Date	Time (HST)	Lat deg	Lat min	Lon deg	Lon min	Region	Publ Depth	M M-S E-W	M M-S N-S	M vert	M hor N-L	M other publ	M other comp	M other source	M pref	M pref source	I (max)	Location/felt report	Comment
10/4/59	5:37:08	20	45.3	155	40.79	off chain	12.28	4.41	4.15	3.73			4.6	hvo	4.39	aver			
10/21/59	3:10:03					oahu		3.06	3.16	M>2.64					3.11	hono		felt-oahu	not recorded by hvo network
11/11/59	7:22:54	20	0.64	157	53.9	off chain	16.32		3.66	4.24		4.3	3.8	hvo	3.73	hvo			
11/23/59	18:01:40	20	19.32	155	35.49	kohala	43.37	4.13		3.80			4.4	hvo	4.27	aver			
12/30/59	13:14:32	19	22.87	154	15.13	kl ler sf	3.53						4.1	hvo	4.10	hvo			
1/18/60	18:26:47	19	21.02	155	47.27	kona	7.03	4.33		3.70			4.7	hvo	4.52	aver			
1/29/60	09:10:21	19	23.71	155	14.73	kl cal 05-10	5.06	M<4.22	M<4.12	4.46			4.2	hvo	4.20	hvo			high
2/12/60	16:34:38	19	20.29	155	14.59	kl kuer sf	4.57			3.81			4.1	hvo	4.10	hvo			
3/8/60	09:51:11	19	17.16	154	26.24	kl ler os	7.1	4.06		3.59			4.1	hvo	4.08	aver			
3/23/60	17:53:00	19	23.76	155	15.57	kl cal deep	21.63			3.36			4.0	hvo	4.00	hvo			
4/29/60	6:13:04	19	40.18	155	42.06	mauna kea	6.33	4.03	4.03	3.22			4.7	hvo	4.26	aver			
5/8/60	6:28:39	19	19.95	155	18.6	kl cal deep	26.56	4.73	4.26	4.61		4.5	4.4	hvo	4.46	aver			
5/12/60	11:18:09	19	16.5	155	24.53	kl cal deep	24.8	4.55	4.76	4.56			4.3	hvo	4.54	aver			
6/7/60	12:19:21	18	53.28	155	11.8	loihi	11.17					4.1	4.2	hvo	4.20	hvo			
6/20/60	12:58:24	19	22.76	155	21.21	ml mok deep	30.24					4.5	4.6	hvo	4.60	hvo			
6/20/60	13:14:30	18	54.85	155	45.19	kl sf os	6.99	no record	no record	no record		4.3	4.6	hvo	4.60	hvo			
6/21/60	10:56:46	19	23.41	155	17.82	kl swr	0.03	no record	no record	no record		4.3	3.8	hvo	3.80	hvo			
8/4/60	5:32:59	19	19.93	156	10.66	kona	2.21		4.08	4.33			4.0	hvo	4.04	aver			
8/11/60	1:47:18	19	54.61	155	36.39	mauna kea	11.41						4.0	hvo	4.00	aver			
8/28/60	18:00:15	20	10.68	156	39.88	off chain	6.87	4.31	4.31	4.31			4.0	hvo	4.21	aver			
9/12/60	19:35:00					oahu		M<2.11	M<2.07	M<1.32		1.5?		hono	1.50	hono		felt-oahu	average of two readings; not recorded by hvo network
9/18/60	20:00:35	17	18.28	156	50.33	off chain	6.93	4.46	4.55	3.12		4.1	4.2	hvo	4.40	aver			
9/26/60	4:25:00					oahu		M<2.02	2.02	1.24		1.2		hono	2.02	aver		felt-oahu	average of two readings; not recorded by hvo network
10/8/60	17:27:15	19	28.36	155	24.35	kaoiki	12.17	4.45	4.36	3.88			4.3	hvo	4.37	aver			
12/13/60	12:06:52	19	30.25	155	13.21	kl gln deep	1.21	4.93	4.86			4.2	4.0	hvo	4.60	aver			
12/13/60	12:08:16	19	24.08	155	17.32	kl cal deep	33.46	5.40	5.33				4.3	hvo	5.01	aver			
12/25/60	02:56:28	19	12.42	155	42.78	kl swr sf	0.01	5.33	5.16	4.85			4.6	hvo	5.03	aver			
1/2/61	20:30:16	21	9.55	155	20.09	off chain	7.34						4.0	hvo	4.00	hvo			
1/7/61	3:57:47	19	50.12	156	25.39	off chain	6.32						4.1	hvo	4.10	hvo			
1/15/61	0:44:42	19	54.13	155	36.1	mauna kea	8.3						4.2	hvo	4.20	hvo			
1/21/61	01:39:37	19	13.4	155	39.69	kl swr	9.99	no record	no record	no record			4.8	hvo	4.80	hvo			
4/3/61	0:35:48	19	22.94	155	32.12	ml mok	3.56		4.13	3.22		4.1	3.5	hvo	3.82	aver			
5/19/61	00:31:50	19	12.07	155	23.32	kl cal deep	39.98	M<4.00	M<4.33	4.65			4.0	hvo	4.00	hvo			average of two readings
5/26/61	22:12:45	19	27.09	155	27.05	kaoiki	6.77		3.88	3.64		4.1	4.2	hvo	4.04	aver			
6/29/61	04:09:30	19	23.6	155	15.76	kl cal deep	28.19	5.16	4.76	4.56		4.2	4.3	hvo	4.74	aver			
7/23/61	05:24:15	19	22.56	155	16.8	kl cal deep	26.15	5.50	5.43	5.70		4.6	4.2	hvo	5.04	aver			catalog magnitude low
7/23/61	05:28:23	19	23.6	155	17.95	kl cal deep	23.78	4.43	4.43	5.45		4.2	4.4	hvo	4.42	aver			mag agreement ok
7/23/61	05:36:50	19	24	155	17.86	kl cal deep	35.1			4.14			3.1	hvo	3.10	hvo			
7/23/61	06:44:00					kl cal deep				3.86				hvo	3.86	hono			not in catalog
8/20/61	23:44:29	20	26.48	156	26.06	alenuihaha	7		3.53	3.13		4.2	4.3	hvo	3.92	aver			
8/25/61	8:45:35	19	49.84	155	5.2	mauna kea	43.53	5.26	5.07	5.25		4.5	4.6	hvo	4.98	aver			
9/22/61	17:01:19	18	20.07	154	51.88	off chain	7					5.8	5.6	hvo	5.60	hvo			130 km s of hawaii
9/24/61	19:25:11	19	26.59	155	7.13	kl gln	1.22	no trace	no trace	no trace		3.8	4.0	hvo	4.00	hvo			mag agreement ok
9/24/61	19:28:53	19	17.42	154	59.02	kl mer sf	8.52	no record	no record	no record		4.5	4.3	hvo	4.30	hvo			catalog mag high?
9/24/61	20:29:22	19	18.43	155	1.43	kl mer sf	9.18	no record	no record	no record			4.3	hvo	4.30	hvo			catalog mag high?
11/21/61	23:22:40	19	23.15	155	13.29	kl cal deep	23.84	M<4.12	M<4.12	4.66		3.8	4.1	hvo	4.10	hvo		hilo, hnp, n kona	high
11/23/61	17:14:31	19	23.25	155	15.77	kl cal deep	28.36	M<4.12	M<4.12	4.44		3.8	3.7	hvo	3.70	hvo		hnp	high
11/25/61	13:26:03	19	23.94	155	16.59	kl cal deep	28.68	M<4.22	M<4.12	4.58		3.7	4.0	hvo	4.00	hvo		n kona, hnp	high
11/27/61	1:32:35	19	24.63	155	16.97	maui	35.31	3.86	3.86	3.05		5.0	3.5	hvo	3.74	aver		n of maui??	dep
12/2/61	18:58:00	19	22.72	155	15.64	kl cal deep	29.42	M<4.52	4.30	4.54		3.9	4.2	hvo	4.25	aver		all hawaii island	average of two readings; catalog mag low for felt report-4.3?
12/31/61	08:52:10	19	21.76	155	14.63	kl cal deep	27.57	4.37	4.37	4.64		3.9	4.2	hvo	4.31	aver		hnp	mag agreement ok; HTL high

Date	Time (HST)	Lat deg	Lat min	Lon deg	Lon min	Region	Publ Depth	M M-S E-W	M M-S N-S	M vert	M hor N-L	M other publ	M other comp	M other source	M pref	M pref source	I (max)	Location/felt report	Comment
1/7/62	02:57:54	19	26.71	155	3.38	kl sf os??	4.3	M<4.92	M<4.62	4.69		4.0	4.2	hvo	4.20	hvo		all hawaii island	average of two readings; HTL high?
2/10/62	16:00:48	18	36.17	154	57.93	kl sf os??	4	<4.32	<4.10	<3.81		4.0	4.4	hvo	4.40	hvo			
3/9/62	23:46:17	19	44.8	155	57.99	hualalai	0.01			3.79			4.0	hvo	4.00	hvo		felt-half hawaii island	
3/23/62	14:56:47	19	24.69	155	16.15	kl cal deep	28.62	4.70	4.82	no record		4.4	3.8	hvo	4.76	hono		all hawaii island	average of two readings; hvo mag low
3/30/62	18:15:55	19	25	155	16.71	kl cal deep	29.22	5.36	5.26	4.69		4.5	4.4	hvo	5.31	hono		all hawaii island	average of two readings; HTL and hvo mag low
4/6/62	17:38:04	19	21.33	155	2.83	kl mer sf	0.01					3.8	3.7	hvo	3.70	hvo			mag agreement ok
4/24/62	3:04:50	19	22.38	155	27.53	kaoiki	10.61					4.0	4.2	hvo	4.20	hvo		felt-all hawaii island	
5/10/62	05:56:05	19	25	155	14.7	kl cal deep	29.74	4.67	4.57	4.65		4.3	4.4	hvo	4.55	aver		all hawaii island	average of three readings; mag agreement ok
5/11/62	06:37:24	19	24.17	155	15.73	kl cal deep	26.41	M<4.12	M<4.12	4.26			3.7	hvo	3.98	aver		east half hawaii island	average of two readings; hvo mag low for felt report
5/23/62	22:58:10	19	17.36	155	19.37	kl swr sf deep	45.92					3.7	3.6	hvo	3.60	hvo		all hawaii island	
6/4/62	23:35:22	19	16.63	155	13.57	kl kuer sf	9.95	record missing	record missing	record missing			3.9	hvo	3.90	hvo		hilo, pohakuloa, puna, pahala, volcano	
6/13/62	16:34:53	19	31.34	155	39.24	kl cal deep??	29.78	record missing	record missing	record missing			4.3	hvo	4.30	hvo		all hawaii island	
6/27/62	18:27:14	19	23.89	155	27.1	kaoiki	10.18	record missing	record missing	record missing		6.1	6.1	hvo	6.10	hvo	VI	felt-hawaii, maui, oahu (VI)	
6/28/62	3:36:57	19	26.47	155	26.66	kaoiki	3.34	record missing	record missing	record missing		3.7	3.8	hvo	3.80	hvo		felt-hilo	
7/14/62	7:37:49	19	44.1	155	35.12	mauna kea	11.3			4.26		4.0	3.9	hvo	3.90	hvo		felt-all hawaii island	
7/23/62	23:52:41	19	21.96	156	4.49	kona	1.45					4.5	3.8	hvo	3.80	hvo		felt-w coast hawaii island	
7/24/62	17:48:15	19	31.43	155	56.88	kona	0.05	4.21	3.70	4.30		4.9	4.7	hvo	4.20	aver			
7/31/62	03:24:16	19	18.79	155	2.87	kl kuer sf	7.87					3.7	4.1	hvo	4.10	hvo		hilo	
8/17/62	23:30:07	19	11.83	155	36.31	hilea	9.12			3.50			4.0	hvo	4.00	hvo		felt-south half hawaii island	
8/18/62	16:58:43	19	16.81	155	12.41	kl kuer sf	10.45	4.85	4.60	5.21		4.6	4.5	hvo	4.65	aver		all hawaii island	hvo mag low; HTL high
9/8/62	03:58:56	18	50.51	154	58.56	kl sf os	16.31	M<4.17	M<4.17	4.78		4.1	4.4	hvo	4.40	hvo		hilo, hnp	high
9/10/62	19:11:16	19	18.79	155	12.83	kl sf??	32.02					3.6	3.9	hvo	3.90	hvo		east hawaii island	
9/11/62	07:22:50	19	27.87	155	13.44	kl gln deep	23.27	M<3.90	M<4.12	4.41		3.7	3.8	hvo	3.80	hvo		all hawaii island	average of two readings; hvo mag low for felt report?; HTL high
9/11/62	07:25:28	19	28.82	155	13.21	kl gln deep	22.47			4.04		3.6	3.7	hvo	3.70	hvo		all hawaii island	hvo mag low for felt report?
11/22/62	04:26:10	19	20.75	155	4.58	kl kuer sf	0.01	<4.25	<4.07	<3.66		3.9	4.2	hvo	4.20	hvo			mag agreement ok
11/22/62	05:18:21	19	20.99	155	2.94	kl kuer sf	0.47	5.06	5.07	4.65		4.1	4.3	hvo	5.06	hono		hnp to hilo	average of two readings; m-s mag seems high, hvo mag low for felt report-4.5?
12/13/62	21:36:19	19	21.74	155	14.95	kl cal deep	26.71	4.54	4.51	5.02		3.7	4.2	hvo	4.42	aver		all hawaii island	average of two readings; hvo mag low
12/28/62	01:06:10	19	19.41	155	1.36	kl kuer sf	9.42	M<4.07	M<4.17	4.37			4.1	hvo	4.10	hvo		east half hawaii island	average of two readings; mag agreement ok
12/30/62	17:47:19	19	10.09	155	33.64	ml swr	0.02			3.43		4.0	4.1	hvo	4.10	hvo		felt-half hawaii island	
1/8/63	09:39:00					kl cal deep		5.23	5.30			4.6	4.5	hvo	5.26	hono	V	all Hawaii island, Maui, Oahu (V)	hvo mag low; missing from catalog?
1/8/63	09:39:45	19	22.88	155	12.93	kl cal deep	31.56	5.33	5.29	5.42		4.3	4.5	hvo	5.31	hono		all hawaii island, maui, oahu	average of two readings; hvo mag low
1/8/63	10:04:00					kl cal deep		4.20	4.20	4.48				hvo	4.20	hono			average of two readings; missing from catalog; HTL high
1/8/63	15:40:00					kl cal deep				3.56				hvo	3.56	hono			missing from catalog
1/8/63	15:41:06	19	31.22	155	22.74	kl cal deep	0.01	4.52	4.46	4.88		4.2	4.0	hvo	4.33	aver		all hawaii island	average of two readings; hvo mag low
1/8/63	15:45:14	19	22.51	155	12.47	kl cal deep	38.59	M<4.20	M<4.02	4.26		3.4	3.6	hvo	3.93	aver			high
1/9/63	04:36:24	19	21.41	155	4.36	kl cal deep	7	M<4.37	M<4.12	4.55		3.2	3.6	hvo	4.07	aver		hawaii island	average of two readings; hvo mag low?; HTL high
1/9/63	05:19:00					kl cal deep				3.86				hvo	3.86	hono			missing from catalog; HTL high?

Date	Time (HST)	Lat deg	Lat min	Lon deg	Lon min	Region	Publ Depth	M M-S E-W	M M-S N-S	M vert	M hor N-L	M other publ	M other comp	M other source	M pref	M pref source	I (max)	Location/felt report	Comment
1/9/63	09:23:09					kl cal deep				4.21				hvo	4.21	hono			missing from catalog; HTL high?
2/17/63	9:07:46	19	45.76	156	43.95	kona os	12.08			4.33			4.1	hvo	4.10	hvo			
3/24/63	22:31:52	19	49.86	155	34.7	mauna kea	24.81	<4.02	4.02	4.64		4.5	4.3	hvo	4.16	aver		felt-hawaii island, maui	average of two readings
3/25/63	7:18:35	20	34.71	156	24.79	maui	3.55			3.84			3.9	hvo	3.90	hvo		felt-all maui	
5/19/63	2:21:26	19	12.06	155	30.19	hilea	8.43					3.9	4.1	hvo	4.10	hvo		felt-hnp, hilo, pahal, waiahinu	
6/6/63	22:25:39	19	7.73	155	37.55	hilea	19.46			3.75		4.2	4.3	hvo	4.30	hvo		felt-hilo, pahala, naalehu, waiohinu	
6/14/63	11:17:58	19	27.32	155	14.48	kl cal deep	23.73	M<4.12	M<3.90	4.26		3.7	3.5	hvo	3.50	hvo		hnp, kulani, n kona	average of two readings; hvo mag low?; HTL high
7/11/63	02:43:59	19	18.92	155	12.28	kl kuer sf	10.46			4.16			3.8	hvo	3.80	hvo		volcano to hilo	hvo mag low?
8/14/63	5:26:00					oahu		3.34	3.51	3.56			3.5	hono	3.45	aver		felt-oahu	not recorded by hvo network
8/26/63	8:49:18	19	21.2	155	25.17	kaoiki	11.68	5.05	4.95	4.62		4.9	4.7	hvo	4.90	aver			
9/21/63	6:24:24	19	14.38	155	32.81	kaoiki	18.14	4.75	4.55	4.62		4.8	4.7	hvo	4.67	aver			
9/22/63	6:26:17	19	19.33	155	24.28	kaoiki	8.76					3.5	3.6	hvo	3.60	hvo		felt-hilo, hnp, kapapala	
9/22/63	6:27:24	19	18.61	155	26.05	kaoiki	6.53					3.5	3.6	hvo	3.60	hvo		felt-hilo, hnp, kapapala	
10/11/63	16:52:48	19	5.75	155	1.79	kl ler?	17.16	<4.05	<4.17	4.27		3.8	4.2	hvo	4.20	hvo		hnp	mag agreement ok
10/23/63	10:24:07	19	22.94	155	25.71	kaoiki	8.12	5.23	5.15			5.3	4.5	hvo	4.96	aver			
10/23/63	11:24:47	19	21.41	155	24.54	kaoiki	8.49			3.80		3.8	3.9	hvo	3.90	hvo		felt-hilo, pahala, kapapala	
10/23/63	18:25:28	19	19.58	155	24.74	kaoiki	13.56			3.50		3.5	3.8	hvo	3.80	hvo		felt-hnp, kapapala, pahala	
10/25/63	15:29:33	19	21.78	155	26.77	kaoiki	0.94			3.80		3.8	4.0	hvo	4.00	hvo		felt-hnp, kapapala, pahala	
11/3/63	21:23:26	20	10.92	155	24.56	kohala	17.54			3.99		3.7	3.6	hvo	3.60	hvo		felt-half hawaii island	
11/15/63	09:01:27	19	24.77	155	14.11	kl cal deep	26.66	4.07	<3.90	4.83		3.8	3.9	hvo	3.99	aver		half hawaii island	average of two readings; hvo mag low; htl mag high