

*CATALOGUE OF EARTHQUAKES FELT IN
TOKIO BETWEEN JAN. 1882 AND MARCH 1883.*

THE OBSERVATIONS WERE MADE AT THE
METEOROLOGICAL OBSERVATORY (CHIRI KIOKU) BY
PALMIERI'S SEISMOGRAPH.

(For the first portion of this Catalogue see
Transactions of Seismological Society of Japan. Vol. II
pages 3. and 39.)

1882

No.	Month	Day	Time			Force	Direction	Duration
			h	m	s			
430..	I	2	5	47	26	{ 20' 10' 30'	WNW or ESE WSW or ENE SSE or NNW	16 ^s
431..	"	14	7	34	17	{ 0 ^o 10' 0 ^o 10'	WNW or ESE WSW or ENE	.....
432..	"	25	3	47	27			50 ^s
433..	"	28	12	06	00	{ 0 ^o 10' 1 ^o 20' 0 ^o 20' 0 ^o 30'	WNW or ESE WSW or ENE SSW or NNE SSE or NNW	17 ^s
434..	II	5	17	00	30	{ 0 10' 1 ^o 00'	SSW or NNE SSE or NNW	
435..	"	12	2	49	00	{ 0 10'	SSE or NNW	53 ^s
436..	"	15	after 20 00 00					.....
437..	"	16	5	33	13	{ 1 ^o 00'	WSW or ENE	45 ^s
438..	"	18	5	52	00?			.....
439..	"	"	11	54	00?	{ 0 ^o 20' 0 ^o 10'	WSW or ENE SSW or NNE	1 ^m 08 ^s
440..	"	22	6	54	00			20 ^s
441..	"	28	13	49	40	{ 1 ^o 00' 0 ^o 10' 6 ^o 40'	WSW or ENE SSE or NNW WSW or ENE	11 ^s
442..	"	"	15	28	10	{ 1 ^o 10' 2 ^o 00'	SSW or NNE SSE or NNW	32 ^s
443..	"	"	15	33	00			.....
444..	III	1	about 2 07 00					.....
445..	"	7	11	05	56	{ 0 ^o 10' 1 30' 0 50' 1 50'	WNW or ESE WSW or ENE SSW or NNE SSE or NNW	40 ^s
446..	"	8	4	15	07	{ 1 ^o 20' 0 ^o 05' 0 ^o 50'	WSW or ENE SSW or NNE SSE or NNW	1 ^m 20 ^s

No.	Month	Day	Time	Force	Direction	Duration
447..	"	"	about 11 54 50	{ 0° 30'	WSW or ENE	38 ^s
448..	"	"	about 11 56 48	{ 0° 20'	SSW or NNE	
449..	"	11	about 7 50 54	{ 2 30'	WNW or ESE	3 ^m 20 ^s
450..	"	13	9 20 00	{ 11 20'	WSW or ENE	
451..	"	14	{ 21 48 52	{ 9 50'	SSW or NNE	
			{ 23 57 42	{ 9 00'	SSE or NNW	
452..	"	18	21 25 33	{ 2° 00'	WSW or ENE	21 ^s
				{ 0 40'	SSW or NNE	
				{ 1° 10'	SSE or NNW	
453..	"	24	4 36 21	{ 0° 20'	WNW or ESE	35 ^s
454..	"			{ 0. 20'	WSW or ENE	
455..	"	31	3 19 53	{ 0. 10'	SSW or NNE	
456..	IV	2	4 48 51	{ 0 10'	SSE or NNW	9 ^s
				{ 0° 10'	WNW or ESE	
				{ 2° 40'	WSW or ENE	
				{ 2° 00'	SSW or NNE	
457..	"	4	6 34 47	{ 1° 10'	SSE or NNW	44 ^s
458..	"	7	17 12 37	{ 0 20'	WNW or ESE	
459..	"	8	3 21 00	{ .....	.....
460..	"	9	3 19 27	{ 0 10'	WNW or ESE	1 ^m 48 ^s
				{ 0 20'	WSW or ENE	
				{ 0 10'	SSW or NNE	
				{ 0 20'	SSE or NNW	
461..	"	25	about 8 33 30	{ 0 10'	SSE or NNW	30 ^s
462..	V	2	5 21 00	{ .....	.....
463..	"	"	22 58 27	{ .....	.....
464..	"	16	18 50 40	{
465..	VI	7	2 26 41	{ 0. 20'	WNW or ESE	
				{ 0. 20'	WSW or ENE	
				{ 0. 40'	SSE or NNW	
466..	"	14	10 05 38	{ 0. 10'	SSW or NNE	40 ^s
				{ 0. 20'	SSE or NNW	
467..	VII	10	about 11 24 00	{
468..	"	25	1 14 00	{ 0° 50'	SSW or NNE	
469..	VIII	18	5 34 20	{ .....	.....
470..	IX	28	17 17 33	{ 1° 20'	SSE or NNW	about 1 ^m 00 ^s
471..	X	3	22 48 00	{ 0° 10'	WNW or ESE	
472..	"	8	17 45 43	{ 0° 10'	SSW or NNE	14 ^s
473..	"	19	15 10 37	{ 1° 30'	SSE or NNW	
474..	"	25	6 55 00	{ 0° 30'	SSE or NNW	
475..	XI	4	22 45 43	{ 3° 40'	SSE or NNW
				{	24 ^s

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No.	Month	Day	Time	Force	Direction	Duration
476..	I	12	2 43 53	0 ^m 20 ^s
477..	"	14	3 42 50
478..	"	17	16 40 05	{ 5 ^o 30'	N or S	0 ^m 40 ^s
				{ 10 ^o 50'	NW or SE	
				{ 12 ^o 10'	W or E	
				{ 6 ^o 50'	SW or NE
				{ 2 ^o 50'	N or S	
				{ 6 ^o 00'	NW or SE	
489..	"	21	about 12 20 00	{ 0 ^o 10'	W or E
				{ 5 ^o 10'	SW or NE	
				{ 0 ^o 30'	N or S	
480..	"	31	0 17 00	{ 3 ^o 10'	NW or SE
				{ 3 ^o 00'	W or E	
				{ 4 ^o 00'	SW or NE	
				{ 2 ^o 50'	N or S	0 ^m 13 ^s
481..	"	"	1 9 14	{ 4 ^o 00'	NW or SE	
				{ 1 ^o 40'	W or E	
				{ 0 ^o 30'	SW or NE
482..	III	8	about 22 28 00	{ 1 ^o 10'	W or E	
				{ 0 ^o 20'	SW or NE	
				{ 0 ^o 30'	N or S	0 ^m 8 ^s
483..	"	13	16 35 38	{ 0 ^o 20'	W or E	
				{ 1 ^o 00'	SW or NE	
484..	III	14	19 57 02	{ 0 ^o 50'	SW or NE
				{ 0 ^o 30'	N or S	
				{ 1 ^o 10'	NW or SE	
				{ 2 ^o 00'	SW or NE	1 ^m 00 ^s
485..	IV	20	9 57 10	{ 8 ^o 50'	N or S	
				{ 3 ^o 10'	NW or SE	
486..	"	23	10 32 50	{ 11 ^o 10'	W or E	1 ^m 15 ^s
				{ 10 ^o 10'	SW or NE	
487..	"	"	10 41 20	0 ^m 30 ^s
				{ 1 ^o 30'	N or S	0 ^m 20 ^s
488..	V	2	5 17 06	{ 1 ^o 50'	NW or SE	
				{ 3 ^o 30'	W or E	
				{ 2 ^o 00'	SW or NE
499..	"	6	about 6 00 00	.....	.....
				{ 0 ^o 10'	N or S	
490..	"	12	13 18 23	{ 0 ^o 10'	NW or SE
				{ 3 ^o 30'	W or E	
				{ 1 ^o 00'	N or S	
				{ 1 ^o 10'	NW or SE	about 1 ^m 00 ^s
491..	"	3	5 58 52	{ 1 ^o 20'	W or E	
				{ 0 ^o 30'	SW or NE	
492..	"	28	1 15 10	about 1 ^m 00 ^s
				{ 0 ^o 10'	N or S	0 ^m 21 ^s
493..	"	29	6 07 02	{ 0 ^o 50'	NW or SE	
				{ 1 ^o 50'	W or E	
				{ 0 ^o 40'	SW or NE	

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No.	Month	Day	Time	Force	Direction	Duration
494..	VI	10	10 15 00	$\left\{ \begin{array}{l} 18^{\circ} 20' \\ 14^{\circ} 10' \\ 11^{\circ} 10' \\ 11^{\circ} 00' \end{array} \right.$	N or S	about
			about		NW or SE	1 ^m 10 ^s
495..	„	12	6 13 00	....	.....	about
496..	VII	13	3 44 00	....	.....	1 ^m 00
497..	„	18	about 8 50 00	....	.....	....

Observations ceased on the 5th November 1882, and were not continued until the end of December when the instrument had been put up at the new station in the castle grounds, about a mile from the old station.