

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
10/4/59	5:37:00	10/4/59	15:37:00	E-W (M-S)	0.9	3.90	1.0	1		4.41	4.28	4.60	hvo				
10/4/59	5:37:00	10/4/59	15:37:00	N-S (M-S)	0.5	3.90	1.0	1		4.15	4.28	4.60	hvo				
10/4/59	5:37:00	10/4/59	15:37:00	SP Vert (HTL)	10.0	3.90	1.0	1	light trace-min reading	3.73	4.28	4.60	hvo				
10/21/59	3:10:00	10/21/59	13:10:00	E-W (M-S)	0.8	2.60	1.0	1		3.06				oahu-ulupau head	IV-V	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu;
10/21/59	3:10:00	10/21/59	13:10:00	N-S (M-S)	1.0	2.60	1.0	1		3.16				oahu-ulupau head	IV-V	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu;
10/21/59	3:10:00	10/21/59	13:10:00	SP Vert (HTL)	5.0	2.60			offscale; minimum mag	2.64				oahu-ulupau head	IV-V	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu;
11/11/59	7:22:00	11/11/59	17:22:00	E-W (M-S)		3.90			no trace		>3.63	4.30	hvo				
11/11/59	7:22:00	11/11/59	17:22:00	N-S (M-S)	0.6	3.90	2.0	2	no trace; threshold mag	3.66	>3.63	4.30	hvo				
11/11/59	7:22:00	11/11/59	17:22:00	SP Vert (HTL)	8.0	3.90	1.0	1	light trace; min amp	4.24	>3.63	4.30	hvo				
11/23/59	18:01:00	11/24/59	4:01:00	E-W (M-S)	2.0	3.85	2.0	2	no trace; threshold mag	4.13	4.40	4.40	hvo				
11/23/59	18:01:00	11/24/59	4:01:00	N-S (M-S)		3.85			unreadable		4.40	4.40	hvo				
11/23/59	18:01:00	11/24/59	4:01:00	SP Vert (HTL)	5.0	3.85	0.7	1		3.80	4.40	4.40	hvo				
12/30/59	13:11:00	12/30/59	23:11:00	E-W (M-S)		4.30			no trace; fuzzy record			4.10	hvo	kl ler sf os			
12/30/59	13:11:00	12/30/59	23:11:00	N-S (M-S)		4.30			no trace; fuzzy record			4.10	hvo	kl ler sf os			
12/30/59	13:11:00	12/30/59	23:11:00	SP Vert (HTL)		4.30			no trace; fuzzy record			4.10	hvo	kl ler sf os			
1/18/60	18:26:00	1/19/60	4:26:00	E-W (M-S)	2.0	4.05	2.0	2	no trace; threshold mag	4.33	4.70	4.70	hvo				
1/18/60	18:26:00	1/19/60	4:26:00	N-S (M-S)		4.05			no trace		4.70	4.70	hvo				
1/18/60	18:26:00	1/19/60	4:26:00	SP Vert (HTL)	2.5	4.05	0.5	1		3.70	4.70	4.70	hvo				
1/29/60	9:10:00	1/29/60	19:10:00	E-W (M-S)	0.5	4.30	1.5	1.5	no trace; threshold mag	4.22		4.20	hvo	kl cal 05-10			
1/29/60	9:10:00	1/29/60	19:10:00	N-S (M-S)	0.4	4.30	1.5	1.5	no trace; threshold mag	4.12		4.20	hvo				
1/29/60	9:10:00	1/29/60	19:10:00	SP Vert (HTL)	5.0	4.30	0.5	1		4.51		4.20	hvo				
1/29/60	9:10:00	1/29/60	19:10:00	E-W (M-S)		4.30			no repeat			4.20	hvo	kl cal 05-10			
1/29/60	9:10:00	1/29/60	19:10:00	N-S (M-S)		4.30			no repeat			4.20	hvo				
1/29/60	9:10:00	1/29/60	19:10:00	SP Vert (HTL)	4.0	4.30	1.0	1	repeat	4.41		4.20	hvo				
2/12/60	16:34:00	2/13/60	2:34:00	E-W (M-S)		4.30			no trace			4.10	hvo	kl kuer sf			
2/12/60	16:34:00	2/13/60	2:34:00	N-S (M-S)		4.30			no trace			4.10	hvo				
2/12/60	16:34:00	2/13/60	2:34:00	SP Vert (HTL)	1.0	4.30	1.0	1	no trace; threshold mag	3.81		4.10	hvo				
3/8/60	9:51:00	3/8/60	19:51:00	E-W (M-S)	0.6	4.30	2.0	2	no trace; threshold mag	4.06		4.10	hvo	kl ler os			
3/8/60	9:51:00	3/8/60	19:51:00	N-S (M-S)		4.30			no trace			4.10	hvo				
3/8/60	9:51:00	3/8/60	19:51:00	SP Vert (HTL)	0.6	4.30	0.5	1	no trace; threshold mag	3.59		4.10	hvo				
3/23/60	17:52:00	3/24/60	3:52:00	E-W (M-S)		4.30			no trace			4.00	hvo	kl cal deep			
3/23/60	17:52:00	3/24/60	3:52:00	N-S (M-S)		4.30			no trace			4.00	hvo				
3/23/60	17:52:00	3/24/60	3:52:00	SP Vert (HTL)	0.5	4.30	0.5	1	no trace; threshold mag	3.36		4.00	hvo				
4/29/60	6:13:00	4/29/60	16:13:00	E-W (M-S)	1.0	4.05	2.0	2	no trace; threshold mag; high frequency seismogram	4.03	4.70	4.70	hvo				
4/29/60	6:13:00	4/29/60	16:13:00	N-S (M-S)	1.0	4.05	2.0	2	no trace; threshold mag	4.03	4.70	4.70	hvo				

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
4/29/60	6:13:00	4/29/60	16:13:00	SP Vert (HTL)	3.0	4.05	0.5	1	min amp	3.22	4.70	4.70	hvo				
5/8/60	6:28:00	5/8/60	16:28:00	E-W (M-S)	1.2	4.10	1.0	1		4.73	4.49	4.50	hvo				
5/8/60	6:28:00	5/8/60	16:28:00	N-S (M-S)	0.4	4.10	1.0	1		4.26	4.49	4.50	hvo				
5/8/60	6:28:00	5/8/60	16:28:00	SP Vert (HTL)	10.0	4.10	0.5	1	light trace; min amp	4.61	4.49	4.50	hvo				
5/12/60	11:18:00	5/12/60	21:18:00	E-W (M-S)	0.5	4.30	1.0	1		4.55		4.30	hvo	kl cal deep			
5/12/60	11:18:00	5/12/60	21:18:00	N-S (M-S)	0.8	4.30	1.0	1		4.76		4.30	hvo				
5/12/60	11:18:00	5/12/60	21:18:00	SP Vert (HTL)	8.0	4.30	0.5	1	light trace; min mag	4.56		4.30	hvo				
6/7/60	12:19:00	6/7/60	22:19:00	E-W (M-S)		4.30			no film record			4.10	hvo				
6/7/60	12:19:00	6/7/60	22:19:00	N-S (M-S)		4.30			no film record			4.10	hvo				
6/7/60	12:19:00	6/7/60	22:19:00	SP Vert (HTL)		4.30			no film record			4.10	hvo				
6/20/60	12:58:00	6/20/60	22:58:00	E-W (M-S)		4.10			no film record			4.50	hvo				
6/20/60	12:58:00	6/20/60	22:58:00	N-S (M-S)		4.10			no film record			4.50	hvo				
6/20/60	12:58:00	6/20/60	22:58:00	SP Vert (HTL)		4.10			no film record			4.50	hvo				
6/20/60	13:14:00	6/20/60	23:14:00	E-W (M-S)		4.30			no film record			4.30	hvo	kl swr			
6/20/60	13:14:00	6/20/60	23:14:00	N-S (M-S)		4.30			no film record			4.30	hvo				
6/20/60	13:14:00	6/20/60	23:14:00	SP Vert (HTL)		4.30			no film record			4.30	hvo				
6/21/60	10:56:00	6/21/60	20:56:00	E-W (M-S)		4.30			no film record			4.30	hvo	kl swr			
6/21/60	10:56:00	6/21/60	20:56:00	N-S (M-S)		4.30			no film record			4.30	hvo				
6/21/60	10:56:00	6/21/60	20:56:00	SP Vert (HTL)		4.30			no film record			4.30	hvo				
8/4/60	5:32:00	8/4/60	15:32:00	E-W (M-S)		4.05			no trace			4.00	hvo				
8/4/60	5:32:00	8/4/60	15:32:00	N-S (M-S)	0.3	4.05	1.0	1	detected	4.08		4.00	hvo				
8/4/60	5:32:00	8/4/60	15:32:00	SP Vert (HTL)	10.0	4.05	0.5	1	light trace; min amp	4.33		4.00	hvo				
8/11/60	1:47:00	8/11/60	11:47:00	E-W (M-S)		4.10			no film record			4.00	hvo				
8/11/60	1:47:00	8/11/60	11:47:00	N-S (M-S)		4.10			no film record			4.00	hvo				
8/11/60	1:47:00	8/11/60	11:47:00	SP Vert (HTL)		4.10			no film record			4.00	hvo				
8/28/60	18:00:00	8/29/60	4:00:00	E-W (M-S)	0.8	3.85	1.0	1		4.31	4.15	4.00	hvo				
8/28/60	18:00:00	8/29/60	4:00:00	N-S (M-S)	0.8	3.85	1.0	1		4.31	4.15	4.00	hvo				
8/28/60	18:00:00	8/29/60	4:00:00	SP Vert (HTL)	9.0	3.85	0.5	1	light trace; min amp	4.31	4.15	4.00	hvo				
9/13/60	5:35:00	9/13/60	15:35:00	E-W (M-S)	0.6	2.20	1.5	1.5	no trace; threshold mag	2.20				oahu	III	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu;
9/13/60	5:35:00	9/13/60	15:35:00	N-S (M-S)	0.5	2.20	1.5	1.5	no trace; threshold mag	2.12				oahu	III	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu;
9/13/60	5:35:00	9/13/60	15:35:00	SP Vert (HTL)	0.6	2.20	1.0	1	no trace; threshold mag	1.32				oahu	III	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu;
9/13/60	5:35:00	9/13/60	15:35:00	E-W (M-S)	0.4	2.20	1.5	1.5	repeat; no trace; threshold mag	2.02							

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9/13/60	5:35:00	9/13/60	15:35:00	N-S (M-S)	0.4	2.20	1.5	1.5	repeat; no trace; threshold mag	2.02							
9/13/60	5:35:00	9/13/60	15:35:00	SP Vert (HTL)	0.6	2.20	1.0	1	repeat; no trace; threshold mag	1.32							
9/18/60	20:00:00	9/19/60	6:00:00	E-W (M-S)	0.4	4.30	1.0	1	no trace; threshold mag	4.46	4.10	4.10	hvo				
9/18/60	20:00:00	9/19/60	6:00:00	N-S (M-S)	0.5	4.30	1.0	1	no trace; threshold mag	4.55	4.10	4.10	hvo				
9/18/60	20:00:00	9/19/60	6:00:00	SP Vert (HTL)	0.5	4.30	0.5	1	no trace; threshold mag	3.12	4.10	4.10	hvo				
9/26/60	4:25:00	9/26/60	14:25:00	E-W (M-S)	0.4	2.20	1.5	1.5	no trace; threshold mag	2.02				oahu	III-IV	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu;
9/26/60	4:25:00	9/26/60	14:25:00	N-S (M-S)	0.4	2.20	1.5	1.5		2.02				oahu	III-IV	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu;
9/26/60	4:25:00	9/26/60	14:25:00	SP Vert (HTL)	0.5	2.20	1	1		1.24				oahu	III-IV	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu;
10/8/60	17:27:00	10/9/60	3:27:00	E-W (M-S)	0.5	4.20	1.0	1		4.45	4.31	4.30	hvo				
10/8/60	17:27:00	10/9/60	3:27:00	N-S (M-S)	0.4	4.20	1.0	1		4.36	4.31	4.30	hvo				
10/8/60	17:27:00	10/9/60	3:27:00	SP Vert (HTL)	7.0	4.20	0.5	1		3.88	4.31	4.30	hvo				
12/13/60	12:06:00	12/13/60	22:06:00	E-W (M-S)	1.2	4.30	1.0	1	deep	4.93		4.20	hvo	glenwood deep			
12/13/60	12:06:00	12/13/60	22:06:00	N-S (M-S)	1.0	4.30	1.0	1		4.86		4.20	hvo				
12/13/60	12:06:00	12/13/60	22:06:00	SP Vert (HTL)		4.30			record missing			4.20	hvo				
12/13/60	12:08:00	12/13/60	22:08:00	E-W (M-S)	3.5	4.30	1.0	1	deep	5.40		4.30	hvo	kl cal deep			
12/13/60	12:08:00	12/13/60	22:08:00	N-S (M-S)	3.0	4.30	1.0	1		5.33		4.30	hvo				
12/13/60	12:08:00	12/13/60	22:08:00	SP Vert (HTL)		4.30			record missing			4.30	hvo				
12/25/60	2:56:00	12/25/60	12:56:00	E-W (M-S)	3.0	4.30	1.0	1	noisy record	5.33		4.60	hvo	kl swr			
12/25/60	2:56:00	12/25/60	12:56:00	N-S (M-S)	2.0	4.30	1.0	1	noisy record	5.16		4.60	hvo				
12/25/60	2:56:00	12/25/60	12:56:00	SP Vert (HTL)	11.0	4.30	0.5	1		4.85		4.60	hvo				
1/2/61	20:30:00	1/3/61	6:30:00	E-W (M-S)		3.90			no film record			4.00	hvo				
1/2/61	20:30:00	1/3/61	6:30:00	N-S (M-S)		3.90			no film record			4.00	hvo				
1/2/61	20:30:00	1/3/61	6:30:00	SP Vert (HTL)		3.90			no film record			4.00	hvo				
1/7/61	3:57:00	1/7/61	13:57:00	E-W (M-S)		3.95			no film record			4.10	hvo				
1/7/61	3:57:00	1/7/61	13:57:00	N-S (M-S)		3.95			no film record			4.10	hvo				
1/7/61	3:57:00	1/7/61	13:57:00	SP Vert (HTL)		3.95			no film record			4.10	hvo				
1/15/61	0:44:00	1/15/61	10:44:00	E-W (M-S)		4.10			no film record			4.20	hvo				
1/15/61	0:44:00	1/15/61	10:44:00	N-S (M-S)		4.10			no film record			4.20	hvo				
1/15/61	0:44:00	1/15/61	10:44:00	SP Vert (HTL)		4.10			no film record			4.20	hvo				
1/21/61	1:39:00	1/21/61	11:39:00	E-W (M-S)		4.30			no film record			4.80	hvo	kl swr			

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1/21/61	1:39:00	1/21/61	11:39:00	N-S (M-S)		4.30			no film record			4.80	hvo				
1/21/61	1:39:00	1/21/61	11:39:00	SP Vert (HTL)		4.30			no film record			4.80	hvo				
4/3/61	0:35:00	4/3/61	10:35:00	E-W (M-S)		4.10			record damaged		4.10	4.10	hvo				
4/3/61	0:35:00	4/3/61	10:35:00	N-S (M-S)	0.3	4.10	1.0	1		4.13	4.10	4.10	hvo				
4/3/61	0:35:00	4/3/61	10:35:00	SP Vert (HTL)	1.0	4.10	0.5	0.5	no trace; threshold mag	3.22	4.10	4.10	hvo				
5/19/61	0:31:00	5/19/61	10:31:00	E-W (M-S)	0.3	4.30	1.0	1	no trace; threshold mag	4.33		4.00	hvo	kl cal deep			
5/19/61	0:31:00	5/19/61	10:31:00	N-S (M-S)	0.3	4.30	1.5	1.5	no trace; threshold mag	4.00		4.00	hvo				
5/19/61	0:31:00	5/19/61	10:31:00	SP Vert (HTL)	11.0	4.30	0.5	0.5		4.70		4.00	hvo				
5/19/61	0:31:00	5/19/61	10:31:00	E-W (M-S)		4.30			no repeat			4.00	hvo	kl cal deep			
5/19/61	0:31:00	5/19/61	10:31:00	N-S (M-S)		4.30			no repeat			4.00	hvo				
5/19/61	0:31:00	5/19/61	10:31:00	SP Vert (HTL)	9.0	4.30	1.0	1	repeat	4.61		4.00	hvo				
5/26/61	22:12:00	5/27/61	8:12:00	E-W (M-S)		4.20			no trace			4.10	hvo				
5/26/61	22:12:00	5/27/61	8:12:00	N-S (M-S)	0.5	4.20	2.0	2	no trace; threshold mag	3.88		4.10	hvo				
5/26/61	22:12:00	5/27/61	8:12:00	SP Vert (HTL)	1.0	4.20	0.5	0.5	no trace; threshold mag	3.64		4.10	hvo				
6/29/61	4:09:00	6/29/61	14:09:00	E-W (M-S)	2.0	4.30	1.0	1		5.16		4.20	hvo	kl cal deep			
6/29/61	4:09:00	6/29/61	14:09:00	N-S (M-S)	0.8	4.30	1.0	1		4.76		4.20	hvo				
6/29/61	4:09:00	6/29/61	14:09:00	SP Vert (HTL)	8.0	4.30	0.5	0.5	light trace	4.56		4.20	hvo				
7/23/61	5:24:00	7/23/61	15:24:00	E-W (M-S)	36.0	4.30			superposed on teleseism-amp est	5.50	na	4.60	catalog?	kl cal deep		catalog magnitude low	
7/23/61	5:24:00	7/23/61	15:24:00	N-S (M-S)	30.0	4.30			film poor-amp est; period short	5.43	na	4.60	catalog?	kl cal deep		catalog magnitude low	
7/23/61	5:24:00	7/23/61	15:24:00	SP Vert (HTL)	110.0	4.30	1.0	1	film time 15:25; s-p = 32 s	5.70	na	4.60	catalog?	kl cal deep		catalog magnitude low	
7/23/61	5:28:00	7/23/61	15:28:00	E-W (M-S)	3.0	4.30			film poor-amp est; period short	4.43	na	4.20	catalog?	kl cal deep		mag agreement ok	
7/23/61	5:28:00	7/23/61	15:28:00	N-S (M-S)	3.0	4.30			film poor-amp est; period short	4.43	na	4.20	catalog?	kl cal deep		mag agreement ok	
7/23/61	5:28:00	7/23/61	15:28:00	SP Vert (HTL)	62.0	4.30	1.0	1	S-P = 32 sec; duration = 135 s	5.45	na	4.20	catalog?	kl cal deep		mag agreement ok	
7/23/61	5:37:00	7/23/61	15:37:00	E-W (M-S)		4.30			assume no trace		na	3.10	catalog?	kl cal deep			
7/23/61	5:37:00	7/23/61	15:37:00	N-S (M-S)		4.30			no trace		na	3.10	catalog?	kl cal deep			
7/23/61	5:37:00	7/23/61	15:37:00	SP Vert (HTL)	3.0	4.30	1.0	1		4.14	na	3.10	catalog?	kl cal deep			
7/23/61	6:44:00	7/23/61	16:44:00	E-W (M-S)		4.30					na			kl cal deep		not in catalog	
7/23/61	6:44:00	7/23/61	16:44:00	N-S (M-S)		4.30					na			kl cal deep		not in catalog	
7/23/61	6:44:00	7/23/61	16:44:00	SP Vert (HTL)	1.6	4.30	1.0	1		3.86	na			kl cal deep		not in catalog	
8/20/61	23:44:00	8/21/61	9:44:00	E-W (M-S)		3.85			no trace			4.20	hvo	n of kohala			
8/20/61	23:44:00	8/21/61	9:44:00	N-S (M-S)	0.5	3.85	2.0	2	no trace; threshold mag	3.53		4.20	hvo				
8/20/61	23:44:00	8/21/61	9:44:00	SP Vert (HTL)	1.0	3.85	0.5	1	no trace; threshold mag	3.13		4.20	hvo				
8/25/61	8:45:00	8/25/61	18:45:00	E-W (M-S)	4.0	4.10	1.0	1		5.26		4.50	hvo	mauna kea			
8/25/61	8:45:00	8/25/61	18:45:00	N-S (M-S)	2.6	4.10	1.0	1		5.07		4.50	hvo				
8/25/61	8:45:00	8/25/61	18:45:00	SP Vert (HTL)	44.0	4.10	0.5	1		5.25		4.50	hvo				
9/22/61	17:01:00	9/23/61	3:01:00	E-W (M-S)		4.30			no film record			5.80	hvo	130 km s of hawaii			
9/22/61	17:01:00	9/23/61	3:01:00	N-S (M-S)		4.30			no film record			5.80	hvo				

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
9/22/61	17:01:00	9/23/61	3:01:00	SP Vert (HTL)		4.30			no film record			5.80	hvo				
9/24/61	19:25:00	9/25/61	5:25:00	E-W (M-S)		4.30			no trace		na	3.80	catalog?	glenwood		mag agreement ok	
9/24/61	19:25:00	9/25/61	5:25:00	N-S (M-S)		4.30			no trace		na	3.80	catalog?	glenwood		mag agreement ok	
9/24/61	19:25:00	9/25/61	5:25:00	SP Vert (HTL)		4.30			no trace		na	3.80	catalog?	glenwood		mag agreement ok	
9/24/61	19:28:00	9/25/61	5:28:00	E-W (M-S)		4.30			no record		na	4.50	catalog?	kl mer sf		catalog mag high?	
9/24/61	19:28:00	9/25/61	5:28:00	N-S (M-S)		4.30			no record		na	4.50	catalog?	kl mer sf		catalog mag high?	
9/24/61	19:28:00	9/25/61	5:28:00	SP Vert (HTL)		4.30			no record		na	4.50	catalog?	kl mer sf		catalog mag high?	
9/24/61	20:29:00	9/25/61	6:29:00	E-W (M-S)		4.30			no record		na	4.30	catalog?	kl mer sf		catalog mag high?	
9/24/61	20:29:00	9/25/61	6:29:00	N-S (M-S)		4.30			no record		na	4.30	catalog?	kl mer sf		catalog mag high?	
9/24/61	20:29:00	9/25/61	6:29:00	SP Vert (HTL)		4.30			no record		na	4.30	catalog?	kl mer sf		catalog mag high?	
11/21/61	23:22:39	11/22/61	9:22:39.3	E-W (M-S)	0.4	4.30	1.5	1.5	no trace; threshold mag	4.12	na	3.80	hvo	kl cal deep		catalog mag somewhat low?	hilo, hnp, n kona
11/21/61	23:22:39	11/22/61	9:22:39.3	N-S (M-S)	0.4	4.30	1.5	1.5	no trace; threshold mag	4.12	na	3.80	hvo	kl cal deep		catalog mag somewhat low?	hilo, hnp, n kona
11/21/61	23:22:39	11/22/61	9:22:39.3	SP Vert (HTL)	10.0	4.30	1.0	1	s-p = 32 s	4.66	na	3.80	hvo	kl cal deep		catalog mag somewhat low?	hilo, hnp, n kona
11/21/61	23:22:39	11/22/61	9:22:39.3	E-W (M-S)		4.30			no repeat		na	3.80	hvo	kl cal deep		catalog mag somewhat low?	hilo, hnp, n kona
11/21/61	23:22:39	11/22/61	9:22:39.3	N-S (M-S)		4.30			no repeat		na	3.80	hvo	kl cal deep		catalog mag somewhat low?	hilo, hnp, n kona
11/21/61	23:22:39	11/22/61	9:22:39.3	SP Vert (HTL)	10.0	4.30	1.0	1	repeat	4.66	na	3.80	hvo	kl cal deep		catalog mag somewhat low?	hilo, hnp, n kona
11/23/61	17:14:31	11/24/61	3:14:30.6	E-W (M-S)	0.4	4.30	1.5	1.5	no trace; threshold mag	4.12	na	3.80	hvo	kl cal deep		mag agreement ok	hnp
11/23/61	17:14:31	11/24/61	3:14:30.6	N-S (M-S)	0.4	4.30	1.5	1.5	no trace; threshold mag	4.12	na	3.80	hvo	kl cal deep		mag agreement ok	hnp
11/23/61	17:14:31	11/24/61	3:14:30.6	SP Vert (HTL)	6.0	4.30	1.0	1		4.44	na	3.80	hvo	kl cal deep		mag agreement ok	hnp
11/23/61	17:14:31	11/24/61	3:14:30.6	E-W (M-S)		4.30			no repeat		na	3.80	hvo	kl cal deep		mag agreement ok	hnp
11/23/61	17:14:31	11/24/61	3:14:30.6	N-S (M-S)		4.30			no repeat		na	3.80	hvo	kl cal deep		mag agreement ok	hnp
11/23/61	17:14:31	11/24/61	3:14:30.6	SP Vert (HTL)	4.0	4.30	1.0	1	repeat	4.26	na	3.80	hvo	kl cal deep		mag agreement ok	hnp
11/25/61	13:26:03	11/25/61	23:26:3.0	E-W (M-S)	0.5	4.30	1.5	1.5	no trace; threshold mag	4.22	na	3.70	hvo	kl cal deep		catalog mag somewhat low?	n kona, hnp
11/25/61	13:26:03	11/25/61	23:26:3.0	N-S (M-S)	0.4	4.30	1.5	1.5	no trace; threshold mag	4.12	na	3.70	hvo	kl cal deep		catalog mag somewhat low?	n kona, hnp
11/25/61	13:26:03	11/25/61	23:26:3.0	SP Vert (HTL)	8.0	4.30	1.0	1		4.56	na	3.70	hvo	kl cal deep		catalog mag somewhat low?	n kona, hnp
11/25/61	13:26:03	11/25/61	23:26:3.0	E-W (M-S)		4.30			no repeat		na	3.70	hvo	kl cal deep		catalog mag somewhat low?	n kona, hnp
11/25/61	13:26:03	11/25/61	23:26:3.0	N-S (M-S)		4.30			no repeat		na	3.70	hvo	kl cal deep		catalog mag somewhat low?	n kona, hnp
11/25/61	13:26:03	11/25/61	23:26:3.0	SP Vert (HTL)	9.0	4.30	1.0	1	repeat	4.61	na	3.70	hvo	kl cal deep		catalog mag somewhat low?	n kona, hnp
11/27/61	1:32:00	11/27/61	11:32:00	E-W (M-S)	1.2	3.80	2.0	2	no trace; threshold mag	3.86		5.00	hvo	n of maui		mislocated on hvo net?	
11/27/61	1:32:00	11/27/61	11:32:00	N-S (M-S)	1.2	3.80	2.0	2	no trace; threshold mag	3.86		5.00	hvo				
11/27/61	1:32:00	11/27/61	11:32:00	SP Vert (HTL)	1.0	3.80	1.0	1	no trace; threshold mag	3.05		5.00	hvo				
12/2/61	18:58:00	12/3/61	4:57:59.8	E-W (M-S)	1.0	4.30	1.5	1.5	no trace; threshold mag detected; noise 0.4mm,	4.52	na	3.90	hvo	kl cal deep		catalog mag low for felt report-4.3?	all hawaii island
12/2/61	18:58:00	12/3/61	4:57:59.8	N-S (M-S)	0.6	4.30	1.5	1.5	1.5s	4.30	na	3.90	hvo	kl cal deep		catalog mag low for felt report-4.3?	all hawaii island
12/2/61	18:58:00	12/3/61	4:57:59.8	SP Vert (HTL)	7.0	4.30	1.0	1	s-p = 32 s	4.51	na	3.90	hvo	kl cal deep		catalog mag low for felt report-4.3?	all hawaii island

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
12/2/61	18:58:00	12/3/61	4:57:59.8	E-W (M-S)		4.30			no repeat		na	3.90	hvo	kl cal deep		catalog mag low for felt report-4.3?	all hawaii island
12/2/61	18:58:00	12/3/61	4:57:59.8	N-S (M-S)		4.30			no repeat		na	3.90	hvo	kl cal deep		catalog mag low for felt report-4.3?	all hawaii island
12/2/61	18:58:00	12/3/61	4:57:59.8	SP Vert (HTL)	8.0	4.30	1.0	1	repeat	4.56	na	3.90	hvo	kl cal deep		catalog mag low for felt report-4.3?	all hawaii island
12/31/61	8:52:10	12/31/61	18:52:09.9	E-W (M-S)	0.7	4.30	1.5	1.5	noise 0.4mm, 1.5s	4.37	na	3.90	hvo	kl cal deep		mag agreement prob ok	hnp
12/31/61	8:52:10	12/31/61	18:52:09.9	N-S (M-S)	0.7	4.30	1.0	1.5	noise 0.4mm, 1.5s	4.37	na	3.90	hvo	kl cal deep		mag too high-period too low?	hnp
12/31/61	8:52:10	12/31/61	18:52:09.9	SP Vert (HTL)	10.0	4.30		3	s-p approx 33 s	4.66	na	3.90	hvo	kl cal deep			hnp
12/31/61	8:52:10	12/31/61	18:52:09.9	E-W (M-S)		4.30			no repeat		na	3.90	hvo	kl cal deep		mag agreement prob ok	hnp
12/31/61	8:52:10	12/31/61	18:52:09.9	N-S (M-S)		4.30			no repeat		na	3.90	hvo	kl cal deep		mag too high-period too low?	hnp
12/31/61	8:52:10	12/31/61	18:52:09.9	SP Vert (HTL)	9.0	4.30	1.0	1	repeat	4.61	na	3.90	hvo	kl cal deep			hnp
1/7/62	2:57:53	1/7/62	12:57:53.4	E-W (M-S)	2.0	4.40	1.5	1.5	no trace; threshold mag	4.92	na	4.00	hvo	kl ler sf		mag agreement ok?	all hawaii island
1/7/62	2:57:53	1/7/62	12:57:53.4	N-S (M-S)	1.0	4.40	1.5	1.5	no trace; threshold mag	4.62	na	4.00	hvo	kl ler sf		mag agreement ok?	all hawaii island
1/7/62	2:57:53	1/7/62	12:57:53.4	SP Vert (HTL)	6.0	4.40	1.0	1		4.69	na	4.00	hvo	kl ler sf		mag agreement ok?	all hawaii island
1/7/62	2:57:53	1/7/62	12:57:53.4	E-W (M-S)		4.40			no repeat		na	4.00	hvo	kl ler sf		mag agreement ok?	all hawaii island
1/7/62	2:57:53	1/7/62	12:57:53.4	N-S (M-S)		4.40			no repeat		na	4.00	hvo	kl ler sf		mag agreement ok?	all hawaii island
1/7/62	2:57:53	1/7/62	12:57:53.4	SP Vert (HTL)	6.0	4.40	1.0	1	repeat	4.69	na	4.00	hvo	kl ler sf		mag agreement ok?	all hawaii island
2/10/62	16:00:47	2/11/62	2:00:46.6	E-W (M-S)	0.5	4.40	1.5	1.5	no trace; threshold mag	4.32	na	4.00	hvo	kl ler os			
2/10/62	16:00:47	2/11/62	2:00:46.6	N-S (M-S)	0.3	4.40	1.5	1.5	no trace; threshold mag	4.10	na	4.00	hvo	kl ler os			
2/10/62	16:00:47	2/11/62	2:00:46.6	SP Vert (HTL)	0.8	4.40	1.0	1	no trace; threshold mag	3.81	na	4.00	hvo	kl ler os			
3/9/62	23:46:19	3/10/62	9:46:19.0	E-W (M-S)		3.95		3	noisy			4.00	hvo	hualalai			felt-half hawaii island
3/9/62	23:46:19	3/10/62	9:46:19.0	N-S (M-S)		3.95		3	no trace			4.00	hvo	hualalai			felt-half hawaii island
3/9/62	23:46:19	3/10/62	9:46:19.0	SP Vert (HTL)	2.5	3.95	1.0	1	s-p = 27 s	3.79		4.00	hvo	hualalai			felt-half hawaii island
3/23/62	14:56:47	3/24/62	0:56:46.6	E-W (M-S)	2.0	4.20	1.5	1.5		4.72	na	4.40	hvo	kl cal deep		hvo mag low	all hawaii island
3/23/62	14:56:47	3/24/62	0:56:46.6	N-S (M-S)	1.5	4.20	1.0	1		4.93	na	4.40	hvo	kl cal deep		hvo mag low	all hawaii island
3/23/62	14:56:47	3/24/62	0:56:46.6	SP Vert (HTL)		4.20			record missing		na	4.40	hvo	kl cal deep		hvo mag low	all hawaii island
3/23/62	14:56:47	3/24/62	0:56:46.6	E-W (M-S)	1.8	4.20	1.5	1.5	repeaat; noise 0.5mm, 1.5s	4.68	na	4.40	hvo	kl cal deep		hvo mag low	all hawaii island
3/23/62	14:56:47	3/24/62	0:56:46.6	N-S (M-S)	2.0	4.20	1.5	1.5	repeat; noise 0.5mm, 1.5s	4.72	na	4.40	hvo	kl cal deep		hvo mag low	all hawaii island
3/23/62	14:56:47	3/24/62	0:56:46.6	SP Vert (HTL)		4.20			record missing		na	4.40	hvo	kl cal deep		hvo mag low	all hawaii island
3/30/62	18:15:55	3/31/62	4:15:55.1	E-W (M-S)	4.0	4.20	1.0	1		5.36	na	4.50	hvo	kl cal deep		hvo mag low	all hawaii island
3/30/62	18:15:55	3/31/62	4:15:55.1	N-S (M-S)	3.5	4.20	1.0	1	corrected date	5.30	na	4.50	hvo	kl cal deep		hvo mag low	all hawaii island
3/30/62	18:15:55	3/31/62	4:15:55.1	SP Vert (HTL)	14.0	4.20	1.0	1	min. amp; s-p = 33 s	4.71	na	4.50	hvo	kl cal deep		hvo mag low	all hawaii island
3/30/62	18:15:55	3/31/62	4:15:55.1	E-W (M-S)	4.0	4.20	1.0	1	repeat	5.36	na	4.50	hvo	kl cal deep		hvo mag low	all hawaii island
3/30/62	18:15:55	3/31/62	4:15:55.1	N-S (M-S)	3.0	4.20	1.0	1	repeat	5.23	na	4.50	hvo	kl cal deep		hvo mag low	all hawaii island
3/30/62	18:15:55	3/31/62	4:15:55.1	SP Vert (HTL)	13.0	4.20	1.0	1	repeat	4.67	na	4.50	hvo	kl cal deep		hvo mag low	all hawaii island
4/6/62	17:38:03	4/7/62	3:38:02.7	E-W (M-S)		4.25		3	no trace		na	3.80	hvo	kl kuer sf		mag agreement ok	
4/6/62	17:38:03	4/7/62	3:38:02.7	N-S (M-S)		4.25		3	no trace		na	3.80	hvo	kl kuer sf		mag agreement ok	
4/6/62	17:38:03	4/7/62	3:38:02.7	SP Vert (HTL)		4.25		3	no trace-noisy record		na	3.80	hvo	kl kuer sf		mag agreement ok	

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
4/24/62	3:04:50	4/24/62	13:04:50.1	E-W (M-S)		4.20		3	record missing			4.00	hvo	kaoiki			felt-all hawaii island
4/24/62	3:04:50	4/24/62	13:04:50.1	N-S (M-S)		4.20		3	record missing			4.00	hvo	kaoiki			felt-all hawaii island
4/24/62	3:04:50	4/24/62	13:04:50.1	SP Vert (HTL)		4.20		3	record missing			4.00	hvo	kaoiki			felt-all hawaii island
5/10/62	5:56:05	5/10/62	15:56:04.9	E-W (M-S)	0.5	4.20	1.0	1		4.45	na	4.30	hvo	kl cal deep		later reading; mag agreement ok	all hawaii island
5/10/62	5:56:05	5/10/62	15:56:04.9	N-S (M-S)	0.5	4.20	1.0	1		4.45	na	4.30	hvo	kl cal deep		later reading; mag agreement ok	all hawaii island
5/10/62	5:56:05	5/10/62	15:56:04.9	SP Vert (HTL)	12.0	4.20	1.0	1	s-p = 34 s	4.64	na	4.30	hvo	kl cal deep		later reading; mag agreement ok	all hawaii island
5/10/62	5:56:05	5/10/62	15:56:04.9	E-W (M-S)	1.0	4.20	1.0	1	repeat	4.76	na	4.30	hvo	kl cal deep		earlier reading; mag agreement ok	all hawaii island
5/10/62	5:56:05	5/10/62	15:56:04.9	N-S (M-S)	0.5	4.20	1.0	1	repeat	4.45	na	4.30	hvo	kl cal deep		earlier reading; mag agreement ok	all hawaii island
5/10/62	5:56:05	5/10/62	15:56:04.9	SP Vert (HTL)	13.0	4.20	0.5	1	repeat	4.67	na	4.30	hvo	kl cal deep		earlier reading; mag agreement ok	all hawaii island
5/10/62	5:56:05	5/10/62	15:56:04.9	E-W (M-S)	1.1	4.20	1.0	1	repeat; noise 0.7mm, 1s	4.80	na	4.30	hvo	kl cal deep		earlier reading; mag agreement ok	all hawaii island
5/10/62	5:56:05	5/10/62	15:56:04.9	N-S (M-S)	1.1	4.20	1.0	1	repeat; noise 0.5mm, 1s	4.80	na	4.30	hvo	kl cal deep		earlier reading; mag agreement ok	all hawaii island
5/10/62	5:56:05	5/10/62	15:56:04.9	SP Vert (HTL)	12.0	4.20	0.5	1	repeat	4.64	na	4.30	hvo	kl cal deep		earlier reading; mag agreement ok	all hawaii island
5/11/62	6:37:23	5/11/62	16:37:23.4	E-W (M-S)	0.5	4.20	1.5	1.5	no trace; threshold mag	4.12	na	3.70	hvo	kl cal deep		hvo mag low for felt report-4.0?	east half hawaii island
5/11/62	6:37:23	5/11/62	16:37:23.4	N-S (M-S)	0.5	4.20	1.5	1.5	no trace; threshold mag	4.12	na	3.70	hvo	kl cal deep		hvo mag low for felt report-4.0?	east half hawaii island
5/11/62	6:37:23	5/11/62	16:37:23.4	SP Vert (HTL)	5.0	4.20	1.0	1		4.26	na	3.70	hvo	kl cal deep		hvo mag low for felt report-4.0?	east half hawaii island
5/11/62	6:37:23	5/11/62	16:37:23.4	E-W (M-S)		4.20			no repeat		na	3.70	hvo	kl cal deep		hvo mag low for felt report-4.0?	east half hawaii island
5/11/62	6:37:23	5/11/62	16:37:23.4	N-S (M-S)		4.20			no repeat		na	3.70	hvo	kl cal deep		hvo mag low for felt report-4.0?	east half hawaii island
5/11/62	6:37:23	5/11/62	16:37:23.4	SP Vert (HTL)	5.0	4.20	1.0	1	repeat	4.26	na	3.70	hvo	kl cal deep		hvo mag low for felt report-4.0?	east half hawaii island
5/23/62	22:58:10	5/24/62	8:58:09.9	E-W (M-S)		4.25		3	record missing		na	3.70	hvo	kl swr sf deep			all hawaii island
5/23/62	22:58:10	5/24/62	8:58:09.9	N-S (M-S)		4.25		3	record missing		na	3.70	hvo	kl swr sf deep			all hawaii island
5/23/62	22:58:10	5/24/62	8:58:09.9	SP Vert (HTL)		4.25		3	record missing		na	3.70	hvo	kl swr sf deep			all hawaii island
6/4/62	23:35:21	6/5/62	9:35:21.3	E-W (M-S)		4.25		3	record missing		na	3.90	hvo	kl kuer sf			hilo, pohakuloa, puna, pahala, volcano
6/4/62	23:35:21	6/5/62	9:35:21.3	N-S (M-S)		4.25		3	record missing		na	3.90	hvo	kl kuer sf			hilo, pohakuloa, puna, pahala, volcano
6/4/62	23:35:21	6/5/62	9:35:21.3	SP Vert (HTL)		4.25		3	record missing		na	3.90	hvo	kl kuer sf			hilo, pohakuloa, puna, pahala, volcano
6/13/62	16:34:55	6/14/62	2:34:55.3	E-W (M-S)		4.20		3	record missing		na	4.30	hvo	kl cal deep			all hawaii island

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
6/13/62	16:34:55	6/14/62	2:34:55.3	N-S (M-S)		4.20		3	record missing		na	4.30	hvo	kl cal deep			all hawaii island
6/13/62	16:34:55	6/14/62	2:34:55.3	SP Vert (HTL)		4.20		3	record missing		na	4.30	hvo	kl cal deep			all hawaii island
6/27/62	1:27:00	6/27/62	11:27:00	E-W (M-S)		4.20		3	record missing			6.10	hvo	kaoiki	VI		all Hawaii island, Maui, Oahu
6/27/62	1:27:00	6/27/62	11:27:00	N-S (M-S)		4.20		3	record missing			6.10	hvo	kaoiki	VI		all Hawaii island, Maui, Oahu
6/27/62	1:27:00	6/27/62	11:27:00	SP Vert (HTL)		4.20		3	record missing			6.10	hvo	kaoiki	VI		all Hawaii island, Maui, Oahu
6/28/62	3:36:57	6/28/62	13:36:56.7	E-W (M-S)		4.20		3	record missing			3.70	hvo	kaoiki			felt-hilo
6/28/62	3:36:57	6/28/62	13:36:56.7	N-S (M-S)		4.20		3	record missing			3.70	hvo	kaoiki			felt-hilo
6/28/62	3:36:57	6/28/62	13:36:56.7	SP Vert (HTL)		4.20		3	record missing			3.70	hvo	kaoiki			felt-hilo
6/27/62	18:27:14	6/28/62	4:27:14.3	E-W (M-S)		4.20		3	record missing			6.10	hvo	kaoiki			felt-hawaii, maui, oahu
6/27/62	18:27:14	6/28/62	4:27:14.3	N-S (M-S)		4.20		3	record missing			6.10	hvo	kaoiki			felt-hawaii, maui, oahu
6/27/62	18:27:14	6/28/62	4:27:14.3	SP Vert (HTL)		4.20		3	record missing			6.10	hvo	kaoiki			felt-hawaii, maui, oahu
7/14/62	7:37:53	7/14/62	17:37:53.1	E-W (M-S)		4.10		3	no trace			4.00	hvo	mauna kea			felt-all hawaii island
7/14/62	7:37:53	7/14/62	17:37:53.1	N-S (M-S)		4.10		3	no trace			4.00	hvo	mauna kea			felt-all hawaii island
7/14/62	7:37:53	7/14/62	17:37:53.1	SP Vert (HTL)	7.5	4.10	1.0	1	s-p = 31 s	4.26		4.00	hvo	mauna kea			felt-all hawaii island
7/23/62	23:52:41	7/24/62	9:52:41.1	E-W (M-S)		4.05		3	no trace			4.50	hvo	kona			felt-w coast hawaii island
7/23/62	23:52:41	7/24/62	9:52:41.1	N-S (M-S)		4.05		3	no trace			4.50	hvo	kona			felt-w coast hawaii island
7/23/62	23:52:41	7/24/62	9:52:41.1	SP Vert (HTL)		4.05		3	no trace			4.50	hvo	kona			felt-w coast hawaii island
7/24/62	17:48:14	7/25/62	3:48:14	E-W (M-S)	1.5	4.05	2.0	2		4.21		4.90	hvo	kona			
7/24/62	17:48:14	7/25/62	3:48:14	N-S (M-S)	1.0	4.05	5.0	3		3.70		4.90	hvo	kona			
7/24/62	17:48:14	7/25/62	3:48:14	SP Vert (HTL)	10.0	4.05		3	min amplitude; duration = 115 s	4.30		4.90	hvo	kona			
7/31/62	3:24:16	7/31/62	13:24:15.8	E-W (M-S)		4.25		3	no trace; noisy record-out of adjustment		na	3.70	hvo	kl kuer sf			hilo
7/31/62	3:24:16	7/31/62	13:24:15.8	N-S (M-S)		4.25		3	no trace; noisy record-out of adjustment		na	3.70	hvo	kl kuer sf			hilo
7/31/62	3:24:16	7/31/62	13:24:15.8	SP Vert (HTL)		4.25		3	no trace; noisy record-out of adjustment		na	3.70	hvo	kl kuer sf			hilo
8/17/62	23:30:06	8/18/62	9:30:06.5	E-W (M-S)		4.15		3	no trace			4.00	hvo	hilea			felt-south half hawaii island
8/17/62	23:30:06	8/18/62	9:30:06.5	N-S (M-S)		4.15		3	no trace			4.00	hvo	hilea			felt-south half hawaii island
8/17/62	23:30:06	8/18/62	9:30:06.5	SP Vert (HTL)	1.7	4.15	1.0	1	signal/noise approx 2	3.50		4.00	hvo	hilea			felt-south half hawaii island
8/18/62	16:58:00	8/19/62	2:58:00	E-W (M-S)	7.5	4.25	5.0	3		4.77	na	4.40		kl kuer sf		hvo mag low	
8/18/62	16:58:00	8/19/62	2:58:00	N-S (M-S)	5.5	4.25	5.0	3		4.64	na	4.40		kl kuer sf		hvo mag low	
8/18/62	16:58:00	8/19/62	2:58:00	SP Vert (HTL)	20.0	4.25		3	min amp; duration = 210 s	5.06	na	4.40		kl kuer sf		hvo mag low	
8/18/62	16:58:42	8/19/62	2:58:41.8	E-W (M-S)	9.0	4.25	8.0	3		4.85	na	4.60	hvo	kl kuer sf		hvo mag low	all hawaii island
8/18/62	16:58:42	8/19/62	2:58:41.8	N-S (M-S)	5.0	4.25	6.0	3		4.60	na	4.60	hvo	kl kuer sf		hvo mag low	all hawaii island
8/18/62	16:58:42	8/19/62	2:58:41.8	SP Vert (HTL)	28.0	4.25	1.0	1	s-p = 36 s	5.21	na	4.60	hvo	kl kuer sf		hvo mag low	all hawaii island

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
9/8/62	3:58:58	9/8/62	13:58:58.0	E-W (M-S)	0.4	4.35	1.5	1.5	no trace; threshold mag	4.17	na	4.10	hvo	kl kuer sf os		mag agreement ok	hilo, hnp
9/8/62	3:58:58	9/8/62	13:58:58.0	N-S (M-S)	0.4	4.35	1.5	1.5	no trace; threshold mag	4.17	na	4.10	hvo	kl kuer sf os		mag agreement ok	hilo, hnp
9/8/62	3:58:58	9/8/62	13:58:58.0	SP Vert (HTL)	8.0	4.35	1.0	1	light trace-hard to read	4.76	na	4.10	hvo	kl kuer sf os		mag agreement ok	hilo, hnp
9/8/62	3:58:58	9/8/62	13:58:58.0	E-W (M-S)		4.35			no repeat		na	4.10	hvo	kl kuer sf os		mag agreement ok	hilo, hnp
9/8/62	3:58:58	9/8/62	13:58:58.0	N-S (M-S)		4.35			no repeat		na	4.10	hvo	kl kuer sf os		mag agreement ok	hilo, hnp
9/8/62	3:58:58	9/8/62	13:58:58.0	SP Vert (HTL)	9.0	4.35	1.0	1	repeat	4.81	na	4.10	hvo	kl kuer sf os		mag agreement ok	hilo, hnp
9/11/62	7:22:50	9/11/62	17:22:49.8	E-W (M-S)	0.3	4.20	1.5	1.5	no trace; threshold mag	3.90	na	3.70	hvo	glenwood deep		hvo mag low for felt report-4.1?	all hawaii island
9/11/62	7:22:50	9/11/62	17:22:49.8	N-S (M-S)	0.5	4.20	1.5	1.5	no trace; threshold mag	4.12	na	3.70	hvo	glenwood deep		hvo mag low for felt report-4.1?	all hawaii island
9/11/62	7:22:50	9/11/62	17:22:49.8	SP Vert (HTL)	7.0	4.20	1.0	1	light trace-hard to read	4.41	na	3.70	hvo	glenwood deep		hvo mag low for felt report-4.1?	all hawaii island
9/11/62	7:22:50	9/11/62	17:22:49.8	E-W (M-S)		4.20			no repeat		na	3.70	hvo	glenwood deep		hvo mag low for felt report-4.1?	all hawaii island
9/11/62	7:22:50	9/11/62	17:22:49.8	N-S (M-S)		4.20			no repeat		na	3.70	hvo	glenwood deep		hvo mag low for felt report-4.1?	all hawaii island
9/11/62	7:22:50	9/11/62	17:22:49.8	SP Vert (HTL)	7.0	4.20	1.0	1	repeat	4.41	na	3.70	hvo	glenwood deep		hvo mag low for felt report-4.1?	all hawaii island
9/11/62	7:25:27	9/11/62	17:25:27.5	E-W (M-S)		4.20		3	no trace		na	3.60	hvo	glenwood deep		hvo mag low for felt report-4.0?	all hawaii island
9/11/62	7:25:27	9/11/62	17:25:27.5	N-S (M-S)		4.20		3	no trace		na	3.60	hvo	glenwood deep		hvo mag low for felt report-4.0?	all hawaii island
9/11/62	7:25:27	9/11/62	17:25:27.5	SP Vert (HTL)	3.0	4.20	1.0	1	light trace-hard to read	4.04	na	3.60	hvo	glenwood deep		hvo mag low for felt report-4.0?	all hawaii island
9/10/62	19:11:15	9/11/62	5:11:15.0	E-W (M-S)		4.25		3	no trace		na	3.60	hvo	kl kuer sf		hvo mag low for felt report-4.0?	east hawaii island
9/10/62	19:11:15	9/11/62	5:11:15.0	N-S (M-S)		4.25		3	no trace		na	3.60	hvo	kl kuer sf		hvo mag low for felt report-4.0?	east hawaii island
9/10/62	19:11:15	9/11/62	5:11:15.0	SP Vert (HTL)		4.25		3	no trace		na	3.60	hvo	kl kuer sf		hvo mag low for felt report-4.0?	east hawaii island
11/22/62	4:26:10	11/22/62	14:26:10.0	E-W (M-S)	0.6	4.25	1.5	1.5	no trace; threshold mag	4.25	na	3.90	hvo	kl kuer sf		mag agreement ok	
11/22/62	4:26:10	11/22/62	14:26:10.0	N-S (M-S)	0.4	4.25	1.5	1.5	no trace; threshold mag	4.07	na	3.90	hvo	kl kuer sf		mag agreement ok	
11/22/62	4:26:10	11/22/62	14:26:10.0	SP Vert (HTL)	0.8	4.25	1.0	1	no trace; threshold mag	3.66	na	3.90	hvo	kl kuer sf		mag agreement ok	
11/22/62	5:18:22	11/22/62	15:18:21.7	E-W (M-S)	17.0	4.25	4.0	3	repeat-18mm, 4 s	5.13	na	4.10	hvo	kl kuer sf		m-s mag seems high, hvo mag low for felt report-4.5?	hnp to hilo
11/22/62	5:18:22	11/22/62	15:18:21.7	N-S (M-S)	18.0	4.25	6.0	3		5.15	na	4.10	hvo	kl kuer sf		m-s mag seems high, hvo mag low for felt report-4.5?	hnp to hilo
11/22/62	5:18:22	11/22/62	15:18:21.7	SP Vert (HTL)	8.5	4.25	3.0	3	large surface waves; probably shallow	4.69	na	4.10	hvo	kl kuer sf		m-s mag seems high, hvo mag low for felt report-4.5?	hnp to hilo
11/22/62	5:18:22	11/22/62	15:18:21.7	E-W (M-S)	3.2	4.25	1.5	1.5	repeat	4.98		4.10	hvo	kl kuer sf			
11/22/62	5:18:22	11/22/62	15:18:21.7	N-S (M-S)	3.3	4.25	1.5	1.5	repeat	4.99		4.10	hvo	kl kuer sf			
11/22/62	5:18:22	11/22/62	15:18:21.7	SP Vert (HTL)	7.0	4.25	1.0	1	repeat	4.61		4.10	hvo	kl kuer sf			
12/13/62	21:36:19	12/14/62	7:36:18.7	E-W (M-S)	1.0	4.20	1.0	1	noisy record	4.76	na	3.70	hvo	kl cal deep		hvo mag low	all hawaii island
12/13/62	21:36:19	12/14/62	7:36:18.7	N-S (M-S)	0.7	4.20	1.0	1		4.60	na	3.70	hvo	kl cal deep		hvo mag low	all hawaii island
12/13/62	21:36:19	12/14/62	7:36:18.7	SP Vert (HTL)	26.0	4.20	1.0	1	s-p = 34 s	4.97	na	3.70	hvo	kl cal deep		hvo mag low	all hawaii island
12/13/62	21:36:19	12/14/62	7:36:18.7	E-W (M-S)	0.8	4.20	1.5	1.5	repeat; noise 0.5mm, 1.5s	4.32		3.70	hvo	kl cal deep			
12/13/62	21:36:19	12/14/62	7:36:18.7	N-S (M-S)	1.0	4.20	1.5	1.5	repeat; noise 0.4mm, 1.5s	4.42		3.70	hvo	kl cal deep			

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
12/13/62	21:36:19	12/14/62	7:36:18.7	SP Vert (HTL)	32.0	4.20	1.0	1	repeat; s-p = 33 s; high-frequency event	5.07		3.70	hvo	kl cal deep			
12/28/62	1:06:10	12/28/62	11:06:10.1	E-W (M-S)	0.5	4.25	1.5	1.5	no trace; threshold mag	4.17	na	4.10	hvo	kl kuer sf		mag agreement ok	east half hawaii island
12/28/62	1:06:10	12/28/62	11:06:10.1	N-S (M-S)	0.4	4.25	1.5	1.5	no trace; threshold mag	4.07	na	4.10	hvo	kl kuer sf		mag agreement ok	east half hawaii island
12/28/62	1:06:10	12/28/62	11:06:10.1	SP Vert (HTL)	4.0	4.25	1.0	1	s-p = 38 s	4.36	na	4.10	hvo	kl kuer sf		mag agreement ok	east half hawaii island
12/28/62	1:06:10	12/28/62	11:06:10.1	E-W (M-S)		4.25			no repeat		na	4.10	hvo	kl kuer sf		mag agreement ok	east half hawaii island
12/28/62	1:06:10	12/28/62	11:06:10.1	N-S (M-S)		4.25			no repeat		na	4.10	hvo	kl kuer sf		mag agreement ok	east half hawaii island
12/28/62	1:06:10	12/28/62	11:06:10.1	SP Vert (HTL)	4.2	4.25	1.0	1	repeat	4.38	na	4.10	hvo	kl kuer sf		mag agreement ok	east half hawaii island
12/30/62	17:47:19	12/31/62	3:47:19.0	E-W (M-S)		4.15		3	assume no trace			4.00	hvo	mlswr			felt-half hawaii island
12/30/62	17:47:19	12/31/62	3:47:19.0	N-S (M-S)		4.15		3	assume no trace			4.00	hvo	mlswr			felt-half hawaii island
12/30/62	17:47:19	12/31/62	3:47:19.0	SP Vert (HTL)	1.0	4.15	1.0	1	detected; signal/noise <1	3.43		4.00	hvo	mlswr			felt-half hawaii island
1/8/63	9:39:00	1/8/63	19:39:00	E-W (M-S)	3.0	4.20	0.5	1		5.23	na	4.60		kl cal deep	V	hvo mag low	all Hawaii island, Maui, Oahu
1/8/63	9:39:00	1/8/63	19:39:00	N-S (M-S)	3.5	4.20	0.5	1		5.30	na	4.60		kl cal deep	V	hvo mag low	all Hawaii island, Maui, Oahu
1/8/63	9:39:00	1/8/63	19:39:00	SP Vert (HTL)	68.0	4.20	0.5	1		0.00	na	4.60		kl cal deep	V	hvo mag low	all Hawaii island, Maui, Oahu
1/8/63	10:04:00	1/8/63	20:04:00	E-W (M-S)	0.6	4.20	1.5	1.5	detected; noise 0.6mm, 1.5s; not in seismic summary	4.20	na			kl cal deep eqs			
1/8/63	10:04:00	1/8/63	20:04:00	N-S (M-S)	0.6	4.20	1.5	1.5	detected; noise 0.4mm, 1.5s; not in seismic summary	4.20	na			kl cal deep eqs			
1/8/63	10:04:00	1/8/63	20:04:00	SP Vert (HTL)	9.0	4.20	1.0	1	not in seismic summary	4.51	na			kl cal deep eqs			
1/8/63	10:04:00	1/8/63	20:04:00	E-W (M-S)		4.20			no repeat		na			kl cal deep eqs			
1/8/63	10:04:00	1/8/63	20:04:00	N-S (M-S)		4.20			no repeat		na			kl cal deep eqs			
1/8/63	10:04:00	1/8/63	20:04:00	SP Vert (HTL)	8.0	4.20	1.0	1	repeat	4.46	na			kl cal deep eqs			
1/8/63	9:39:45	1/8/63	19:39:44.9	E-W (M-S)	6.0	4.20	1.0	1		5.53	na	4.30	hvo	kl cal deep eqs		hvo mag low	all hawaii island, maui, oahu
1/8/63	9:39:45	1/8/63	19:39:44.9	N-S (M-S)	5.0	4.20	1.0	1		5.45	na	4.30	hvo	kl cal deep eqs		hvo mag low	all hawaii island, maui, oahu
1/8/63	9:39:45	1/8/63	19:39:44.9	SP Vert (HTL)	72.0	4.20	1.0	1	light trace/large amplitude	5.42	na	4.30	hvo	kl cal deep eqs		hvo mag low	all hawaii island, maui, oahu
1/8/63	9:39:45	1/8/63	19:39:44.9	E-W (M-S)	5.0	4.20	1.5	1.5	repeat; noise 1mm, 1.5s	5.12	na	4.30	hvo	kl cal deep eqs		hvo mag low	all hawaii island, maui, oahu
1/8/63	9:39:45	1/8/63	19:39:44.9	N-S (M-S)	5.0	4.20	1.5	1.5	repeat; noise 0.7mm, 1.5s	5.12	na	4.30	hvo	kl cal deep eqs		hvo mag low	all hawaii island, maui, oahu

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
1/8/63	9:39:45	1/8/63	19:39:44.9	SP Vert (HTL)	70.0	4.20	1.0	1	repeat	5.41	na	4.30	hvo	kl cal deep eqs		hvo mag low	all hawaii island, maui, oahu
1/8/63	15:40:00	1/9/63	1:40:00	E-W (M-S)		4.20		3	assume no trace; not in seismic summary		na			kl cal deep eqs			
1/8/63	15:40:00	1/9/63	1:40:00	N-S (M-S)		4.20		3	assume no trace; not in seismic summary		na			kl cal deep eqs			
1/8/63	15:40:00	1/9/63	1:40:00	SP Vert (HTL)	1.0	4.20	1.0	1	not in seismic summary	3.56	na			kl cal deep eqs			
1/9/63	5:19:00	1/9/63	15:19:00	E-W (M-S)		4.20		3	assume no trace; not in seismic summary		na			kl cal deep eqs			
1/9/63	5:19:00	1/9/63	15:19:00	N-S (M-S)		4.20		3	assume no trace; not in seismic summary		na			kl cal deep eqs			
1/9/63	5:19:00	1/9/63	15:19:00	SP Vert (HTL)	2.0	4.20	1.0	1	not in seismic summary	3.86	na			kl cal deep eqs			naalehu to kulani
1/9/63	4:36:24	1/9/63	14:36:24.0	E-W (M-S)	0.9	4.20	1.5	1.5	no trace; threshold mag	4.37	na	3.20	hvo	kl cal deep eqs		hvo mag low	hawaii island
1/9/63	4:36:24	1/9/63	14:36:24.0	N-S (M-S)	0.5	4.20	1.5	1.5	no trace; threshold mag	4.12	na	3.20	hvo	kl cal deep eqs		hvo mag low	hawaii island
1/9/63	4:36:24	1/9/63	14:36:24.0	SP Vert (HTL)	11.0	4.20	1.0	1	s-p = 34 s	4.60	na	3.20	hvo	kl cal deep eqs		hvo mag low	hawaii island
1/9/63	4:36:24	1/9/63	14:36:24.0	E-W (M-S)		4.20			no repeat		na	3.20	hvo	kl cal deep eqs		hvo mag low	hawaii island
1/9/63	4:36:24	1/9/63	14:36:24.0	N-S (M-S)		4.20			no repeat		na	3.20	hvo	kl cal deep eqs		hvo mag low	hawaii island
1/9/63	4:36:24	1/9/63	14:36:24.0	SP Vert (HTL)	9.0	4.20	1.0	1	repeat	4.51	na	3.20	hvo	kl cal deep eqs		hvo mag low	hawaii island
1/9/63	9:23:09	1/9/63	19:23:08.9	E-W (M-S)		4.20		3	no trace; not in seismic summary		na			kl cal deep eqs			
1/9/63	9:23:09	1/9/63	19:23:08.9	N-S (M-S)		4.20		3	no trace; not in seismic summary		na			kl cal deep eqs			
1/9/63	9:23:09	1/9/63	19:23:08.9	SP Vert (HTL)	4.5	4.20	1.0	1		4.21	na			kl cal deep eqs			
1/8/63	15:41:06	1/9/63	1:41:06.2	E-W (M-S)	1.2	4.20	1.5	1.5	detected	4.50	na	4.20		kl cal deep eqs		hvo mag low	all hawaii island
1/8/63	15:41:06	1/9/63	1:41:06.2	N-S (M-S)	0.7	4.20	1.0	1	detected; reread 0.8mm, 1.5s; noise 0.4mm, 1.5s	4.60	na	4.20	hvo	kl cal deep eqs		hvo mag low	all hawaii island
1/8/63	15:41:06	1/9/63	1:41:06.2	SP Vert (HTL)	22.0	4.20	1.0	1		4.90	na	4.20	hvo	kl cal deep eqs		hvo mag low	all hawaii island
1/8/63	15:41:06	1/9/63	1:41:06.2	E-W (M-S)	1.3	4.20	1.5	1.5	repeat; noise 0.6mm, 1.5s	4.53	na	4.20	hvo	kl cal deep eqs		hvo mag low	all hawaii island
1/8/63	15:41:06	1/9/63	1:41:06.2	N-S (M-S)	0.8	4.20	1.5	1.5	repeat; noise 0.4mm, 1.5s	4.32	na	4.20	hvo	kl cal deep eqs		hvo mag low	all hawaii island
1/8/63	15:41:06	1/9/63	1:41:06.2	SP Vert (HTL)	20.0	4.20	1.0	1	repeat	4.86	na	4.20	hvo	kl cal deep eqs		hvo mag low	all hawaii island
1/8/63	15:45:15	1/9/63	1:45:15.0	E-W (M-S)	0.6	4.20	1.5	1.5	no trace; threshold mag	4.20	na	3.40	hvo	kl cal deep eqs		hvo mag low	
1/8/63	15:45:15	1/9/63	1:45:15.0	N-S (M-S)	0.4	4.20	1.5	1.5	no trace; threshold mag	4.02	na	3.40	hvo	kl cal deep eqs		hvo mag low	
1/8/63	15:45:15	1/9/63	1:45:15.0	SP Vert (HTL)	5.0	4.20	1.0	1		4.26	na	3.40	hvo	kl cal deep eqs		hvo mag low	
1/8/63	15:45:15	1/9/63	1:45:15.0	E-W (M-S)		4.20			no repeat		na	3.40	hvo	kl cal deep eqs		hvo mag low	

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
1/8/63	15:45:15	1/9/63	1:45:15.0	N-S (M-S)		4.20			no repeat		na	3.40		kl cal deep eqs		hvo mag low	
1/8/63	15:45:15	1/9/63	1:45:15.0	SP Vert (HTL)	5.0	4.20	1.0	1	repeat	4.26	na	3.40		kl cal deep eqs		hvo mag low	
2/17/63	9:07:44	2/17/63	19:7:44.5	E-W (M-S)		4.00		3	no trace			4.10		hvo kona offshore			
2/17/63	9:07:44	2/17/63	19:7:44.5	N-S (M-S)	0.2	4.00	1.5	1.5		3.52		4.10		hvo kona offshore			
2/17/63	9:07:44	2/17/63	19:7:44.5	SP Vert (HTL)	12.0	4.00	0.5	1		4.33		4.10		hvo kona offshore			
3/24/63	22:31:52	3/25/63	8:31:51.8	E-W (M-S)	0.5	4.10	1.5	1.5	no trace; threshold mag detected; noise 0.3mm,	4.02		4.50		hvo mauna kea			felt-hawaii island, maui
3/24/63	22:31:52	3/25/63	8:31:51.8	N-S (M-S)	0.5	4.10	1.5	1.5	1.5s	4.02		4.50		hvo mauna kea			felt-hawaii island, maui
3/24/63	22:31:52	3/25/63	8:31:51.8	SP Vert (HTL)	20.0	4.10	1.0	1	repeat	4.68		4.50		hvo mauna kea			felt-hawaii island, maui
3/24/63	22:31:52	3/25/63	8:31:51.8	SP Vert (HTL)	17.0	4.10	1.0	1	repeat; s-p = 29s	4.61		4.50		hvo mauna kea			felt-hawaii island, maui
3/25/63	7:18:35	3/25/63	17:18:35.0	E-W (M-S)	0.3	3.50		1.5		3.12		3.90		hvo haleakala			felt-all maui
3/25/63	7:18:35	3/25/63	17:18:35.0	N-S (M-S)	0.4	3.50		1.5		3.32		3.90		hvo haleakala			felt-all maui
3/25/63	7:18:35	3/25/63	17:18:35.0	SP Vert (HTL)	32.0	3.50	1.0	1		3.84		3.90		hvo haleakala			felt-all maui
5/19/63	2:21:26	5/19/63	12:21:25.5	E-W (M-S)		4.15		3				3.90		hvo hilea			felt-hnp, hilo, pahal, waiahinu
5/19/63	2:21:26	5/19/63	12:21:25.5	N-S (M-S)		4.15		3				3.90		hvo hilea			felt-hnp, hilo, pahal, waiahinu
5/19/63	2:21:26	5/19/63	12:21:25.5	SP Vert (HTL)		4.15		3				3.90		hvo hilea			felt-hnp, hilo, pahal, waiahinu
6/6/63	22:25:39	6/7/63	8:25:38.8	E-W (M-S)		4.15		3	no trace			4.20		hvo hilea			felt-hilo, pahala, naalehu, waiohinu
6/6/63	22:25:39	6/7/63	8:25:38.8	N-S (M-S)		4.15		3	no trace			4.20		hvo hilea			felt-hilo, pahala, naalehu, waiohinu
6/6/63	22:25:39	6/7/63	8:25:38.8	SP Vert (HTL)	3.0	4.15	0.5	1		3.75		4.20		hvo hilea			felt-hilo, pahala, naalehu, waiohinu
6/14/63	11:17:57	6/14/63	21:17:57.0	E-W (M-S)	0.5	4.20	1.5	1.5	no trace; threshold mag	4.12	na	3.70		hvo kl cal deep		hvo mag low-4.2?	hnp, kulani, n kona
6/14/63	11:17:57	6/14/63	21:17:57.0	N-S (M-S)	0.3	4.20	1.5	1.5	no trace; threshold mag	3.90	na	3.70		hvo kl cal deep		hvo mag low-4.2?	hnp, kulani, n kona
6/14/63	11:17:57	6/14/63	21:17:57.0	SP Vert (HTL)	5.0	4.20	1.0	1		4.26	na	3.70		hvo kl cal deep		hvo mag low-4.2?	hnp, kulani, n kona
6/14/63	11:17:57	6/14/63	21:17:57.0	E-W (M-S)		4.20			no repeat		na	3.70		hvo kl cal deep		hvo mag low-4.2?	hnp, kulani, n kona
6/14/63	11:17:57	6/14/63	21:17:57.0	N-S (M-S)		4.20			no repeat		na	3.70		hvo kl cal deep		hvo mag low-4.2?	hnp, kulani, n kona
6/14/63	11:17:57	6/14/63	21:17:57.0	SP Vert (HTL)	5.0	4.20	1.0	1	repeat	4.26	na	3.70		hvo kl cal deep		hvo mag low-4.2?	hnp, kulani, n kona
7/11/63	2:43:57	7/11/63	12:43:57.5	E-W (M-S)		4.25		3	no trace		na	3.80		hvo kl kuer sf		hvo mag low-4.2?	volcano to hilo
7/11/63	2:43:57	7/11/63	12:43:57.5	N-S (M-S)		4.25		3	detected?		na	3.80		hvo kl kuer sf		hvo mag low-4.2?	volcano to hilo
7/11/63	2:43:57	7/11/63	12:43:57.5	SP Vert (HTL)	2.5	4.25	1.0	1		4.16	na	3.80		hvo kl kuer sf		hvo mag low-4.2?	volcano to hilo
8/14/63	5:26:00	8/14/63	15:26:00	E-W (M-S)	2.4	2.40	1.0	1		3.34				oahu-kolekole pass; 30 km depth	IV	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu
8/14/63	5:26:00	8/14/63	15:26:00	N-S (M-S)	3.6	2.40	1.0	1		3.51				oahu-kolekole pass; 30 km depth	IV	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu; s-p 5s (distance 40 km)

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
8/14/63	5:26:00	8/14/63	15:26:00	SP Vert (HTL)	66.0	2.40	1.0	1		3.56				oahu-kolekole pass; 30 km depth	IV	Cox, D.C., 1986, Earthquakes felt on Oahu, Hawaii and their intensities: Honolulu, University of Hawaii Environmental Center, 120 p.	felt-oahu
8/26/63	8:49:18	8/26/63	18:49:18	E-W (M-S)	16.0	4.20	6.0	3		5.05		4.90	hvo	kaoiki			
8/26/63	8:49:18	8/26/63	18:49:18	N-S (M-S)	12.5	4.20	6.0	3		4.95		4.90	hvo	kaoiki			
8/26/63	8:49:18	8/26/63	18:49:18	SP Vert (HTL)	20.0	4.20		3	min amp; S-P ~ 35 sec; duration = 280 s	4.62		4.90	hvo	kaoiki			
9/21/63	6:24:27	9/21/63	16:24:27	E-W (M-S)	8.0	4.20	4.0	3		4.75		4.80	hvo	kaoiki			
9/21/63	6:24:27	9/21/63	16:24:27	N-S (M-S)	5.0	4.20		3	min amp	4.55		4.80	hvo	kaoiki			
9/21/63	6:24:27	9/21/63	16:24:27	SP Vert (HTL)	20.0	4.20		3	min amp; S-P = 33 sec; duration = 210 s	4.62		4.80	hvo	kaoiki			
9/22/63	6:26:17	9/22/63	16:26:17.4	E-W (M-S)		4.20		3	assume no trace			3.50	hvo	kaoiki			felt-hilo, hnp, kapapala
9/22/63	6:26:17	9/22/63	16:26:17.4	N-S (M-S)		4.20		3	assume no trace			3.50	hvo	kaoiki			felt-hilo, hnp, kapapala
9/22/63	6:26:17	9/22/63	16:26:17.4	SP Vert (HTL)		4.20		3	detected?			3.50	hvo	kaoiki			felt-hilo, hnp, kapapala
9/22/63	6:27:24	9/22/63	16:27:24.4	E-W (M-S)		4.20		3	assume no trace			3.50	hvo	kaoiki			felt-hilo, hnp, kapapala
9/22/63	6:27:24	9/22/63	16:27:24	N-S (M-S)		4.20		3	assume no trace			3.50	hvo	kaoiki			felt-hilo, hnp, kapapala
9/22/63	6:27:24	9/22/63	16:27:24.4	SP Vert (HTL)		4.20		3	no trace			3.50	hvo	kaoiki			felt-hilo, hnp, kapapala
10/11/63	16:52:48	10/12/63	2:52:47.8	E-W (M-S)	0.4	4.35	1.5	1.5	no trace; threshold mag	4.17	na	3.80	hvo	kl ler?		mag agreement ok	hnp
10/11/63	16:52:48	10/12/63	2:52:47.8	N-S (M-S)	0.3	4.35	1.5	1.5	no trace; threshold mag	4.05	na	3.80	hvo	kl ler?		mag agreement ok	hnp
10/11/63	16:52:48	10/12/63	2:52:47.8	SP Vert (HTL)	2.6	4.35	1.0	1	noise 2.3mm, 1s	4.27	na	3.80	hvo	kl ler?		mag agreement ok	hnp
10/23/63	10:24:06	10/23/63	20:24:06	E-W (M-S)	24.0	4.20		3	min amp	5.23		5.30	hvo	kaoiki			
10/23/63	10:24:06	10/23/63	20:24:06	N-S (M-S)	20.0	4.20		3	min amp	5.15		5.30	hvo	kaoiki			
10/23/63	10:24:06	10/23/63	20:24:06	SP Vert (HTL)		4.20		3	seismometer dead			5.30	hvo	kaoiki			
10/23/63	11:24:47	10/23/63	21:24:47.0	E-W (M-S)		4.20		3	no trace			3.80	hvo	kaoiki			felt-hilo, pahala, kapapala
10/23/63	11:24:47	10/23/63	21:24:47.0	N-S (M-S)		4.20		3	no trace			3.80	hvo	kaoiki			felt-hilo, pahala, kapapala
10/23/63	11:24:47	10/23/63	21:24:47.0	SP Vert (HTL)	3	4.20	0.5	1		3.80		3.80	hvo	kaoiki			felt-hilo, pahala, kapapala
10/23/63	18:25:29	10/24/63	4:25:28.6	E-W (M-S)		4.20		3	no trace			3.50	hvo	kaoiki			felt-hnp, kapapala, pahala
10/23/63	18:25:29	10/24/63	4:25:28.6	N-S (M-S)		4.20		3	no trace			3.50	hvo	kaoiki			felt-hnp, kapapala, pahala
10/23/63	18:25:29	10/24/63	4:25:28.6	SP Vert (HTL)	1.5	4.20	1.0	1	detected	3.50		3.50	hvo	kaoiki			felt-hnp, kapapala, pahala
10/25/63	15:29:34	10/26/63	1:29:34.0	E-W (M-S)		4.20		3	no trace			3.80	hvo	kaoiki			felt-hnp, kapapala, pahala
10/25/63	15:29:34	10/26/63	1:29:34.0	N-S (M-S)		4.20		3	no trace			3.80	hvo	kaoiki			felt-hnp, kapapala, pahala
10/25/63	15:29:34	10/26/63	1:29:34.0	SP Vert (HTL)	3.0	4.20	1.0	1	detected	3.80		3.80	hvo	kaoiki			felt-hnp, kapapala, pahala
11/3/63	21:23:25	11/4/63	7:23:25.4	E-W (M-S)		3.85		3	no trace			3.70	hvo	kohala			felt-half hawaii island
11/3/63	21:23:25	11/4/63	7:23:25.4	N-S (M-S)		3.85		3	no trace			3.70	hvo	kohala			felt-half hawaii island
11/3/63	21:23:25	11/4/63	7:23:25.4	SP Vert (HTL)	5.0	3.85	1.0	1	s-p = 29 s	3.99		3.70	hvo	kohala			felt-half hawaii island

Date (HST)	HST	Date (GMT)	GMT	Component	A mm	LAO	P (s)	Pc (s)	Notes	M calc	M nomo	M det	M det source	Region	I max	Comment	Felt report
11/15/63	9:01:26	11/15/63	19:01:26.5	E-W (M-S)	0.5	4.20	1.5	1.5	no trace; threshold mag	4.12	na	3.80	hvo	kl cal deep		hvo mag low-4.3?	half hawaii island
11/15/63	9:01:26	11/15/63	19:01:26.5	N-S (M-S)	0.4	4.20	1.5	1.5	detected; noise 0.4mm, 1.5s	4.02	na	3.80	hvo	kl cal deep		hvo mag low-4.3?	half hawaii island
11/15/63	9:01:26	11/15/63	19:01:26.5	SP Vert (HTL)	18.0	4.20	0.8	1	s-p approx. 36 s	4.82	na	3.80	hvo	kl cal deep		hvo mag low-4.3?	half hawaii island
11/15/63	9:01:26	11/15/63	19:01:26.5	E-W (M-S)	0.4	4.20	1.5	1.5	repeat; detected; noise 0.4mm, 1.5s	4.02	na	3.80	hvo	kl cal deep		hvo mag low-4.3?	half of hawaii island
11/15/63	9:01:26	11/15/63	19:01:26.5	N-S (M-S)	0.3	4.20	1.5	1.5	repeat; no trace; threshold mag	3.90	na	3.80	hvo	kl cal deep		hvo mag low-4.3?	half of hawaii island
11/15/63	9:01:26	11/15/63	19:01:26.5	SP Vert (HTL)	18.0	4.20	1.0	1	repeat	4.82	na	3.80	hvo	kl cal deep		hvo mag low-4.3?	half of hawaii island
11/15/63	9:01:26	11/15/63	19:01:26.5	SP Vert (HTL)	20.0	4.20	1.0	1	repeat s-p = 33 s	4.86	na	3.80	hvo	kl cal deep		hvo mag low-4.3?	half of hawaii island