

**TABLE I, E. LIST OF THE ASAMA VOLCANIC OUTBURSTS
INSTRUMENTALLY REGISTERED AT THE ASHINO-TAIRA
(ASAMA-YAMA) SEISMOLOGICAL STATION.
OCT. 15TH TO 22ND, 1913.**

ALL THE DISTURBANCES CONTAINED IN THIS TABLE WERE OF THE [B] TYPE,
BEING THE SHAKINGS CAUSED BY THE VOLCANIC OUTBURSTS.

(2a denotes the maximum longitudinal range of motion, in micron.)

Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.	Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.
OCT. 15	sec.	μ	sec.	OCT. 15	sec.	μ	sec.
2 41 49 a.m.	—	1	25	4 14 47 a.m.	—	2	—
3 02 37 "	—	1	15	4 15 03 "	—	1	18
3 16 29 "	—	2	19	4 15 42 "	—	1	14
3 18 35 "	—	1	26	4 16 55 "	—	1	16
3 25 40 "	—	2	19	4 17 49 "	—	1	15
3 32 31 "	—	2	24	4 18 27 "	—	1	—
3 36 15 "	—	2	20	4 18 31 "	—	1	21
3 36 52 "	—	1	16	4 19 12 "	—	2	—
3 41 25 "	—	2	—	4 19 29 "	—	1	—
3 41 40 "	—	1	—	4 19 55 "	—	1	—
3 41 55 "	—	1	—	4 20 27 "	—	1	25
3 42 15 "	—	1	—	4 20 52 "	—	2	19
3 46 32 "	—	1	—	4 21 38 "	—	2	22
3 47 05 "	—	1	—	4 22 43 "	—	1	12
3 59 15 "	—	1	12	4 23 29 "	—	1	13
4 00 39 "	—	2	22	4 23 53 "	—	1	12
4 04 44 "	—	3	—	4 25 59 "	—	2	17
4 05 05 "	—	2	—	4 27 30 "	—	1	—
4 05 41 "	—	2	14	4 27 36 "	—	1	14
4 06 57 "	—	1	18	4 27 52 "	—	2	15
4 08 04 "	—	2	—	4 30 09 "	—	2	23
4 08 59 "	—	2	—	4 33 42 "	—	2	28
4 09 39 "	—	1	—	4 37 02 "	—	2	18
4 10 21 "	—	3	25	4 38 42 "	—	1	22
4 11 52 "	—	2	—	4 39 53 "	—	3	—
4 12 32 "	—	1	—	4 40 17 "	—	1	—
4 12 57 "	—	2	—	4 40 30 "	—	1	—
4 13 22 "	—	2	—	4 40 43 "	—	2	—
4 13 47 "	—	1	11	4 40 57 "	—	1	—
4 14 15 "	—	1	—	4 41 02 "	—	2	—

Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.	Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.
OCT. 15	sec.	μ	sec.	OCT. 15	sec.	μ	sec.
4 41 12 a.m.	—	2	—	5 09 19 a.m.	—	2	—
4 41 25 "	—	1	—	5 09 24 "	—	1	29
4 41 49 "	—	2	—	5 10 29 "	—	2	24
4 42 08 "	—	5	—	5 11 44 "	—	2	22
4 42 55 "	—	2	—	5 13 42 "	—	3	21
4 44 00 "	—	3	—	5 14 49 "	—	2	15
4 45 02 "	—	3	—	5 16 29 "	—	1	17
4 45 19 "	—	1	—	5 17 42 "	—	2	—
4 45 29 "	—	1	—	5 17 59 "	—	2	30
4 45 45 "	—	2	—	5 21 52 "	—	2	25
4 45 49 "	—	1	—	5 22 30 "	—	1	22
4 46 44 "	—	1	—	5 23 59 "	—	1	15
4 48 32 "	—	1	19	5 24 45 "	—	1	23
4 49 35 "	—	1	—	5 25 30 "	—	1	—
4 50 01 "	—	3	—	5 25 42 "	—	1	26
4 50 30 "	—	2	15	5 27 14 "	—	1	21
4 51 25 "	—	1	22	5 28 18 "	—	1	22
4 52 20 "	—	1	32	5 28 59 "	—	1	21
4 53 48 "	—	2	22	5 29 28 "	—	2	—
4 56 15 "	—	1	—	5 30 00 "	—	3	—
4 56 30 "	—	1	—	5 30 12 "	—	4	—
4 56 53 "	—	1	—	5 30 55 "	—	3	—
4 58 09 "	—	1	21	5 32 17 "	—	3	—
4 59 12 "	—	1	19	5 33 56 "	—	4	—
4 59 32 "	—	2	19	5 37 30 "	—	1	—
5 00 07 "	—	1	26	5 37 38 "	—	4	—
5 00 47 "	—	1	22	5 37 50 "	—	3	—
5 01 59 "	—	1	—	5 38 53 "	—	2	—
5 02 22 "	—	1	12	5 39 30 "	—	1	—
5 03 14 "	—	1	24	5 39 42 "	—	2	—
5 03 48 "	—	2	20	5 39 52 "	—	1	15
5 04 59 "	—	3	21	5 40 57 "	—	1	—
5 06 17 "	—	3	—	5 41 29 "	—	2	26
5 06 25 "	—	2	—	5 43 10 "	—	3	41
5 06 42 "	—	3	31	5 44 24 "	—	1	—
5 07 14 "	—	1	—	5 44 50 "	—	2	28
5 07 22 "	—	2	—	5 46 14 "	—	2	23
5 07 52 "	—	1	—	5 46 55 "	—	1	17
5 08 23 "	—	2	—	5 47 33 "	—	2	—
5 08 45 "	—	2	21	5 47 42 "	—	1	—

Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.	Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.
OCT. 15	sec.	μ	sec.	OCT. 15	sec.	μ	sec.
5 48 00 a.m.	—	1	18	6 15 22 a.m.	—	2	29
5 50 15 "	—	4	—	6 15 53 "	—	3	—
5 50 57 "	—	2	24	6 16 30 "	—	1	35
5 51 25 "	—	2	—	6 17 38 "	—	2	—
5 52 09 "	—	2	—	6 18 24 "	—	1	—
5 52 14 "	—	3	—	6 19 19 "	—	3	48
5 52 30 "	—	1	—	6 21 49 "	—	1	—
5 53 02 "	—	2	—	6 22 10 "	—	1	30
5 53 28 "	—	2	—	6 23 10 "	—	2	49
5 54 13 "	—	4	—	6 24 02 "	—	2	—
5 54 55 "	—	3	—	6 25 09 "	—	2	50
5 55 38 "	—	3	22	6 28 42 "	—	1	31
5 56 55 "	—	3	—	6 31 51 "	—	1	42
5 57 30 "	—	4	29	6 32 49 "	—	2	38
5 58 02 "	—	3	30	6 34 02 "	—	1	11
5 58 55 "	—	2	—	6 34 25 "	—	2	—
5 59 38 "	—	2	—	6 34 41 "	—	1	25
6 00 07 "	—	2	33	6 35 14 "	—	1	—
6 00 53 "	—	2	—	6 35 30 "	—	1	18
6 01 19 "	—	2	49	6 36 19 "	—	2	44
6 02 14 "	—	2	39	6 41 54 "	—	2	39
6 03 05 "	—	2	—	6 44 44 "	—	2	53
6 04 07 "	—	2	—	6 46 20 "	—	2	—
6 05 09 "	—	2	—	6 46 44 "	—	1	—
6 05 58 "	—	2	—	6 47 13 "	—	1	—
6 06 19 "	—	1	—	6 47 29 "	—	1	—
6 06 42 "	—	2	—	6 48 18 "	—	2	—
6 07 14 "	—	1	—	6 48 45 "	—	1	—
6 07 29 "	—	1	—	6 48 56 "	—	1	41
6 07 40 "	—	2	—	6 50 29 "	—	2	—
6 08 18 "	—	3	—	6 50 48 "	—	2	—
6 08 50 "	—	2	—	6 51 07 "	—	2	—
6 09 30 "	—	2	—	6 51 30 "	—	2	46
6 10 38 "	—	1	—	6 53 34 "	—	3	—
6 11 04 "	—	1	—	6 54 25 "	—	6	—
6 11 47 "	—	1	31	6 55 19 "	—	2	—
6 12 22 "	—	1	—	6 55 30 "	—	2	—
6 13 09 "	—	1	—	6 55 56 "	—	3	47
6 13 32 "	—	1	40	6 58 03 "	—	1	38
6 14 18 "	—	2	—	6 59 31 "	—	2	41

Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.	Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.
OCT. 15	sec.	μ	sec.	OCT. 15	sec.	μ	sec.
7 00 42 a.m.	—	2	33	7 30 52 a.m.	—	2	50
7 01 33 "	—	2	—	7 32 13 "	—	2	31
7 02 29 "	—	2	—	7 32 53 "	—	2	30
7 02 40 "	—	2	24	7 34 14 "	—	1	41
7 03 36 "	—	2	—	7 35 42 "	—	2	—
7 04 21 "	—	2	—	7 36 19 "	—	1	31
7 04 59 "	—	1	—	7 37 06 "	—	2	31
7 05 27 "	—	1	—	7 37 54 "	—	2	—
7 06 16 "	—	2	—	7 38 19 "	—	1	18
7 07 02 "	—	1	—	7 39 26 "	—	1	21
7 07 19 "	—	1	—	7 40 22 "	—	2	23
7 07 57 "	—	2	—	7 48 10 "	—	1	—
7 08 30 "	—	1	24	7 49 22 "	—	4	—
7 10 06 "	—	6	—	7 49 51 "	—	2	25
7 10 39 "	—	2	—	7 53 34 "	—	2	26
7 11 13 "	—	2	—	7 56 56 "	—	3	35
7 11 56 "	—	1	—	7 57 55 "	—	2	—
7 12 43 "	—	1	21	7 58 49 "	—	4	31
7 14 15 "	—	2	—	8 00 44 "	—	1	—
7 14 45 "	—	2	—	8 01 09 "	—	2	—
7 15 31 "	—	1	—	8 02 34 "	—	3	44
7 16 10 "	—	1	—	8 03 58 "	—	2	—
7 17 12 "	—	2	—	8 04 21 "	—	2	31
7 17 55 "	—	2	29	8 07 36 "	—	2	—
7 18 30 "	—	1	—	8 08 19 "	—	2	26
7 18 51 "	—	2	—	8 11 05 "	—	2	—
7 19 32 "	—	6	—	8 11 26 "	—	2	28
7 20 19 "	—	1	—	8 13 25 "	—	2	—
7 20 35 "	—	3	—	8 13 58 "	—	3	38
7 21 08 "	—	3	—	8 15 06 "	—	2	20
7 21 42 "	—	1	—	8 15 50 "	—	2	35
7 22 17 "	—	2	27	8 17 45 "	—	2	—
7 23 08 "	—	2	38	8 18 03 "	—	2	27
7 23 59 "	—	2	45	8 18 47 "	—	2	21
7 25 39 "	—	2	38	8 19 16 "	—	2	34
7 26 45 "	—	2	50	8 20 04 "	—	3	—
7 27 37 "	—	3	39	8 20 26 "	—	2	—
7 29 09 "	—	1	—	8 21 17 "	—	2	—
7 29 42 "	—	2	—	8 21 39 "	—	2	36
7 30 35 "	—	3	—	8 22 24 "	—	2	—

Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.	Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.
OCT. 15	sec.	μ	sec.	OCT. 15	sec.	μ	sec.
8 22 49 a.m.	—	1	—	8 53 35 a.m.	—	2	33
8 23 16 "	—	1	—	8 54 14 "	—	2	—
8 23 28 "	—	2	33	8 54 27 "	—	2	37
8 24 04 "	—	1	—	8 55 23 "	—	2	—
8 24 19 "	—	1	—	8 55 48 "	—	2	—
8 24 40 "	—	2	—	8 56 03 "	—	2	—
8 25 04 "	—	2	—	8 56 40 "	—	1	—
8 25 33 "	—	3	—	8 57 15 "	—	2	19
8 26 21 "	—	2	—	8 57 43 "	—	2	35
8 26 39 "	—	2	47	8 58 46 "	—	2	—
8 27 26 "	—	1	—	9 00 17 "	—	2	39
8 29 42 "	—	2	31	9 01 01 "	—	2	—
8 30 16 "	—	2	—	9 01 30 "	—	1	—
8 31 40 "	—	2	—	9 02 11 "	—	2	—
8 32 48 "	—	2	24	9 03 03 "	—	3	57
8 33 57 "	—	2	41	9 04 06 "	—	3	—
8 35 11 "	—	2	54	9 04 49 "	—	2	—
8 36 13 "	—	2	—	9 06 11 "	—	2	—
8 37 40 "	—	3	41	9 06 33 "	—	2	—
8 38 29 "	—	3	—	9 07 26 "	—	2	—
8 39 12 "	—	2	—	9 08 08 "	—	2	—
8 39 58 "	—	2	—	9 09 05 "	—	1	—
8 40 45 "	—	3	52	9 09 37 "	—	2	—
8 41 46 "	—	3	38	9 10 01 "	—	2	—
8 42 38 "	—	2	—	9 11 05 "	—	2	—
8 43 07 "	—	1	—	9 11 46 "	—	2	—
8 43 26 "	—	2	—	9 12 31 "	—	2	—
8 44 20 "	—	2	—	9 13 32 "	—	1	—
8 44 47 "	—	2	27	9 14 00 "	—	2	—
8 45 50 "	—	2	40	9 14 40 "	—	2	—
8 46 48 "	—	2	—	9 15 07 "	—	2	—
8 47 44 "	—	2	31	9 15 33 "	—	2	—
8 48 22 "	—	2	21	9 16 12 "	—	2	—
8 49 04 "	—	2	36	9 17 26 "	—	2	—
8 49 43 "	—	2	—	9 17 58 "	—	3	—
8 50 13 "	—	2	—	9 18 30 "	—	2	—
8 51 38 "	—	2	—	9 18 46 "	—	2	—
8 51 51 "	—	2	—	9 19 01 "	—	2	—
8 52 25 "	—	2	—	9 19 21 "	—	2	—
8 53 03 "	—	2	—	9 19 49 "	—	2	—

Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.	Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.
OCT. 15	sec.	μ	sec.	OCT. 15	sec.	μ	sec.
9 20 16 a.m.	—	1	—	9 43 06 a.m.	—	3	—
9 20 31 "	—	2	—	9 43 49 "	—	3	—
9 21 21 "	—	1	—	9 44 26 "	—	2	—
9 21 53 "	—	1	—	9 45 12 "	—	2	—
9 22 06 "	—	2	—	9 45 48 "	—	1	—
9 22 27 "	—	2	—	9 46 17 "	—	2	—
9 23 18 "	—	2	—	9 47 01 "	—	1	—
9 24 20 "	—	2	—	9 47 56 "	—	2	—
9 25 02 "	—	2	—	9 48 39 "	—	3	—
9 25 50 "	—	2	—	9 49 07 "	—	2	—
9 26 11 "	—	1	—	9 50 08 "	—	2	—
9 26 47 "	—	1	—	9 50 26 "	—	3	—
9 27 02 "	—	2	—	9 51 05 "	—	4	41
9 27 20 "	—	2	—	9 52 23 "	—	1	—
9 27 52 "	—	1	—	9 52 42 "	—	4	—
9 28 35 "	—	2	—	9 53 22 "	—	3	—
9 28 58 "	—	2	—	9 53 56 "	—	3	—
9 29 12 "	—	2	—	9 54 14 "	—	3	—
9 29 33 "	—	2	—	9 54 53 "	—	1	—
9 30 06 "	—	2	—	9 55 27 "	—	2	—
9 30 38 "	—	2	—	9 55 47 "	—	2	—
9 31 23 "	—	2	—	9 56 19 "	—	2	—
9 32 07 "	—	2	—	9 56 44 "	—	2	—
9 32 46 "	—	2	—	9 57 40 "	—	1	—
9 33 36 "	—	2	—	9 58 04 "	6.8	3	27
9 34 10 "	—	2	—	9 58 42 "	—	2	—
9 34 41 "	—	2	—	9 59 40 "	—	3	—
9 35 19 "	—	1	—	10 00 15 "	—	3	—
9 35 50 "	—	2	—	10 01 16 "	—	2	—
9 36 23 "	6.9	4	—	10 02 02 "	—	1	—
9 36 46 "	—	2	—	10 02 51 "	—	2	—
9 37 10 "	—	2	—	10 03 06 "	—	3	34
9 37 36 "	—	2	—	10 03 51 "	—	2	—
9 38 23 "	—	2	—	10 04 08 "	—	2	—
9 38 57 "	—	2	—	10 04 30 "	—	3	—
9 39 23 "	—	2	32	10 04 50 "	—	2	—
9 40 24 "	—	2	—	10 05 25 "	—	2	—
9 41 00 "	—	2	—	10 06 35 "	—	2	—
9 41 50 "	—	2	—	10 06 47 "	—	3	—
9 42 30 "	—	2	—	10 07 16 "	—	2	—

Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.	Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.
OCT. 15				OCT. 15			
	sec.	μ	sec.		sec.	μ	sec.
10 07 55 a.m.	—	1	—	10 34 32 a.m.	—	1	—
10 08 28 "	—	2	—	10 35 34 "	—	2	—
10 09 11 "	—	2	—	10 36 31 "	—	2	33
10 09 51 "	—	1	—	10 37 20 "	—	3	—
10 10 09 "	—	4	30	10 37 45 "	—	1	—
10 11 07 "	—	3	—	10 38 14 "	—	3	—
10 11 51 "	—	2	27	10 38 55 "	—	1	—
10 12 27 "	—	4	—	10 39 19 "	—	1	—
10 12 49 "	—	2	—	10 40 39 "	—	2	27
10 14 03 "	—	2	—	10 41 44 "	5.7	3	41
10 14 30 "	—	3	—	10 43 01 "	—	3	—
10 15 35 "	—	2	—	10 43 19 "	—	2	—
10 16 46 "	—	2	—	10 43 40 "	—	3	31
10 17 14 "	—	2	—	10 44 44 "	—	2	36
10 17 53 "	—	1	—	10 47 07 "	—	2	—
10 18 07 "	—	1	—	10 48 16 "	—	2	—
10 18 49 "	—	2	—	10 50 16 "	5.5	2	28
10 19 44 "	—	2	—	10 50 51 "	—	3	—
10 20 33 "	4.5	3	—	10 51 28 "	—	3	—
10 21 07 "	—	2	—	10 51 47 "	—	2	—
10 21 34 "	—	2	—	10 52 19 "	—	1	—
10 22 13 "	—	2	—	10 53 22 "	—	1	—
10 22 50 "	—	2	—	10 54 01 "	—	2	—
10 23 32 "	—	1	—	10 54 34 "	—	2	—
10 23 57 "	—	2	—	10 55 34 "	—	2	—
10 24 23 "	—	3	—	10 56 37 "	—	2	—
10 25 11 "	—	3	—	10 57 27 "	—	3	—
10 25 51 "	—	2	—	10 58 27 "	—	2	—
10 26 39 "	—	3	—	10 59 49 "	—	2	—
10 27 04 "	—	3	34	11 00 33 "	—	1	—
10 28 12 "	—	3	—	11 01 15 "	—	1	—
10 28 33 "	—	2	36	11 02 04 "	—	2	—
10 29 27 "	—	1	—	11 03 35 "	—	2	—
10 30 00 "	—	3	34	11 04 38 "	—	2	—
10 30 51 "	—	2	—	11 05 07 "	—	1	—
10 31 13 "	—	2	—	11 05 31 "	—	2	—
10 31 44 "	—	2	—	11 06 08 "	—	2	—
10 32 48 "	—	2	—	11 06 36 "	—	1	—
10 33 44 "	—	2	—	11 07 31 "	—	1	—
10 34 00 "	—	2	—	11 08 07 "	—	1	—

Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.	Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.
OCT. 15				OCT. 15			
	sec.	μ	sec.		sec.	μ	sec.
11 08 21 a.m.	—	1	—	11 46 32 a.m.	—	1	—
11 09 40 „	5.3	3	—	11 47 24 „	—	4	51
11 10 14 „	—	1	—	11 48 51 „	—	1	—
11 10 52 „	—	1	—	11 49 09 „	—	1	—
11 11 34 „	—	1	—	11 49 25 „	—	2	—
11 11 50 „	—	1	—	11 50 13 „	—	1	—
11 12 47 „	—	1	—	11 51 10 „	—	2	—
11 13 16 „	—	1	—	11 52 50 „	—	1	—
11 15 51 „	—	2	—	11 53 38 „	—	1	—
11 16 40 „	—	2	—	11 54 28 „	—	2	—
11 18 33 „	—	2	—	11 55 39 „	—	1	—
11 18 41 „	—	2	—	11 56 26 „	—	2	—
11 20 08 „	—	2	—	11 56 54 „	—	1	—
11 20 41 „	—	1	—	11 57 23 „	—	1	—
11 21 17 „	—	3	27	11 58 01 „	—	2	—
11 21 58 „	—	2	—	11 58 36 „	—	3	—
11 23 02 „	—	1	—	11 59 03 „	—	2	—
11 23 44 „	—	2	—	11 59 33 „	—	2	—
11 24 12 „	—	1	—	0 00 06 p.m.	—	2	—
11 24 53 „	—	2	—	0 00 32 „	—	1	—
11 25 32 „	—	1	—	0 01 04 „	—	1	—
11 26 19 „	—	1	—	0 01 51 „	—	3	—
11 27 36 „	—	1	—	0 02 49 „	—	2	—
11 30 32 „	—	1	—	0 03 25 „	—	2	—
11 30 58 „	—	1	—	0 04 16 „	—	1	—
11 32 58 „	—	1	—	0 05 05 „	—	2	—
11 34 10 „	—	1	—	0 05 47 „	—	1	—
11 34 52 „	—	2	—	0 06 14 „	—	1	—
11 36 34 „	—	1	—	0 07 15 „	—	3	—
11 38 14 „	—	3	42	0 07 43 „	—	3	—
11 39 15 „	—	1	—	0 08 31 „	—	2	—
11 39 47 „	—	1	—	0 09 23 „	—	2	—
11 40 13 „	—	1	—	0 09 39 „	—	3	—
11 40 54 „	—	1	—	0 10 09 „	—	2	—
11 42 07 „	—	1	—	0 10 47 „	—	2	—
11 42 43 „	—	2	—	0 11 08 „	—	2	—
11 43 16 „	—	2	—	0 11 43 „	—	2	—
11 43 44 „	—	1	—	0 12 45 „	—	2	—
11 44 36 „	—	1	—	0 13 31 „	—	2	—
11 45 45 „	—	2	45	0 14 28 „	—	3	—

Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.	Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.
OCT. 15				OCT. 15			
	sec.	μ	sec.		sec.	μ	sec.
0 15 01 p.m.	—	2	—	0 42 38 p.m.	—	1	—
0 15 19 "	—	2	—	0 43 27 "	—	2	—
0 16 12 "	—	2	—	0 44 23 "	—	2	—
0 16 49 "	—	3	—	0 45 41 "	—	2	—
0 17 52 "	—	3	—	0 49 37 "	—	1	—
0 18 21 "	—	2	—	0 53 33 "	—	1	—
0 19 09 "	—	3	—	0 54 51 "	—	1	—
0 19 26 "	—	3	—	0 56 52 "	—	1	—
0 20 27 "	—	2	—	0 57 33 "	—	1	—
0 21 18 "	—	1	—	0 57 50 "	—	1	—
0 21 53 "	—	2	—	0 58 14 "	—	2	20
0 22 17 "	—	1	—	1 02 34 "	—	1	—
0 23 21 "	—	1	—	1 03 53 "	—	1	—
0 23 56 "	—	1	—	1 05 11 "	—	2	—
0 24 27 "	—	4	34	1 05 42 "	—	2	—
0 25 20 "	—	2	—	1 06 08 "	—	1	—
0 25 59 "	—	1	—	1 06 22 "	—	2	—
0 26 11 "	—	1	—	1 06 56 "	—	1	—
0 26 50 "	—	2	—	1 07 44 "	—	1	—
0 28 19 "	—	1	—	1 08 14 "	—	2	—
0 28 51 "	—	2	—	1 16 53 "	—	1	—
0 29 39 "	—	1	—	1 17 40 "	—	1	—
0 30 46 "	—	1	—	1 17 52 "	—	2	35
0 31 21 "	—	3	—	1 20 57 "	—	2	28
0 31 49 "	—	2	—	1 21 44 "	—	2	—
0 32 37 "	—	2	—	1 22 08 "	—	1	37
0 33 26 "	—	1	—	1 23 20 "	—	2	26
0 34 48 "	—	1	—	1 25 30 "	—	2	24
0 35 29 "	—	2	—	1 26 34 "	—	1	24
0 36 11 "	—	2	—	1 29 36 "	—	1	—
0 36 50 "	—	1	—	1 31 19 "	—	1	—
0 37 20 "	—	4	—	1 34 49 "	—	1	—
0 37 45 "	—	1	—	1 35 55 "	—	1	—
0 39 44 "	—	2	25	1 38 13 "	—	1	—
0 42 05 "	—	1	—	1 38 30 "	—	1	—

Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.	Date (1913) and Time of Occurrence.	Duration of Prelimi- nary Tremor.	2a.	Total Dura- tion.
OCT. 15	sec.	μ	sec.	OCT. 18	sec.	μ	sec.
1 45 24 p.m.	—	3	28	4 40 58 a.m.	—	3	19
6 26 56 „	—	2	18				
10 43 13 „ (1)	0.5	35	94	OCT. 20	—	3	33
				10 44 31 a.m.(4)			
OCT. 16				OCT. 22			
1 39 08 a.m.(2)	—	4	35	3 55 42 a.m.(5)	1.0	28	104
OCT. 17							
3 27 47 p.m.(3)	—	66	116				

(1): strong explosion; the transverse max. 2a=21 μ .

(2): the transverse max. 2a.=3 μ .

(3): „ „ 38 μ .

(4): „ 3 μ .

(5): „ „ 21 μ .

On Oct. 18th, at 0.24.18 a.m., there was an unfelt earthquake shock, of the following elements of motion: dur. prel. tremor=0 sec.; max. longitudinal 2a=4 μ ; total duration=5 sec.