59	5:08:28	20	3.0	155	40.0	kohala	35	35		80.5	87.8							3.4	hvo	3.40	hvo			Eaton and Krivoy, 1963b
6/7/59	20:41:01	19	5.0	155	24	kl swr sf os	10.0	10.0		41.3	42.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963b
6/7/59	21:21:05	19	26.0	155	28.0	kaoiki	5	5		21.1	21.6							2.7	hvo	2.70	hvo			Eaton and Krivoy, 1963b
6/9/59	21:25:50	19	23.0	155	25.0	kaoiki	5	5		16.7	17.5							2.8	hvo	2.80	hvo	felt	felt-hnp	Eaton and Krivoy, 1963b
6/16/59	9:06:15	19	24.0	155	28.0	kaoiki	5	5		21.4	21.9							3.3	hvo	3.30	hvo			Eaton and Krivoy, 1963b
6/22/59	14:28:09	19	19.0	155	45.0	ml swr	5	5		52.5	52.8							3.0	hvo	3.00	hvo			Eaton and Krivoy, 1963b
6/24/59	20:01:18	19	26.0	155	36.0	ml mok	15	15		35.1	38.2							3.7	hvo	3.70	hvo	felt	felt-hnp to Capt. cook	Eaton and Krivoy, 1963b
6/25/59	16:11:30	19	15.0	155	31.0	hilea	5	5		33.3	33.6							2.6	hvo	2.60	hvo			Eaton and Krivoy, 1963b
6/26/59	12:16:34	19	13.0	156	22.0	milolii os	15	15		118.4	119.4			no trace	no trace	4.15		4.2	hvo	4.18	aver	felt	felt-Capt. cook; preferred magnitude calculated as average of Honolulu and HVO	Eaton and Krivoy, 1963b
6/28/59	2:52:57	19	29.0	155	56.0	kona	5	5		70.5	70.7							2.6	hvo	2.60	hvo			Eaton and Krivoy, 1963b
7/7/59	15:41:21	19	39.0	155	4.0	hilo deep	40	40		32.1	51.3							2.6	hvo	2.60	hvo			Eaton and Krivoy, 1963c
7/8/59	12:40:55	19	22.0	155	26.0	kaoiki	5	5		19.0	19.7							2.5	hvo	2.50	hvo			Eaton and Krivoy, 1963c
7/8/59	14:56:36	19	27.0	155	24.0	kaoiki	5	5		14.1	15.0							2.7	hvo	2.70	hvo			Eaton and Krivoy, 1963c
7/10/59	2:19:17					kona	5	5	67	67.0	67.2							2.0	hvo	2.00	hvo	felt	felt-Capt. cook	Eaton and Krivoy, 1963c
7/12/59	11:37:16	19	15.0	155	33.0	hilea	5	5		36.1	36.5							2.9	hvo	2.90	hvo			Eaton and Krivoy, 1963c
7/13/59	9:52:01	19	17.0	154	47	kl ler sf	15.0	15.0		53.6	55.7							2.60	hvo	2.60	hvo			Eaton and Krivoy, 1963c
7/13/59	22:21:00	19	3.0	155	23	kl swr sf deep	25.0	25.0		44.3	50.9							3.00	hvo	3.00	hvo			Eaton and Krivoy, 1963c
7/19/59	21:00:49	20	3.0	155	50.0	kohala	15	15		91.0	92.2							2.5	hvo	2.50	hvo			Eaton and Krivoy, 1963c
7/28/59	16:51:01	19	17.0	155	3	kl mer sf	10.0	10.0		28.3	30.0							3.00	hvo	3.00	hvo			Eaton and Krivoy, 1963c
7/29/59	15:27:29					milolii	5	5	64	64.0	64.2							3.0	hvo	3.00	hvo	felt	felt-Capt. cook	Eaton and Krivoy, 1963c
7/31/59	18:43:54	19	25.0	155	36.0	mauna loa deep	30	30		35.2	46.2							3.5	hvo	3.50	hvo	felt	felt-hnp	Eaton and Krivoy, 1963c
8/9/59	4:08:30	19	21.0	155	18	kl cal deep	32.0	32.0		9.9	33.5							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/11/59	1:45:42	19	31.0	155	29.0	ml ner	5	5		24.6	25.1							2.8	hvo	2.80	hvo			Eaton and Krivoy, 1963c
8/12/59	16:12:51	19	44.0	156	16.0	hualalai os	15	15		110.6	111.6							3.4	hvo	3.40	hvo	felt	felt-Capt. cook, Kealakekua	Eaton and Krivoy, 1963c
8/14/59	7:07:41	19	26.0	155	17	kl cal deep	30.0	30.0		1.7	30.0							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/14/59	23:44:54	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.50	hvo	2.50	hvo			deep earthquake swarm north of Kilauea caldera; Eaton and Krivoy, 1963c
8/14/59	23:51:54	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/15/59	0:55:00	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							3.10	hvo	3.10	hvo			Eaton and Krivoy, 1963c
8/15/59	1:30:38	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							3.40	hvo	3.40	hvo			Eaton and Krivoy, 1963c
8/15/59	1:49:55	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963c
8/15/59	2:04:14	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.90	hvo	2.90	hvo			Eaton and Krivoy, 1963c
8/15/59	2:05:50	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963c

Date	Time (HST)	Lat (deg)	Lat (min)	Lon (deg)	Lon (min)	Region	Publ. Depth	Pref. Depth	Publ. Dist.	Calc. Dist	Slant dist	Mag class	M nomo	M M S E-W	M M-S N-S	M vert SPN	M hor NL	M other	M (other) source	M pref	M (pref) source	I (max)	Location/felt report	Comment
8/15/59	3:18:10	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.70	hvo	2.70	hvo			Eaton and Krivoy, 1963c
8/15/59	3:44:31	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.70	hvo	2.70	hvo			Eaton and Krivoy, 1963c
8/15/59	5:09:38	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.70	hvo	2.70	hvo			Eaton and Krivoy, 1963c
8/15/59	5:48:21	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							3.40	hvo	3.40	hvo			Eaton and Krivoy, 1963c
8/15/59	6:05:56	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							3.00	hvo	3.00	hvo			Eaton and Krivoy, 1963c
8/15/59	6:08:59	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							3.10	hvo	3.10	hvo			Eaton and Krivoy, 1963c
8/15/59	6:11:11	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							3.10	hvo	3.10	hvo			Eaton and Krivoy, 1963c
8/15/59	6:29:27	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							3.40	hvo	3.40	hvo			Eaton and Krivoy, 1963c
8/15/59	6:42:17	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/15/59	8:05:22	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/15/59	8:38:36	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.70	hvo	2.70	hvo			Eaton and Krivoy, 1963c
8/15/59	8:41:52	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.70	hvo	2.70	hvo			Eaton and Krivoy, 1963c
8/15/59	9:08:39	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/15/59	9:19:06	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963c
8/15/59	17:01:56	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/15/59	17:22:16	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963c
8/15/59	19:31:52	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							3.00	hvo	3.00	hvo			Eaton and Krivoy, 1963c
8/15/59	19:35:59	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.90	hvo	2.90	hvo			Eaton and Krivoy, 1963c
8/15/59	19:58:14	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963c
8/15/59	20:42:09	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							3.20	hvo	3.20	hvo			Eaton and Krivoy, 1963c
8/15/59	20:48:56	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963c
8/15/59	21:39:11	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/15/59	22:25:38	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/15/59	23:52:39	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/16/59	1:34:31	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963c
8/16/59	1:56:19	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/16/59	3:34:41	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/16/59	7:05:42	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/16/59	8:29:30	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/16/59	10:47:46	19	22.0	155	16	kl cal deep	20.0	20.0		7.4	21.3							2.60	hvo	2.60	hvo			Eaton and Krivoy, 1963c
8/17/59	0:46:39	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/17/59	2:02:34	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/17/59	2:13:56	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.70	hvo	2.70	hvo			Eaton and Krivoy, 1963c
8/17/59	2:33:48	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.80	hvo	2.80	hvo			Eaton and Krivoy, 1963c
8/17/59	22:04:45	19	29.0	155	18	kl gln deep	54.0	54.0		6.6	54.4							2.90	hvo	2.90	hvo			Eaton and Krivoy, 1963c
8/18/59	4:34:38	19	28.0	155	19	kl gln deep	49.0	49.0		6.4	49.4							2.50	hvo	2.50	hvo			Eaton and Krivoy, 1963c
8/18/59	13:54:50	19	17.0	154	57	kl mer sf deep?	45.0	45.0		37.3	58.5			no trace	no trace	det?		4.00	hvo	4.00	hvo	felt	felt-hnp, Hilo	Eaton and Krivoy, 1963c
8/20/59	23:59:00					kl gln deep	51.5	51.5		6.5	51.9									4.75	calc		Preferred magnitude calculated as a Richter swarm	deep Glenwood earthquake swarm; 2358 events of M<2.5 with b = 1.5 whose magnitudes are not tabulated separately (Eaton and Krivoy, 1963c, p. 2, 10-13)
8/25/59	3:06:16	19	57.0	155	21.0	mauna kea	10	10		58.2	59.0							3.5	hvo	3.50	hvo	felt	felt-Hilo	Eaton and Krivoy, 1963c
9/1/59	21:22:16	19	51.0	155	4.0	mauna kea deep	50	50		51.0	71.4							2.8	hvo	2.80	hvo			Eaton and Krivoy, 1963c
9/2/59	6:08:48	19	0.0	155	41.0	ml swr	5	5		65.2	65.3							2.5	hvo	2.50	hvo			Eaton and Krivoy, 1963c
9/5/59	23:33:51	19	18.0	155	53.0	milolii	10	10		66.6	67.4							2.5	hvo	2.50	hvo			Eaton and Krivoy, 1963c
9/11/59	22:55:01	18	57.0	156	43.0	milolii os	15	15		162.0	162.7							3.0	hvo	3.00	hvo			Eaton and Krivoy, 1963c
9/12/59	7:44:21	16	36.0	155	3.0	hilo	25	25		315.9	316.8							2.5	hvo	2.50	hvo			Eaton and Krivoy, 1963c
9/13/59	18:31:25	18	59.0	155	32.0	kl swr sf os deep	35.0	35.0		57.3	67.2							2.40	hvo	2.40	hvo			in catalog
9/14/59	7:01:27	20	6.0	155	50.0	kohala	15	15		95.2	96.4							2.6	hvo	2.60	hvo			Eaton and Krivoy, 1963c
9/14/59	23:57:15	19	45.0	157	59.0	molokai?	15	15		288.6	288.9							3.3	hvo	3.30	hvo			Eaton and Krivoy, 1963c
9/16/59	10:50:22	19	49.0	155	55.0	hualalai	10	10		80.7	81.3							2.9	hvo	2.90	hvo			Eaton and Krivoy, 1963c
9/18/59	11:05:54	19	41.0	155	10.0	hilo deep	40	40		29.8	49.9							3.1	hvo	3.10	hvo	felt	felt-hnp, Hilo	Eaton and Krivoy, 1963c
9/18/59	14:50:04	19	24.0	155	6	kl mer	5.0	5.0		18.0	18.7			no record	no record	no record		4.00	hvo	4.00	hvo	felt	felt-hnp, Hilo	Eaton and Krivoy, 1963c
9/20/59	16:11:07	19	28.0	155	53.0	kona	10	10		65.1	65.9							2.5	hvo	2.50	hvo			Eaton and Krivoy, 1963c