International Seismological Centre

東京帝國大學地震研究所

地震觀測報告

昭和11年 第1～2冊

SEISMOMETRICAL REPORT

OF THE

EARTHQUAKE RESEARCH INSTITUTE

TOKYO IMPERIAL UNIVERSITY

SEISMOLOGICAL SOCIETY

1936

Part 1 and 2

(January 1～ June 30, 1936)

Published by the Institute
Tôkyô 1936

International Seismological Centre

Seismometrical Report.

(Earthquake Research Institute, Tôkyô, Nippon.)

(Part 1 and 2, 1936.)

(January 1~June 30.)

(*1*) *Seismological stations in the Kwantô districts.*

List I.

Station	Coordinates						Approximate distance from Tôkyô (Hongô)
	Longitude (E)			Latitude (N)			
	°	′	″	°	′	″	km
Tôkyô (Hongô)	139	45	59	35	42	40	0
Komaba	139	41	01	35	39	18	10
Mitaka	139	32	32	35	40	21	20
Tukuba	140	06	36	36	12	39	64
Kamakura	139	32	39	35	18	32	48
Misaki	139	37	05	35	09	26	62
Kiyosumi	140	09	02	35	09	22	70
Titibu	139	04	54	35	58	56	69
Koyama	138	58	59	35	21	20	82
Yosiwara	138	41	07	35	09	35	116
Asama	138	34	21	36	24	08	133
Susaki	138	58	50	34	39	54	138

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(2) *Sensible earthquakes in Tôkyô for the period January 1~June 30, 1936.*

List II.

Time=Central standard time of Nippon. (Mean solar time of the meridian 135°E.

Notation:

Prel. tr.=Preliminary tremor.
N. S. =North south component.
E. W. =East west component.
2A =Range of motion.
T =Period of earthquake motion.
λ =Longitude.
φ =Latitude.

Intensity: 0 (insensible), I (slight), II (rather weak), III (weak), IV (rather strong), V (strong), VI (violent).

No.	Station	Date	Time of occurrence.	Duration		Maximum motion				Intial motion			Epicentre		Depth	Intensity
				Prel. tr.	Total	N.S.		E.W.		N(+) S(−)	E(+) W(−)	U(+) D(−)	λ (E)	φ (N)		
						2A	T	2A	T							
		Jan.	h m s	s	m	μ	s	μ	s	μ	μ	μ	°	°	km	
1	Tôkyô	18	6 18 06·9	8·7	7	98	0·24	92	0·24				140·11	36·12	40	I
	Komaba		6 18 08·0	9·2	6	104	0·31	140	0·62							I
	Mitaka		6 18 09·2	8·4	5	** 103	0·56	* 76	0·56							
	Tukuba		6 18 04·5	5·7	2	87	0·33	137	0·35							III
	Kamakura		6 18 12·7	12·2	4	24	0·36	18	0·54							
	Kiyosumi		6 18 04·9	14·4	2·5	12	0·78	8	0·64							
	Titibu				3	36		30	0·17							
	Koyama			17·0	3·5	140	0·99	160	0·83							
2	Tôkyô	29	10 28 15·4	11·2	16	360	0·87	353	0·91				140·63	35·57	50	II
	Komaba		10 28 17·3	10·8	11											I
	Mitaka		10 28 18·1	13·4	8	** 129	1·02	* 462	1·13							
	Tukuba		10 28 11·8	9·2	5	119	0·79	96								
	Kamakura		10 28 19·0	13·7	5	268	0·84	354	0·84							I
	Misaki			13·3	8	123	0·53	227	0·66							I
	Kiyosumi		10 28 15·5	9·4	7	120	0·55	180	0·55							I
	Titibu			18·7	6	112	1·36	80	1·36							
	Koyama			20·5	6	200	0·80	200	0·80							I
	Yosiwara			22·3	5	100	1·80	100	1·44							
	Susaki[1)]		10 28 28·1	20·3	4	24	1·3	20	1·4	+ 2·8	+ 2·0					
		Feb.														
3	Tôkyô	11	7 05 15·0	9·4	5	170	0·58	200	0·58				140·38	35·93	40	I
	Komaba		7 05 16·6	11·5	5	130	0·31	124	0·31							I
	Mitaka		7 05 17·9	11·2	5	** 94	0·45	* 81	0·45							
	Tukuba		7 05 13·7	6·6	2	28	0·26	79	0·26							I
	Kamakura		7 05 20·3	10·5	3	46	0·42	48	0·26							I

(*to be continued.*)

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List II. (*continued.*)

No.	Station	Date	Time of occurrence.	Duration		Maximum motion				Initial motion			Epicentre		Depth	Intensity
				Prel. tr.	Total	N.S.		E.W.		N(+) S(−)	E(+) W(−)	U(+) D(−)	λ (E)	φ (N)		
						2A	T	2A	T							
		Feb.	h m s	s	m	μ	s	μ	s	μ	μ	μ	°	°	km	
3	Misaki	11		14·7	3	43	0·45	53	0·64							I
	Kiyosumi		7 05 17·7	12·4	3	10	0·41	24	0·41							I
	Koyama			17·3	3	76	0·53	76	0·53							
	Yosiwara			20·7	3	36	0·40	52	0·40							
	Susaki[1]		7 05 31·0	19·2	1	4	0·46	6	0·46							
		March														
4	Tôkyô	10	8 42 17·3	8·0	2	60	0·37	113	0·37				139·90	35·64	50	I
	Komaba		8 42	6·8	2			54	0·32							I
	Mitaka		8 42 23·4	8·6	2·5	** 40	0·38	* 35	0·38							
	Kamakura		8 42 24·3	9·1	2	10	0·29	17	0·29							
	Misaki			9·2	2·5	28	0·41	20	0·55							
	Kiyosumi		8 42 23·8	8·9	2	22	0·44	14	0·44							
	Titibu			9·5	1·5	12	0·78	4	0·78							
	Koyama			11·7	2	24	0·42	30	0·42							
5	Tôkyô	10	11 27 05·1	8·5	4·5	256	1·09	164	0·73				139·52	36·00	40	II
	Komaba		11 27 09·6	7·9	6	280	0·32	190	0·32							
	Mitaka		11 27 06·2	7·3	4·5	** 178	0·89	* 194	0·67							
	Tukuba		11 27 07·6	8·3	2·5	43	0·20	39	0·25							I
	Kamakura		11 27 10·4	10·5	3	100	0·66	54	0·33							I
	Misaki			11·3	4	35	0·53	36	0·78							
	Kiyosumi		11 27 14·4	13·3	4	12	1·06	12	1·19							
	Tukuba			7·2	3	58	0·84	78	0·94							
	Koyama			11·0	4	328	0·52	368	0·79							
	Yosiwara			13·2	3	40	0·48	32	0·48							
	Susaki[1]		11 27 15·9	18·4	1	6	1·1	6	1·3							
		April														
6	Tôkyô	9	0 48 04·8	8·0	8	670	0·63	980	0·63				140·05	35·52	60	II
	Komaba		0 48 04·6	9·1	8	1480	0·46	1100	0·46							II
	Mitaka		0 48 04·8	9·8	5	** 854	0·86	* 496	0·86							
	Tukuba		0 48 05·4	9·4	3	91	0·17	134	0·28							II
	Kamakura		0 48 05·1	9·2	4	266	0·5	492	0·5	+ 2	+ 4	− 100				II
	Misaki			10·3	8	383	1·02	338	1·02	+ 1	+ 1					II
	Kiyosumi		0 48 04·4	8·7	5	64	0·56	136	0·56							
	Titibu			14·4	5	136	1·67	176	1·82	+ 1	− 1					
	Koyama			14·0	4	122	0·40	108	0·40							I
	Yosiwara				5	128	0·59	160	0·59							
	Susaki[1]		0 48 13·1	16·5	3	22	0·25	20	0·37							I
7	Tôkyô	19	2 12 02·2	8·9	4			127	0·79				140·07	35·54	60	I
	Komaba		2 12 02·5	10·4	5	150	0·80	130	0·80							I
	Mitaka		2 12 05·3	10·0	3	** 101	0·54	* 91	0·54							
	Tukuba		2 12 05·3	9·3	2	5	0·26	10	0·36							
	Kamakura		2 12 06·5	10·0	3	60	0·79	50	0·59							
	Misaki			10·4	4	53	0·69	24	0·56	+ 1	+ 1					
	Kiyosumi		2 12 01·5	8·8	3	12	0·51	16	0·68							
	Titibu				3	18	0·55	18	0·82							
	Koyama			13·3	3	40	0·55	60	0·55							
	Yosiwara			18·2	2	24	0·77	36	0·77							
	Susaki[1]		2 12 14·2	15·9?	1	1	0·4	2	0·5							
8	Tôkyô	27	21 51 28·9	16·6	25	330	0·61	560	0·61				140·95	36·15	60	II
	Komaba		21 51 29·3	16·2	11											II
	Mitaka		21 51 32·4	18·3	10	** 200	0·78	* 200	0·78							

(*to be continued.*)

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List II. (*continued.*)

No.	Station	Date	Time of occurrence	Duration		Maximum motion				Initial motion			Epicentre		Depth	Intensity
				Prel. tr.	Total	N.S.		E.W.		N(+) s(−)	E(+) W(−)	U(+) D(−)	λ (E)	φ (N)		
						2A	T	2A	T							
		April	h m s	s	m	μ	s	μ	s	μ	μ	μ	°	°	km	
8	Tukuba	27	21 51 23·0	10·4												
	Kamakura		21 51 37·7	20·7	7	548	1·87	768	2·55							
	Misaki			24·2	7	158	1·68	273	1·78	− 0·8	− 0·8					
	Kiyosumi		21 51 32·3	18·2	13	234	1·31	146	1·31							
	Titibu			21·6	8	142	0·79	170	0·79	± 0	− 2					
	Koyama			23·7	8	1024	2·43	580	2·43							I
	Yosiwara			28·3	9	360	1·94	400	1·55							
	Susaki[1]		21 51 46·2	31·8?	6	36	2·5	10	1·5							
		May														
9	Tôkyô	1	15 15 40·4	9·0	2	20	0·35	27	0·35				139·87	36·02	40	I
	Komaba		15 15 42·1	9·1	2	28	0·30	26	0·30							
	Mitaka		15 15 42·1	10·0	4	** 23	0·22	* 18	0·43							
	Tukuba		15 15 41·5	8·9	1	4	0·19	6	0·20							
	Kamakura		15 15 43·4	10·4	2·5	16	0·43	25	0·43							I
	Misaki			10·4	2·5	19	0·65	16	0·65							
	Kiyosumi		15 15 40·4	12·7	2	4	0·73	6	0·73							
	Titibu			12·0	2	7	0·63	6	0·63							
	Koyama				2	36	0·48	40	0·48							
		June														
10	Tôkyô	8	21 35 28·0	9·7	3	36	0·38	106	0·38				140·30	36·13	40	I
	Komaba		21 35 28·7	10·4	3	40	0·32	40	0·32							
	Mitaka		21 35 27·3	10·8	3	** 44	0·68	* 40	0·45							
	Tukuba		21 35 22·8	5·8	2	99	0·27	56	0·19	+ 5	+ 3	+				
	Kamakura		21 35 —	14·0	2·5	18	0·25	35	0·41							
	Misaki			16·4	3	11	0·48	13	0·48							
	Kiyosumi		21 35 32·8	14·6	3	4	0·54	4	0·54							
	Titibu			8·3	2	12	0·25	8	0·23							
	Koyama			14·4	2	20	0·48	32	0·48							
11	Tôkyô	17	17 55 57·1	8·8	3	40	0·42	100	0·42				139·95	35·63	60	I
	Komaba		17 55 53·4	11·1	3	120	0·16	50	0·16							I
	Mitaka		17 55 58·2	9·0	3	** 73	0·32	* 50	0·21							
	Tukuba		17 55 58·5	9·4	1·5	7	0·21	10	0·26							I
	Kamakura		17 55 58·3	8·4	3	50	0·29	31	0·29							
	Misaki			10·1	3	30	0·53	34	0·53							
	Kiyosumi		17 55 58·9	9·6	3	6	0·48	5	0·36							I
	Titibu			8·5	3	10	0·44	8	0·38							
	Koyama			11·0	3	24	0·39	40	0·39							
12	Tôkyô	19	4 52 02·4	10·0	4	25	0·33	120	0·33				139·84	36·00	40	I
	Komaba		4 52 09·7	9·2	3	30	0·31	24	0·31							
	Mitaka		4 52 04·9	10·4	3	** 18	0·23	* 33	0·23							
	Tukuba		4 52 02·5	10·8	2	12	0·33	7	0·31							I
	Kamakura		4 51 59·2	10·8	3	116	0·56	44	0·56							
	Misaki			12·8	3	19	0·59	17	0·59							
	Kiyosumi		4 52 06·2	13·3	2	12	0·69	6	0·55							
	Titibu			12·2	2	20	0·45	8	0·45							
	Koyama			14·9	2	84	0·29	64	0·29							
	Susaki[1]		4 52 11·1	17·8	1	2	0·37	6	0·68							
13	Tôkyô	26	1 53 01·0	51·2	20	230	0·86	190	0·86				138·86	33·48		I
	Komaba		1 53 00·5	53·4	20	200	0·66	260	0·66							I
	Mitaka		1 53 06·7	50·4	9	** 406	0·74	* 403	0·85							
	Tukuba		1 53 05·0	55·7	6	46	0·61	157	0·77							I

(to be continued.)

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List II. (*continued.*)

No.	Station	Date	Time of occurrence.	Duration		Maximum motion				Initial motion			Epicentre		Depth	Intensity
				Prel. tr.	Total	N.S.		E.W.		N (+) S (−)	E (+) W (−)	U (+) D (−)	λ (E)	φ (N)		
						2A	T	2A	T							
		June	h m s	s	m	μ	s	μ	s	μ	μ	μ	°	°		
13	Kamakura	26	1 52 56·4	47·9	6	222	0·84	84	0·84							I
	Misaki			47·7	7	179	1·28	156	1·70							I
	Kiyosumi		1 52 58·7	49·7	7	72	1·05	40	1·05	− 2	− 1	−1.2				
	Koyama			48·9	8	500	2·27	552	1·82	− 8	+ 4					
	Susaki[1)]		1 52 51.8	46·0	8	40	2·01	60	2·0	−17	− 1					

**.....NE. SW. component. *.....NW. SE. component.

1).....By the courtesy of Mitui Geophysical Observatory,

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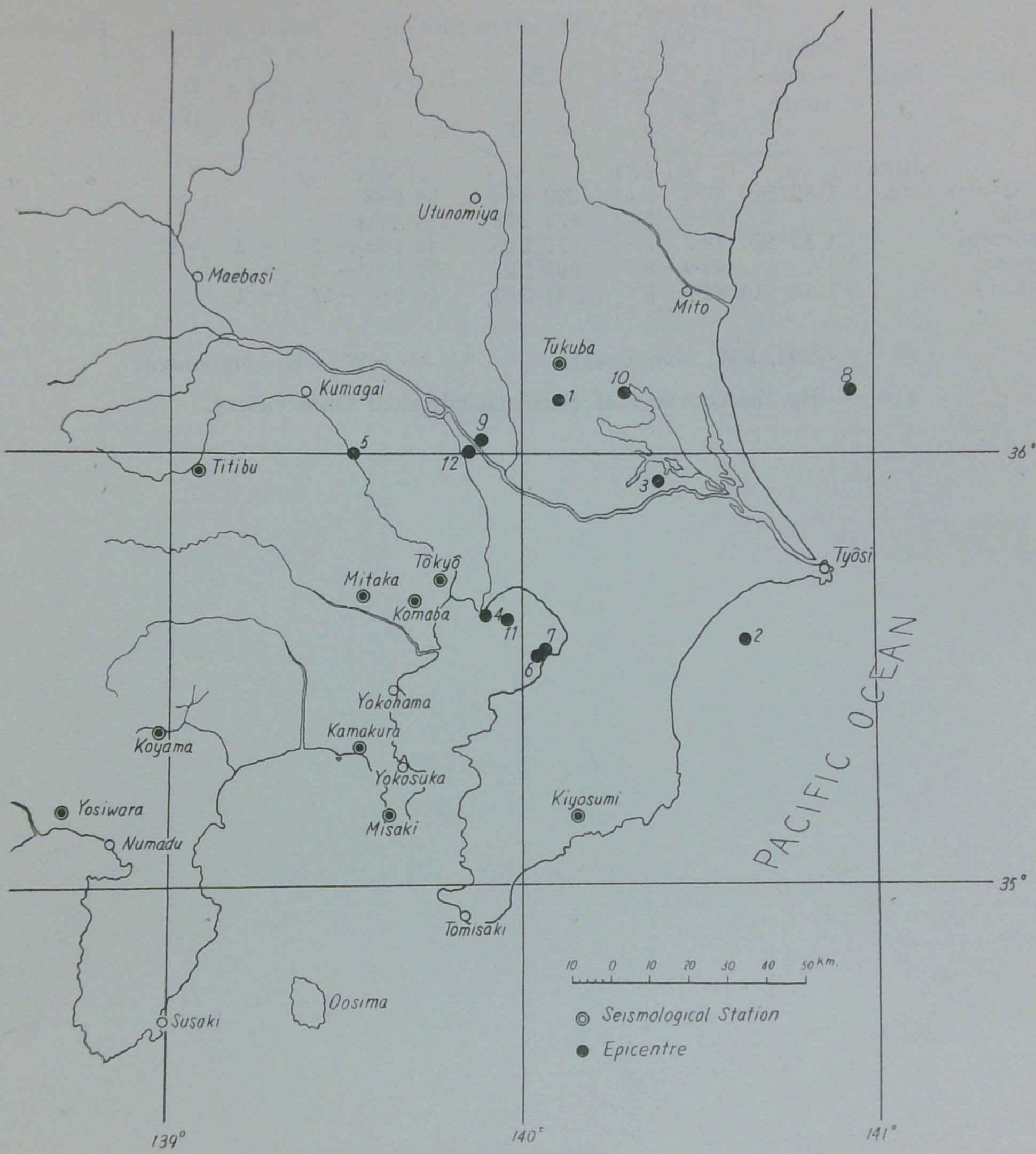

Fig. 1. Distribution of the epicentres of the sensible earthquakes in Tôkyô for the period January 1~June 30, 1936. (Figures attached to each dot are the earthquake number in List II.)

International Seismological Centre

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地震觀測報告

昭和11年 第3～4冊

SEISMOMETRICAL REPORT

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Earthquake Research Institute, Tôkyô, Nippon.

(Part 3 and 4, 1936.)

(July 1~December 31, 1936.)

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(1) *Sensible earthquakes in Tôkyô for the period July 1~December 31, 1936.*

List I.

Time=Central standard time of Nippon. (Mean solar time of the meridian 135° E.

Notation:

Prel. tr.=Preliminary tremor.
N. S. =North-south component.
E. W. =East-west component.
2A =Range of motion.
T =Period of earthquake motion.
λ =Longitude.
φ =Latitude.

Intensity: 0 (insensible), I (slight), II (rather weak), III (weak), IV (rather strong), V (strong), VI (violent).

No.	Station	Date	Time of occurrence.	Duration		Maximum motion				Initial motion			Epicentre		Depth	Intensity
				Prel. tr.	Total	N.S.		E.W.		N(+) S(−)	E(+) W(−)	U(+) D(−)	λ (E)	φ (N)		
						2A	T	2A	T							
		1936 July	h m s	s	m	μ	s	μ	s	μ	μ	μ	°	°	km	
14	Tôkyô	5	5 41 03·4	14·6	11	326	2·33	170	1·75				140·77	35·39	50	I
	Komaba		5 41 06·0	16·2	18	188	1·44	80	1·29							I
	Mitaka		5 41 07·4	16·2	8	** 163	1·09	* 266	1·42							
	Tukuba		5 41 02·4	13·8	5											I
	Kamakura		5 41 06·7	16·4	4	300	0·84	250	0·84							I
	Misaki			15·4	4	106	0·55	98	0·55							
	Kiyosumi		5 41 00·4	8·8	10	300	1·29	250	1·68							I
	Titibu			21·2	5	145	1·38	120	1·38							

(to be continued.)

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List I. (*continued.*)

No.	Station	Date	Time of occurrence.	Duration Prel. tr.	Duration Total	Maximum motion N.S. 2A	Maximum motion N.S. T	Maximum motion E.W. 2A	Maximum motion E.W. T	Initial motion N(+) S(−)	Initial motion E(+) W(−)	Initial motion U(+) D(−)	Epicentre λ (E)	Epicentre φ (N)	Depth	Intensity
		1936 July	h m s	s	m	μ	s	μ	s	μ	μ	μ	°	°	km	
14	Koyama	5		24·9	5	340	1·67	252	1·11							
	Yosiwara			26·2	5	132	1·39	96	0·87							
	Susaki[1]		5 41 11·8	25·0	4	24	1·70	22	1·40							
15	Tôkyô	15	10 55 15·8	18·9	20	500	3·61	620	3·83				141·23	36·22	50	I
	Komaba		10 55 19·4	20·5	20	858	3·25	1404	3·25							I
	Mitaka		10 55 18·0	20·8	15	** 163	0·85	* 194	1·12							
	Tukuba		10 55 08·5	8·8	8	84	0·34	109	0·49							II
	Kamakura		10 55 —	23·2	8	400	3·24	1100	3·80							
	Koyama			28·4	11	1700	3·21	680	2·83							
	Yosiwara			35·0	6	220	1·37	240	1·38							
	Susaki[1]		10 55 31·0	36·0	11	24	3·00	48	3.00							
16	Tôkyô	19	2 49 08·8	32·3	16			173	0.71				141·46	37·27		I
	Komaba		2 49 07·9	31·7	14	80	0·79	64	0·64							I
	Mitaka		2 49 11·2	30.6	9	** 122	0·90	* 231	1·58							
	Tukuba		2 49 01·2	18·3?	4	47		93	0·53							II
	Kamakura		2 49 15·1	39·3	5	142	0·66	82	0·66							
	Misaki			36·1	6	82	1·02	92	1·52							
	Kiyosumi		2 49 12·5	33·7	10			76	2.41							
	Koyama			37·6	6	405	2·67	332	2·45							
	Yosiwara			40·7	6	160	1·58	144	1.58							
	Susaki[1]		2 49 23·6	47·7	7	12	0·7	8	0·7							
17	Tôkyô	Augst 13	10 51 48·9	9·9	7	225	0·57	173	0·57				140·11	36·00	60	I
	Komaba		10 51 49·8	10·6	6	126	0·78	186	0·70							I
	Mitaka		10 51 51·3	8·8	5	** 206	0·62	* 121	0·66							
	Tukuba		10 51 44·1	6·6	2·5	23	0·19	102	0·19	+ 4·2						II
	Kamakura		10 51 53·4	13·0	4	34	0·49	102	0·49							
	Misaki			15·5	5	37	0·62	30	0·62							
	Kiyosumi		10 51 53·6	13·5	4	12	0·81	18	0·81							
	Titibu			13·2	5	40	0·50	34	0·50							
	Koyama			15·5	4	112	0·53	404	0·74							
	Yosiwara			17·6	4	68	0·85	56	0·68							
	Susaki[1]		10 52 02·5	20·3	2	8	0·5	8	0·5							
18	Tôkyô	Sept. 12	19 57 14·7	10·1	15	246	0·48	127	0·38				140·61	35·38	20	I
	Komaba		19 57 15·8	10·7	14	224	0·78	85	0·47							I
	Mitaka		19 57 17·0	12·5	9	** 114	0·78	* 165	0·71							
	Tukuba		19 57 16·9	11·0	5	40	0·26	73	0·31	− 5	+ 3					
	Kamakura		19 57 19·0	12·9	5	250	1·38	400	1·38							
	Misaki			11·4	10	74	2·07	66	2·31							
	Kiyosumi			5·9	9	890	3·18	500	2·81							I
	Titibu			18·8	7	40	2·03	35	1·52							
	Koyama			19·4	6	460	2·57	220	2·12							
	Susaki[1]		19 57 21·8	23·7	8	48	2·3	20	2·0							
19	Tôkyô	30	12 44 23·3	8·4	10	1800	0·75	1817	1·00				140·07	35·90	70	II
	Komaba		12 44 24·5	8·5	10	700	0·70	760	0·64							II
	Mitaka		12 44 23·6	9·7	7	** 893	0·91	* 687	0·91							
	Tukuba		12 44 23·0	8·2	4	81	0.32									II
	Kamakura		12 44 24·6	11·7	5	634	1·40	346	0·70							II
	Misaki			12·1	7	287	1·21	283	0·94							

(*to be continued.*)

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List I. (*continued.*)

No.	Station	Date	Time of occurrence	Duration		Maximum motion				Initial motion			Epicentre		Depth	Intensity
				Prel. tr.	Total	N.S.		E.W.		N(+) s(−)	E(+) W(−)	U(+) D(−)	λ (E)	φ (N)		
						2A	T	2A	T							
		1936 Sept.	h m s	s	m	μ	s	μ	s	μ	μ	μ	°	°	km	
19	Kiyosumi	30		13·3	7	72	0·89	120	0·76							I
	Titibu			13·5	6	80	0·52	100	0·62							
	Koyama			14·1	5	440	0·43	500	0·43							I
	Susaki[1]		12 44 34·6	17·1	2	12	0·3	10	0·3							
		Oct.														
20	Tôkyô	9	5 28 07·2	14·2	6	32	0·74	52	0·54				140·56	35·05	50	I
	Komaba		5 28 09·0	14·7	6	40	0·56	42	0·32							I
	Mitaka		5 28 10·8	15·1	5	56	0·69	54	0·80							
	Tukuba		5 28 09·0	12·6	4	9	0·60	17	0·65							
	Kamakura		5 28 07·2	13·3	4	190	0·56	130	0·56							I
	Misaki			12·3	6	52	0·64	60	0·48							
	Kiyosumi		5 28 01·9	7·6	8	144	0·45	136	0·54	− 2	+ 7	− 16				I
	Titibu			22·3	4	20	1·09									
	Koyama			17·4	5	56	0·69	56	0·69							
	Yosiwara			21·5	5	40	0·77	56	0·77							
	Susaki[1]		5 28 14·9	17·1	2	12	0·3	10	0·3							
21	Tôkyô	9	10 16 17·2	8·2	4	72	0·31	87	0·41				139·99	36·21	30	I
	Komaba		10 16 14·5	9·5	4	40	0·35	54	0·49							
	Mitaka		10 16	9·5	4	96	0·82	56	0·93							
	Tukuba		10 16 12·8	6·3	2	28	0·13	63	0·32							II
	Kamakura		10 16 20·9	13·8	3	38	0·41	12	0·33							
	Misaki			15·3	5	12	0·54	14	0·89							
	Kiyosumi		10 16 24·4	15·0	3	10	0·58	6	0·58							
	Titibu			9·2	2	56	0·49	32	0·49							
	Koyama			15·3	2·5	112	0·62	180	0·62							
	Yosiwara			19·8	3	32	0·77	56	0·58							
22	Tôkyô	20	23 24 07·8	19·8	6	100	1·70	90	1·70				138·24	35·03	30	I
	Komaba		23 24 —	20·0	6	170	1·92	120	1·28							I
	Mitaka		23 24 05·4	17·9	6	244	0·83	594	1·44							
	Tukuba		23 24 15·2	25·4	5	16	1·05	23	1·55							
	Kamakura		23 24 58·5	15·6	5	222	1·49	376	1·41							
	Misaki			17·5	6	108	1·27	171	1·01							
	Kiyosumi		23 24 08·3	22·7	5			46	1·60							
	Koyama			10·2	7	700	0·40	892	0·40							II
	Yosiwara			6·9	8	1120	0·92	1420	0·92							III
	Susaki[1]		23 24 —	9·1	4	164	0·8	156	0·8	−12·8	+24·0					I
23	Tôkyô	24	17 08 28·7	8·3	5	225	0·59	253	0·59				140 44	35·79	30	I
	Komaba		17 08 29·3	8·6	5	166	0·44	250	0·52							
	Mitaka		17 08 29·9	11·6	5	56	0·57	99	0·79							
	Tukuba		17 08 27·2	6·8	2·5	10	0·34	41	0·40							
	Kamakura		17 08 37·7	13·5	3	44	0·56	32	0·47	− 2	− 4					
	Misaki			12·7	4	22	0·60	15	0·72							
	Kiyosumi			9·8	5	56	0·62	40	0·72							
	Titibu			15·5	3	18	1·37	14	1·03							
	Koyama			16·8	4	64	0·51	28	0·34							
	Yosiwara			19·8	4	36	0·41	36	0·51							
	Susaki[1]		17 08 —	21·0	3	8	0·8	8	0·8							
24	Tôkyô	26	0 30 49·9	18·1	20	2754	0·72	2265	0·65	−225	+40	−325	139·96	34·73	80	III
	Komaba		0 30 48·8	18·6	10+	2360		1808	1·93	− 7	+ 2	− 61				II

(*to be continued.*)

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List I. (*continued.*)

No.	Station	Date	Time of occurrence.	Duration		Maximum motion				Initial motion			Epicentre		Depth	Intensity
				Prel. tr.	Total	N.S.		E.W.		N(+) S(−)	E(+) W(−)	U(+) D(−)	λ (E)	φ (N)		
						2A	T	2A	T							
		1936 Oct.	h m s	s	m	μ	s	μ	s	μ	μ	μ	°	°	km	
24	Mitaka	26	0 30 37·8?	17·8?												
	Tukuba		0 30 54·1	21·0	10											II
	Kamakura		0 30 45·7	15·6	11	5600	2·08	6250	2·40	−64	+60	−400				III
	Misaki			13·6		1265+	2·21	1185+	1·50							
	Kiyosumi		0 30 43·0	13·2		3080	3·75	3600	2·50							I
	Titibu			21·2	13	1390	2·73	1880	2·27							
	Koyama			19·5	11											
	Yosiwara			19·2	11	1700	1·12	3600	1·60							
	Susaki[1]		0 30 49·8	15·9	15	740	1·6	1682	2·1	−10	+126					I
25	Tôkyô	Nov. 3	5 46 46·6	37·8	80	26000	3·02	12750	3·02	− 2	− 1	+ 1·8	142·00	38·42		III
	Komaba		5 46 48·0	34·5?												III
	Mitaka		5 46 47·9	39.3												III
	Tukuba		5 46 38·7	32?	40											IV
	Kamakura		5 46 55·3	40·0	25	7260	3·60	38500	4·57							II
	Kiyosumi		5 46 52·6	41·0												
	Koyama			46·3	20+											I
	Susaki[1]		5 46 —	45·4	59	2200+		2600+			− 1·6	− 2·0				
26	Tôkyô	8	2 12 57·2	10·3	3	52	0·69	50	0·69				139·96	36·06	50	I
	Komaba		2 12 55·0	9·7	2	56	1·13	90	0·48							
	Mitaka		2 12 57·8	11·3	3	34	0·35	38	0·35							
	Tukuba		2 12 52·5	6·8	2	50	0·14	58	0·13	− 4						II
	Kamakura		2 13 02·1	12·4	3	34	0·26	28	0·26							I
	Misaki			13·9	4	38	0·65	27	0·65							
	Kiyosumi		2 13 01·2	12·3	3			6	0·75							
	Titibu			10·4	2	6		7								
	Koyama			16·5	2	40	0·25	40	0·21							
27	Tôkyô	8	15 33 34·6	22·7	6	106	0·81	107	0·81				141·58	36·19	40	I
	Komaba		15 33 35·0	23·0	6	60	0·90	116	0·90							
	Tukuba		15 33 27·5	14·0	4	41	0·58	57	0·81							I
	Kamakura		15 33 42·3	26·8	4	82	0·53	112	0·86							
	Misaki			28·0	7	69	3·00	86	3·00							
	Kiyosumi		15 33 38·8	22·2	5	46	2·22	36	1·67							
	Titibu			24·9	5	60	0·58	76	0·67							
	Koyama			31·5	6	120	1·05	210	1·13							
	Susaki[1]		15 33 54·9	37·0	3	12	1·1	12	1·1							
23	Tôkyô	19	22 57 13·0	10·6	13	1090	0·62	810	0·62	− 1	− 4	−30	138·82	35·69	15	II
	Komaba		22 57 11·1	9·3	12	1440	0·78	1060	0·78							II
	Mitaka		22 57 09·9	7·9	12	781	0·80									
	Tukuba		22 57 20·1	13·9	8											
	Kamakura		22 57 09·6	8·2	6	850	1·37	3112	1·37	+ 7	−10	−100				II
	Misaki			12·6	12	220	0·82	848	1·17	+ 9·2	−14·1					
	Kiyosumi			13·6	8	200	2·67	226	2·67							
	Titibu			6·1	11	200	1·21	531	1·26	−22	− 2					
	Koyama			5·4	11	2760	0·95	4280	0·95	−327	+52					III
	Yosiwara			7·5	7	1380	0·45	1116	0·45							II
	Susaki[1]		22 57 14·9	12·0	1	380	0·4	160	0·4	− 5	− 0·6					
29	Tôkyô	Dec. 10	22 26 13·1	17·7	15	296	0·77	504	0·77				140·26	34·32	40	II
	Komaba		22 26 11·3	18·1	11	350	0·66	500	0·66							I

(*to be continued.*)

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List I. (*continued.*)

No.	Station	Date	Time of occurrence.	Duration		Maximum motion				Initial motion			Epicentre		Depth	Intensity
				Prel. tr.	Total	N.S.		E.W.		N(+) S(−)	E(+) W(−)	U(+) D(−)	λ (E)	φ (N)		
						2A	T	2A	T							
		1936 Dec.	h m s	s	m	μ	s	μ	s	μ	μ	μ	°	°	km	
29	Mitaka	10	22 26 13·2	18·2	13	363	0·93	*313	0·93							
	Tukuba		22 26 21·5	20·3	5	31	0·45	48	0·53							I
	Kamakura		22 26 08·3	14·8	5	104	0·48	802	0·48							I
	Misaki			11·4	10	158	1·09	328	1·31	− 2·5	+ 2·5					
	Kiyosumi		22 26 03·1	10·7	13	110	1·02	454	1·37	+ 4	± 0	+16				I
	Titibu			22·2	9	60	0·92	72	0·92							
	Koyama			17·9	8	252	0·67	260	0·67	−12	+24					I
	Yosiwara			20·7	8	300	0·83	248	0·83							
	Susaki[1]		22 26 09·6	13·8	8	4500	0·8	6000	0·8	− 1	+12					I
30	Tôkyô	24	7 56 08·3	20·2	13	178	0·71	146	0·71				141·13	37·00	40	I
	Komaba		7 56 09·4	20·5	11	144	0·64	164	0·48	− 1·5	− 2	+11				I
	Mitaka		7 56 07·6	21·3												
	Tukuba		7 55 59·8	12·9	5	220		92	0·25							III
	Kamakura		7 56 13·7	26·1	6	136	0·56	130	0·56							
	Misaki			24·2	10	50	0·81	67	0·58							
	Kiyosumi		7 56 24·7	24·8	10	120	1·66	70	1·66							
	Titibu			21·5	6	190	0·73	148	0·73							
	Koyama			31·8	6	200	0·92	160	0·92							I
	Yosiwara			44·5	5	140	0·53	180	0·53							
	Susaki[1]		7 56 27·7	33·3	5	16	0·7	24	0·7							
31	Tôkyô	27	9 15 08·1	19·4	30	7670	9·1	8000	11·2				139·20	34·41	25	I
	Komaba		9 15 04·5	17·0	10+	2250+	4·3	2060+	4·5							I
	Mitaka		9 15 05·3	20·8												
	Tukuba		9 15 13·7	24·8	15											I
	Kamakura		9 14 59·3	14·5	16	1750	1·62	6300	2·43	− 5	− 3?					II
	Misaki			11·8		1110+	2·73	1162+	2·73	− 2·5	+ 3·3					
	Kiyosumi		9 14 56·5	14·1		1600+	3·55			+18	+16	+81				I
	Titibu			22·5	20	900	3·00	870	3·90	+ 2	± 0					
	Koyama			16·9	20	4640+	3·19	4360	2·85	− 8	+24					
	Yosiwara			13·7	12	4000	4·42	3900	4·75							
	Susaki[1]		9 14 49·7	5·5	20+	2400+		3000+		−600	+330					III

**.....NE—SW. component. *.....NW—SE. component.

1) Observation of the Mitui Geophysical Observatory.

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List II.

Daily frequencies of earthquakes felt in Tôkyô in 1936.

Date \ Mouth	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Sum
1					1								1
2													
3											1		1
4													
5							1						1
6													
7													
8						1					2		3
9				1						2			3
10			2									1	3
11		1											1
12									1				1
13								1					1
14													
15							1						1
16													
17						1							1
18	1												1
19				1		1	1				1		4
20										1			1
21													
22													
23													
24										1		1	2
25													
26						1				1			2
27				1								1	2
28													
29	1												1
30									1				1
31													
Sun	2	1	2	3	1	4	3	1	2	5	4	3	31

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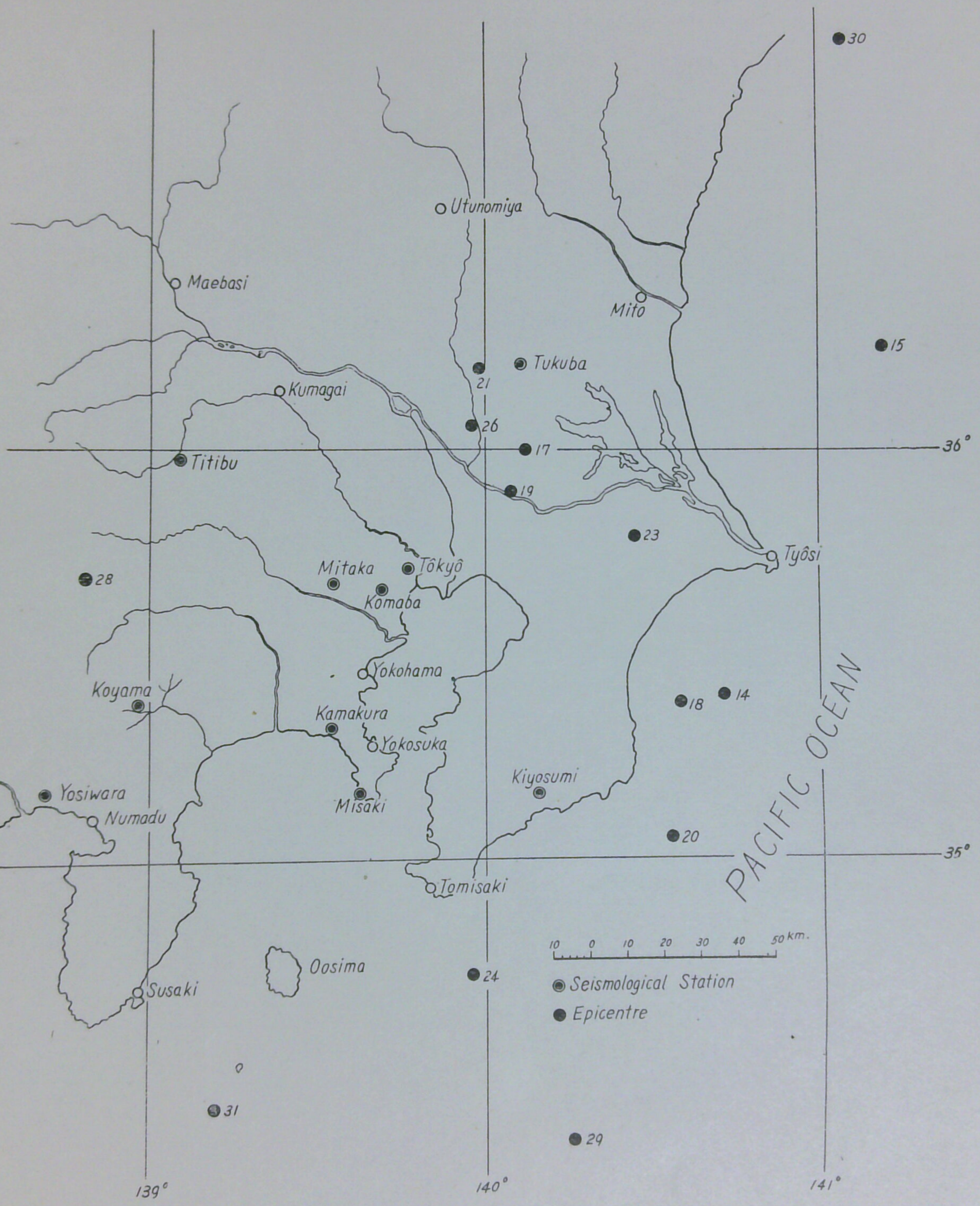

Fig. 1. Distribution of epicentres of sensible earthquakes in Tôkyô for the period July 1~December 31, 1936. (Figures attached to each dot are the earthquake numbers in List I.)