

### 33. The Tōnankai Earthquake, 1944

(December 7th, 13:35. 33°42'N, 136°12'E,  
r=680Km, M=8.3)

It caused heavy damage in Shizuoka, Aichi and Mie Pref., and little damage in Gifu, Nara, Shiga Prefs. Total damage: 871 dead, 1,859 injured, 13,586 razed houses, 11,854 half destroyed houses, 16,686 completely destroyed huts, 11,854 half destroyed huts, etc. Especially in Nagoya, the heavy industry district suffered big damage. 12 trains were thrown down along the Tokaido line.

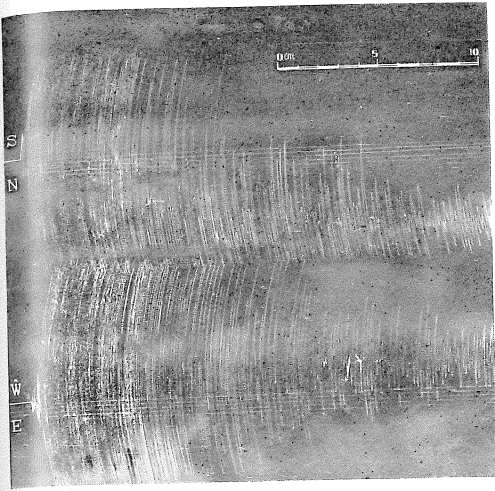


Tsunami occurred along the coast of Kumano Sea with average height of 6-8m, attaining to 10m at some places. 3,000 houses were washed away, 250 persons downed, ships washed away. Tsunami wave travelling so far overtook Shimoda Harbour of Izu Peninsula.

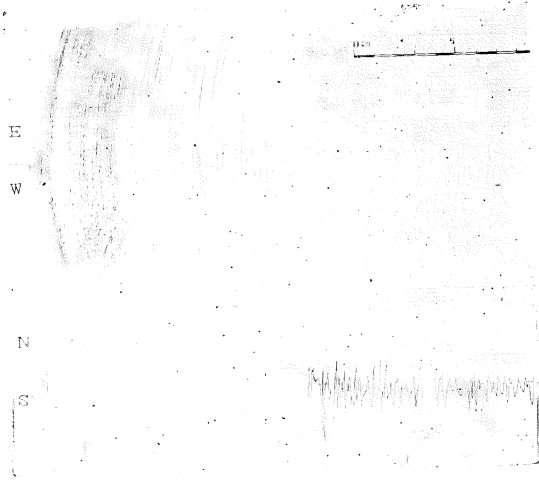
#### Seismograph

No. Fig.	Station	Int.	Inst.	Comp.	V	T	r	v	ps	No. m. f.
1	Nara	V	P	{ N E	30	4.2 4.3	0.020 0.028	—	24.7	81
2	Ibukiyama	IV	P	{ N E	50	4.6 4.3	0.041 0.050	2.1 1.8	23.5	266
3	Kyōto	IV	S						24.4	103
4	Iida	V	P(N)		50	6	0.17	2.3	27.5	302
5	Kōbe	IV	S	H. V	2	3.0	—	2	25.0	57
6,7	"		W	{ E V	105 110 90	5.8 6.2 5.5	0.04 0.03 0.02	5.0 5.5 4.6	21.8 22.5	183
8	Kochi	IV	S(I)						—	422
9,10	"		O	{ N E					33.5 24.0	430 431
11	Takamatsu	IV	P	{ N E	50	4.3 4.4	0.06 0.02	4 5	25.0	77
12,13	Sumoto	IV	W	{ N E V	113 121 66	3.8 3.2 4.1	0.012 0.014 0.011	5.1 5.4 5.6	31.6 32.0	190 195
14	Funatsu	IV	W	{ N E V	96 85 70	5.1 4.9 3.1	0.020 0.015 0.052	8 5 4	30.5 —	152 —
15	Toyama	IV	W	V					28.0	352
16,17	Owashi	V	W	{ N E V	109 78 73	4.1 4.1 3.4	0.03 0.03 0.20	4 3 3	51.5 30.1	169 167
18	"		S	H. V	2	3.1	0.03	3	23.2	32
19	Shionomisaki	IV	S						31.6	66
20	Tsu	VI	P						18.1	312
21	Matsumoto	IV	P						—	317
22	"		P(C)						17.1	318
23	Gifu	V	S						—	487
24	Kameyama	V	S						68.5	496
25	Wajima	IV	S						—	500
26	Hamamatsu	VI	P		50	5.0	0.013	—	23.6	1
27	"		W	H	77	3.7	0.02	6	28.1	157
28	Omaezaki	IV	S						53.5	95
29	Mishima	IV	W	{ N E V	86 90 66	4.3 3.5 3.5	0.01 0.02 0.02	3 4 3	27.8	149
30	"		S	{ H V	1	5.0 2.5	0.03	3	—	327
31	Chichibu	IV	P	{ N E	40	3.5 4.2	0.03 0.01	2.7 2.0	25.3	326

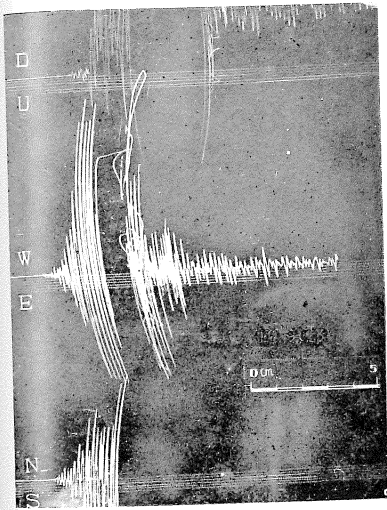
m: Tsuruga. d: Fukui, Muroto, Kofu, Wakayama.



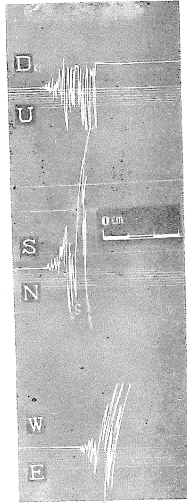
1. Nara (P)



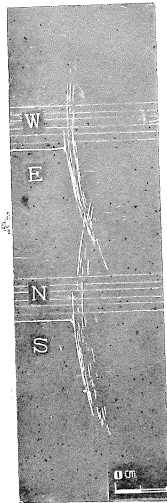
2. Ibukiyama (P)



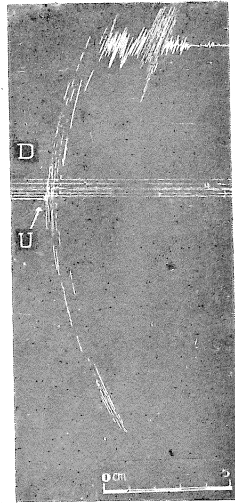
3. Kyōto (S)



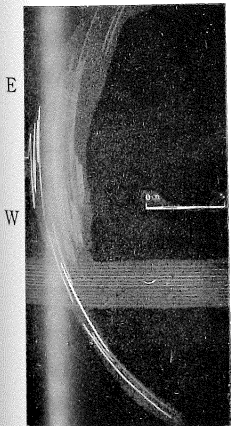
5. Kōbe (S)



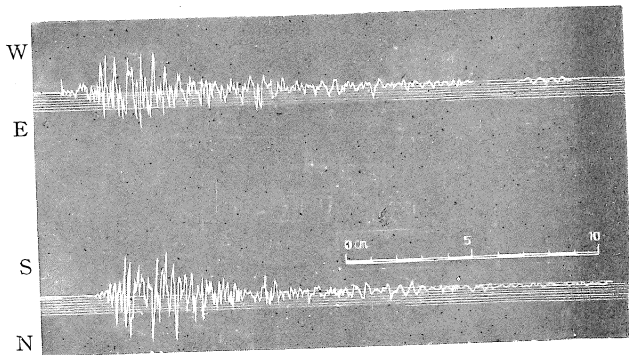
6. Kōbe (WH)



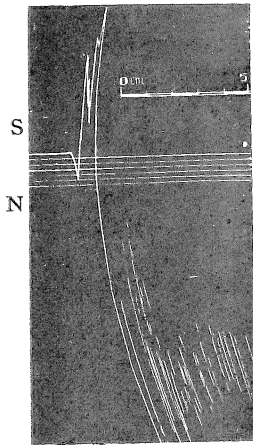
7. Kōbe (WV)



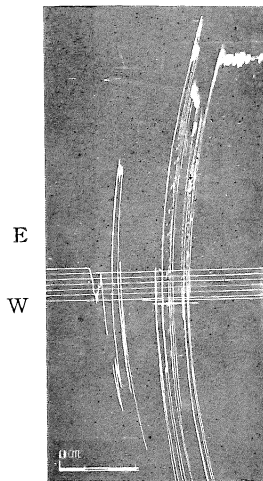
4. Iida (P)



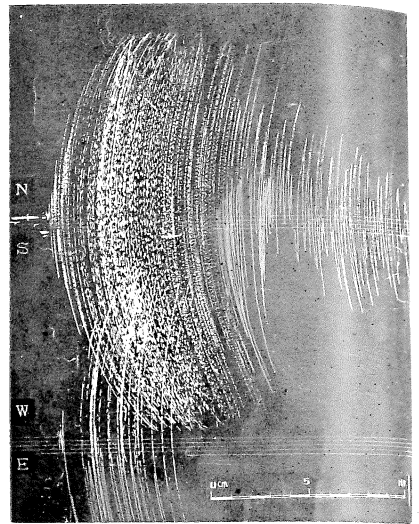
8. Kōchi (S)



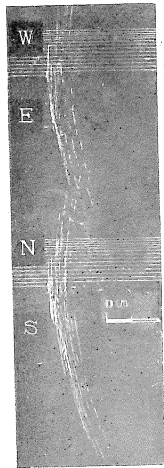
9. Kōchi (ON)



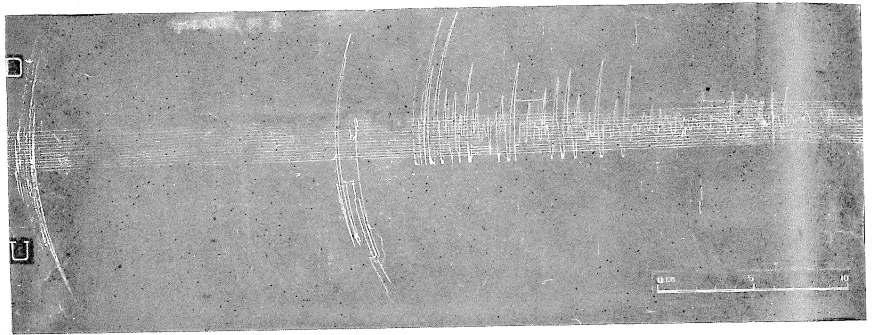
10. Kōchi (OE)



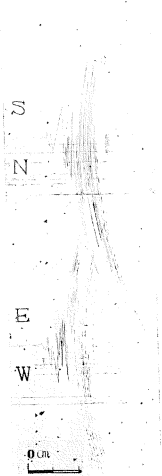
11. Takamatsu (P)



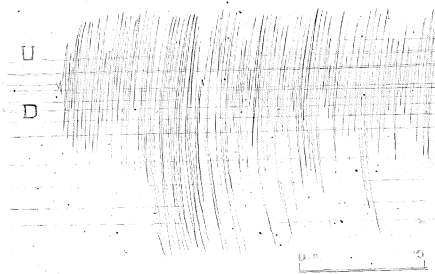
12. Sumoto (WH)



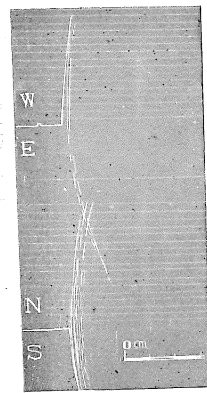
13. Sumoto (WV)



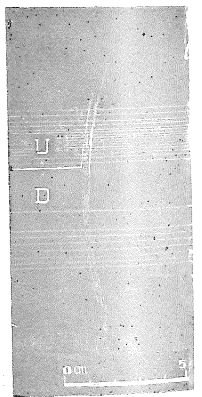
14. Funatsu (WH)



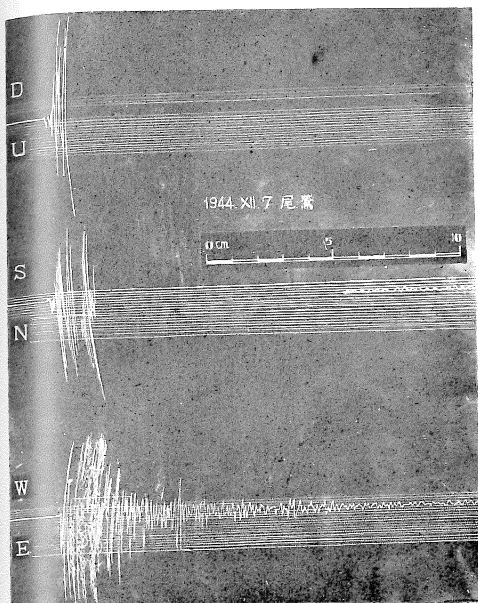
15. Toyama (WV)



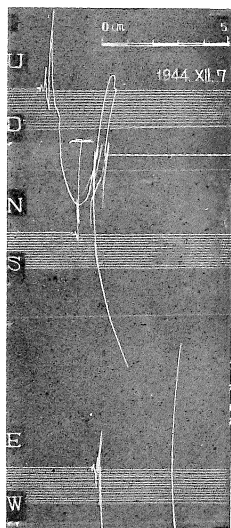
16. Owashi (WH)



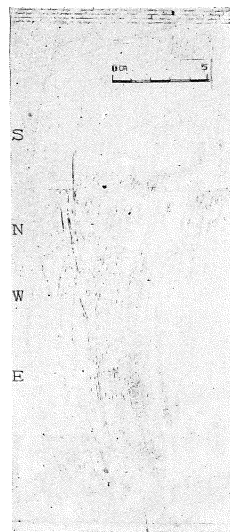
17. Owashi (WV)



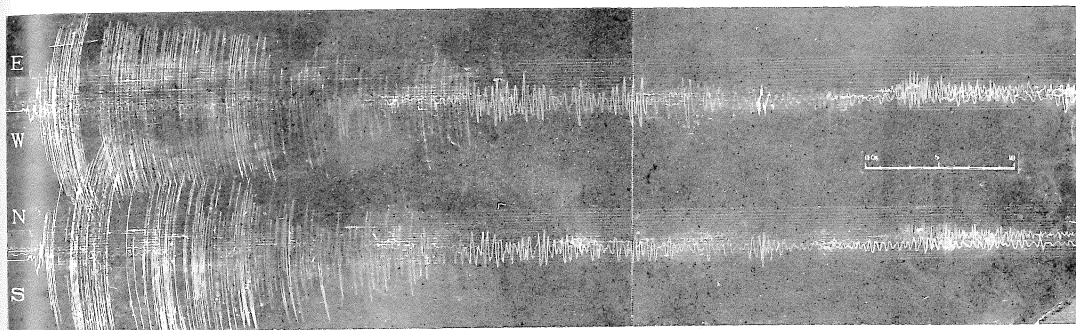
18. Owashi (S)



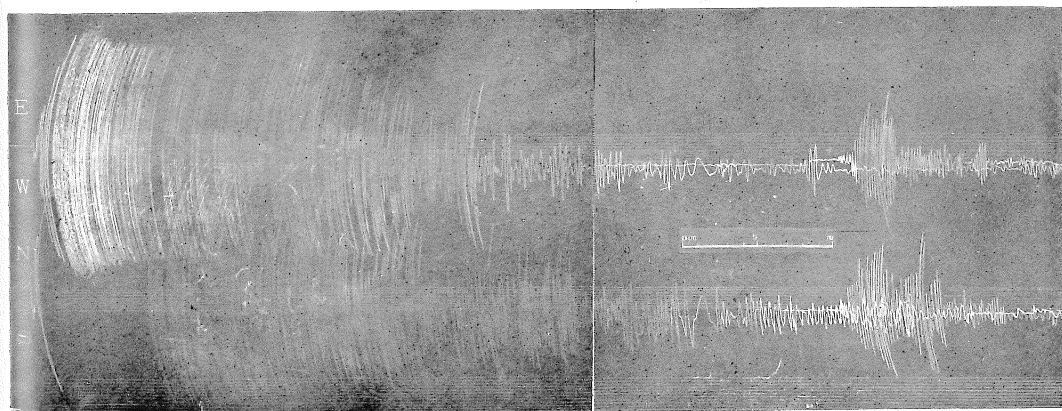
19. Shionomisaki (S)



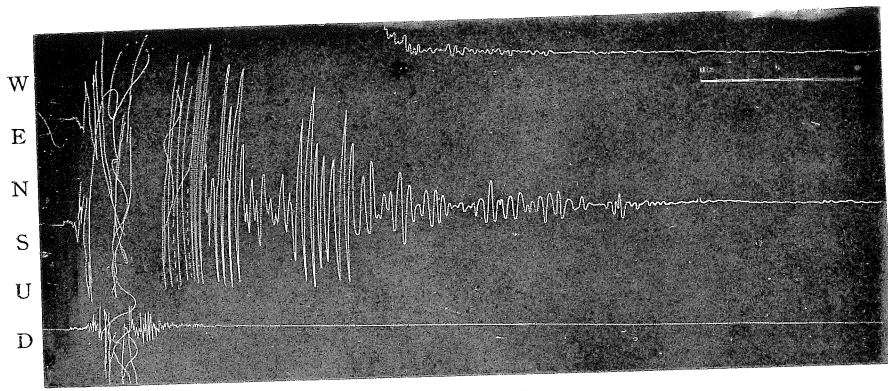
20. Tsu (P)



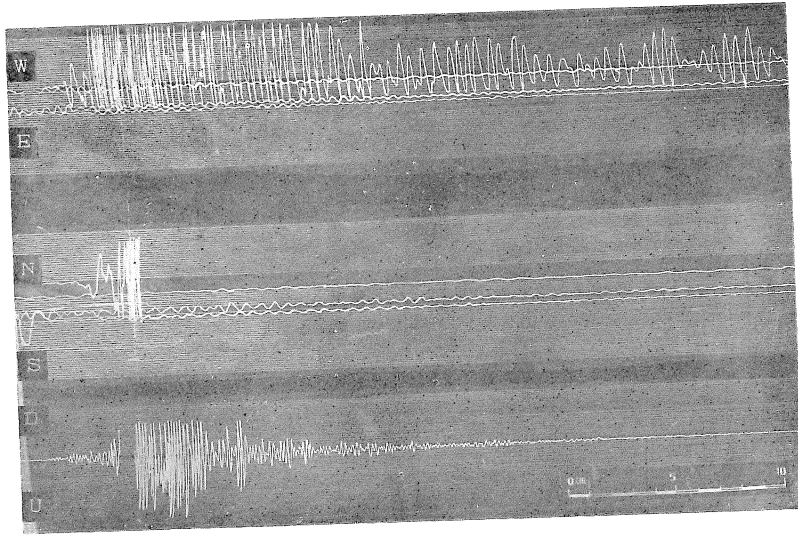
21. Matsumoto (P)



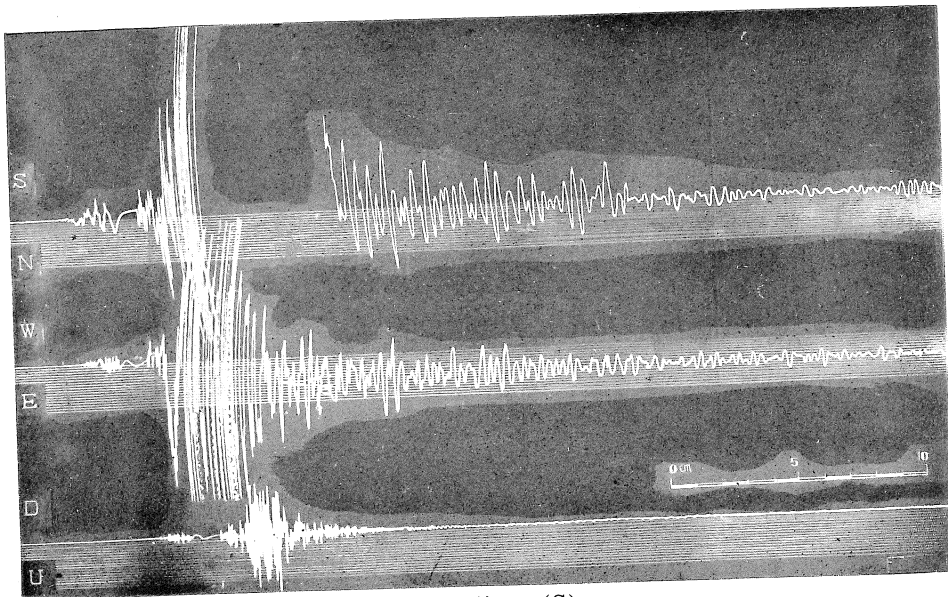
22. Matsumoto (P)



23. Gifu (S)



24. Kameyama (S)



25. Wajima (S)



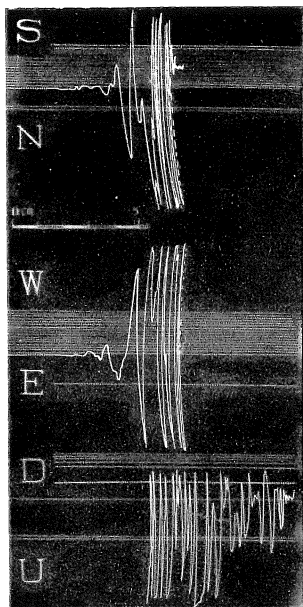
26. Hama...



26. Hamamatsu (P)



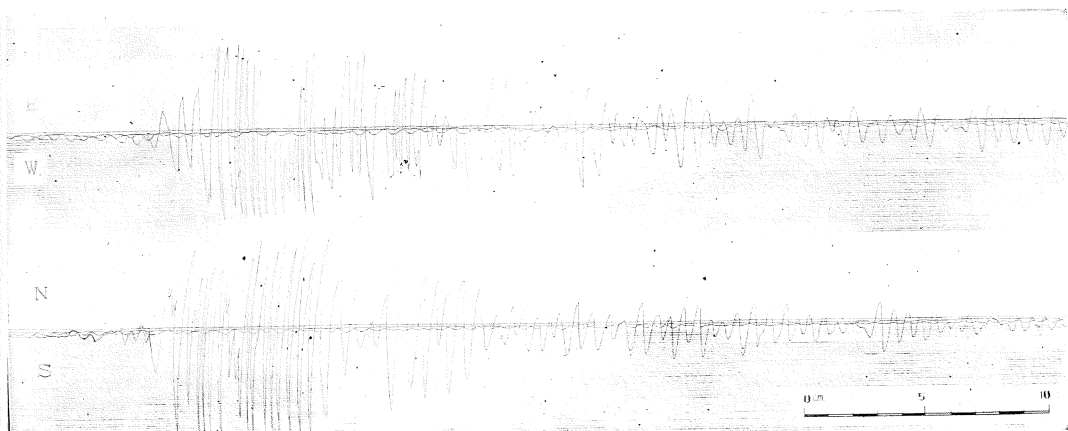
27. Hamamatsu (WH)



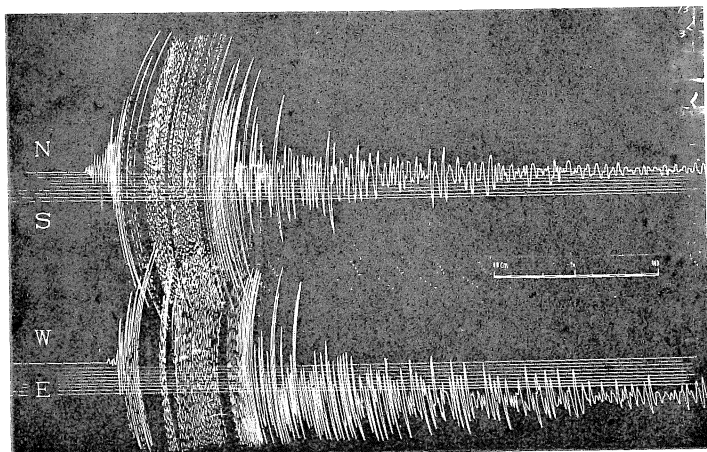
28. Omaesaki (S)



39. Mishima (WH)



30. Mishima (S)



31. Chichibu (P)