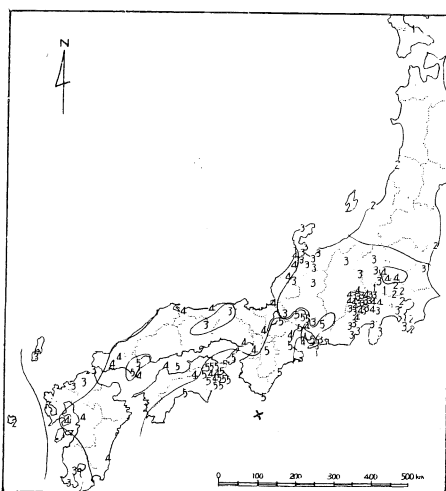


35. The Nankaido Earthquake, 1946

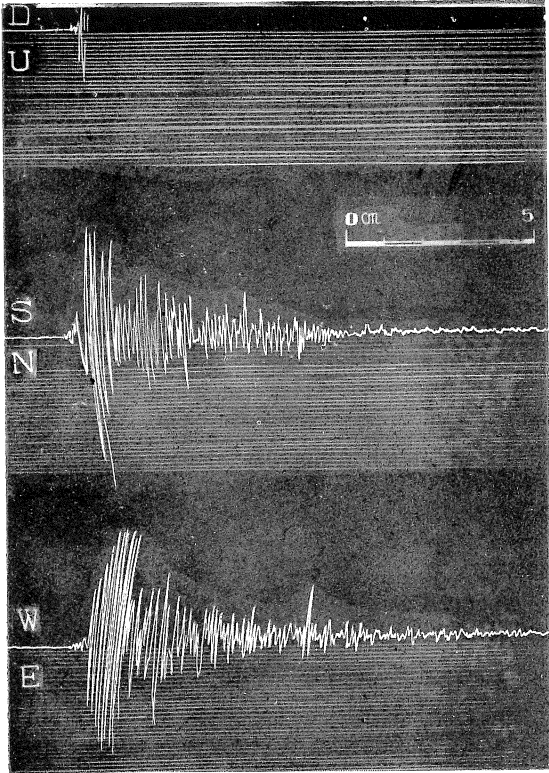


(December 21th, 04:19. 33°00'N, 135°36'E,
r=750Km, M=8.1)

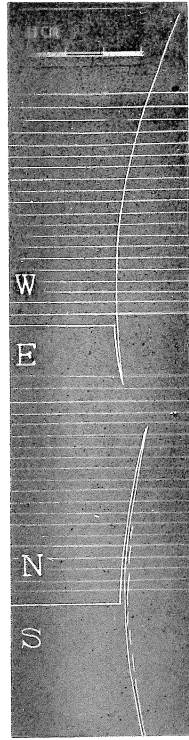
It caused severe damage in vast area, especially in Kōchi, Wakayama, Tokushima Prefs. and moderate damage in Kagawa, Hyōgo, Ehime, Osaka, Mie and Okayama Prefs. and part of Kyūshū, Shikoku, Chūgoku, Kinki, Chūbu Provs. Damage: 1,362 dead, 2,632 injured, 102 missing, 11,506 completely destroyed, 21,972 half destroyed houses. 2,109 houses washed away, 33,093 submerged houses, 2,602 burnt, 2,991 washed away or damaged ships, 160 damaged bridges, 294 broken embankments, 1,329 broken roads, etc. Great tsunami causing big damage occurred after the shock along the coast of Wakayama, Tokushima, Kōchi and Mie Prefectures.

Seismographs

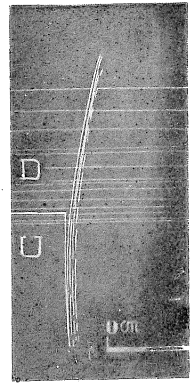
No Fig.	Station.	Int.	Inst.	Comp.	V	T	r	v	ps	No m. f.
1	Owashi	V	S	N	2	2.7	0.03	4	19.5	31
				E		3.0		2		
				V		2.7		3		
2, 3	"		W	N	100	4.6	0.04	4	28.8	166
				E	85	4.2	0.03	4	29.0	165
				V	78	4.3	0.05	5	32.0	196
4, 5	Sumoto	V	W	N	112	3.8	0.018	6.1	33.0	191
				E	113	3.6	0.020	6.0	24.4	221
6	Kyōto		W	H				24.4		220*
				V				33.0		
7	Tottori	IV	P	N	45	4.0	0.017	1.83	—	289
				E	49	3.8	0.037	1.36		
8, 9	Hikone	V	W	N	100	5.0	0.039	2.6	25.5	206
				E	83	5.0	0.012	4.3		
				V	44	3.5	0.028	7.2		
10, 11	Gifu	V	W	H				28.0	354	
12	Nagoya	IV	S	V				25.0	533	
13, 14	"		W	H				31.0	349	
				V				29.5		
15, 16	Kōbe	IV	W	N	100	6.0	0.02	5.5	23.0	181
				E	100	6.2	0.02	5.5		
				V	90	5.5	0.01	5.0		
17	"		S	H	2	3.5	0.001	2	25.5	65
18	Osaka	IV	W	V		3.0		—	342	
19, 20	Nara (Yagi)	V	P					25.0	79	
21	Kumagaya	IV	S					—	534	
22	Tsuruga	IV	P					25.5	304	
23	"		S					—	303	
24	Tokushima	V	S	N	2	4.6	0.02	3	—	536
				E		4.4	0.04			
				V		2.8	0.02			
25	"		P					24.8	535	
26	Kōchi	V	S	N	2	6.8	0.02	3.0	—	340
				E		6.5				
				V		—				
27	"		W	N	71	4.5	0.013	3.8	27.5	340
				E	64	4.9	0.010	4.9		
				V	54	3.6	0.020	6.2		
28	Kameyama	IV	S					—	485	
29	"		W	H				28.5	410	
30, 31	Miyazaki	IV	S					26.0	255	
32	"		W	V				26.5	235	
33, 34	Kumamoto	IV	W	N	80	4.4	0.01	4.7	26.5	202
				E	77	3.6		4.8		
				V	73	4.0		4.9		
35	"		S					—	338	
36	Unzen	IV	T	E				26.0	268	
37	Sumoto		S					—	—	



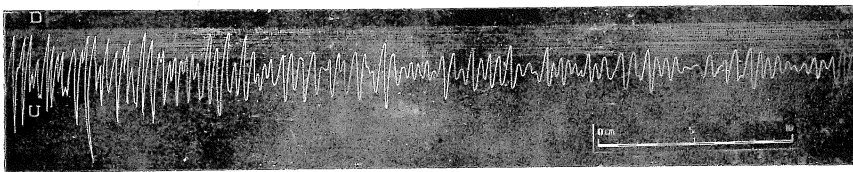
1. Owashi (S)



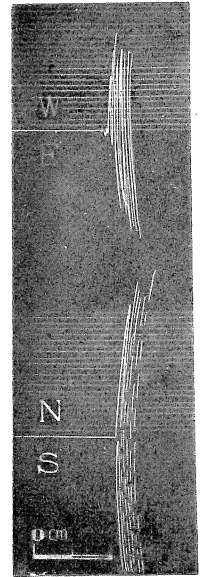
2. Owashi (WH)



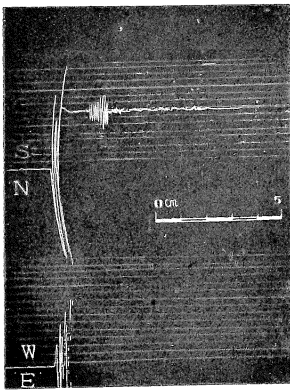
3. Owashi (WV)



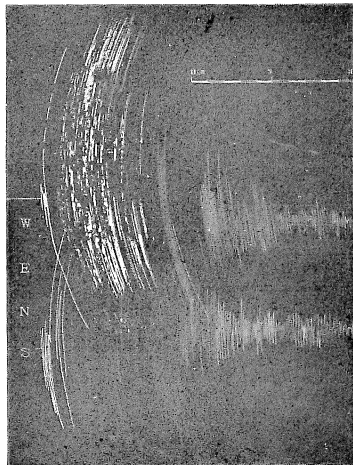
4. Sumoto (WV) (Tail part)



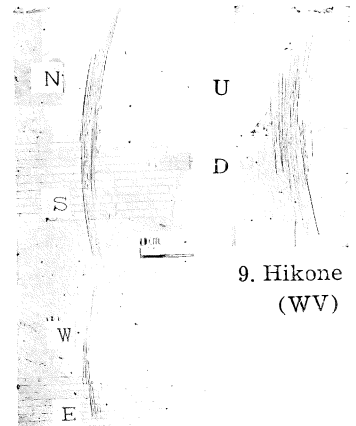
5. Sumoto (WH)



6. Kyōto (WH)

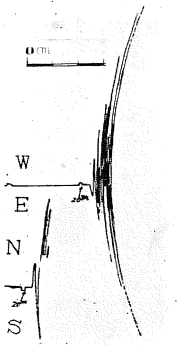


7. Tottori (P)

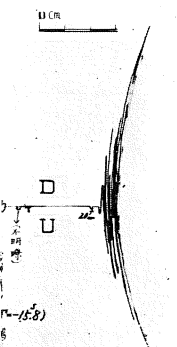


8. Hikone (WH)

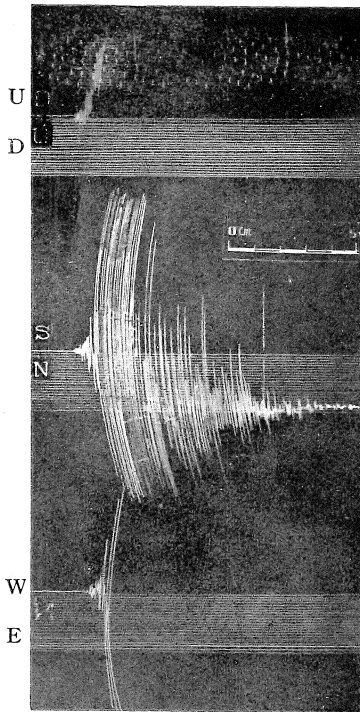
9. Hikone (WV)



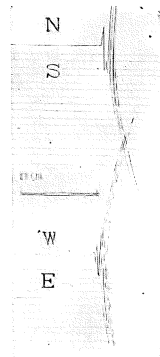
10. Gifu (WH)



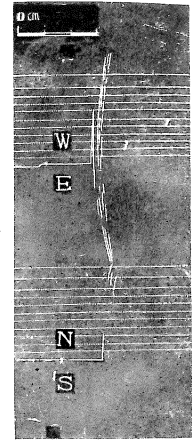
11. Gifu (WV)



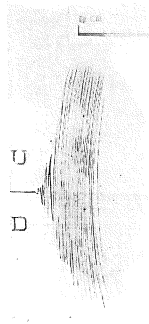
12. Nagoya (S)



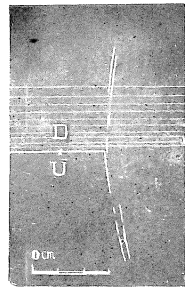
13. Nagoya (WH)



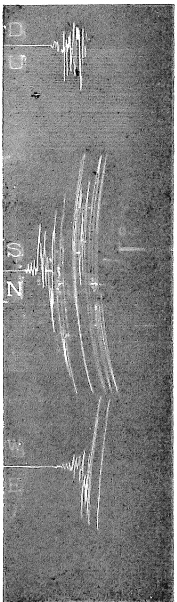
15. Kōbe (WH)



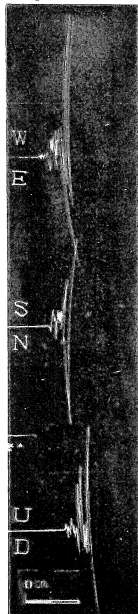
14. Nagoya (WV)



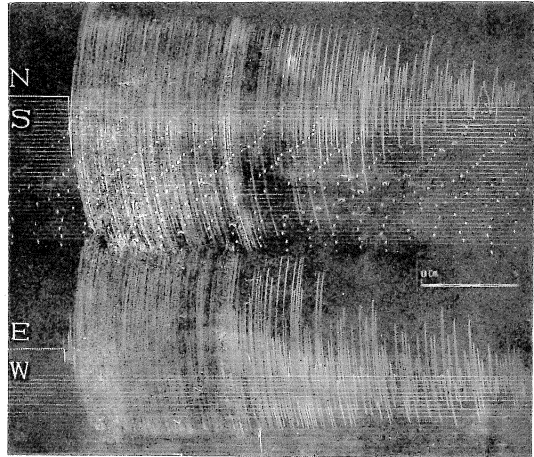
16. Kōbe (WV)



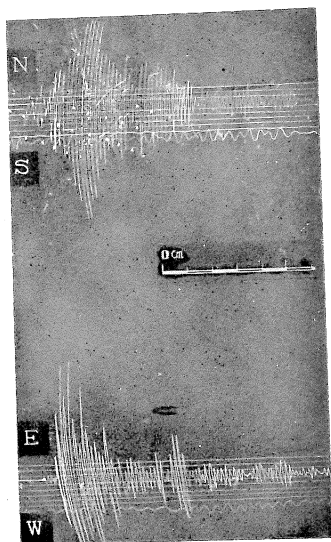
17. Kōbe (S)



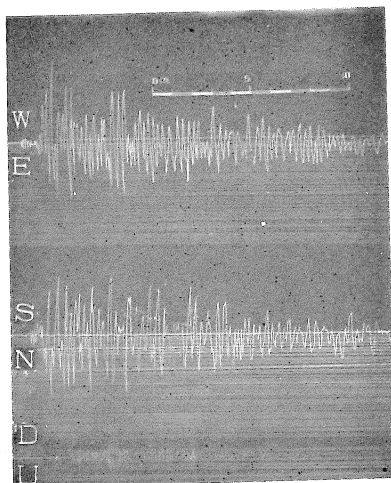
18. Osaka (W)



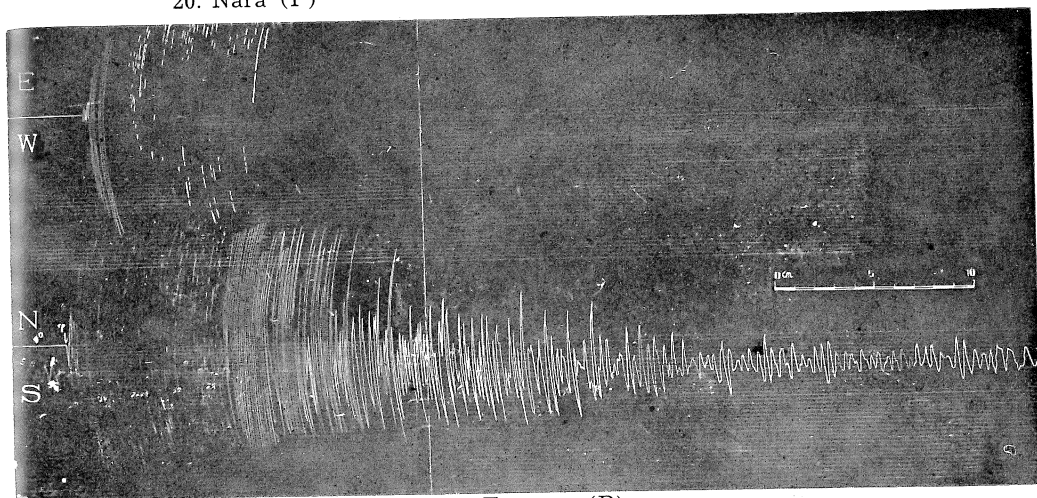
19. Yagi (P)



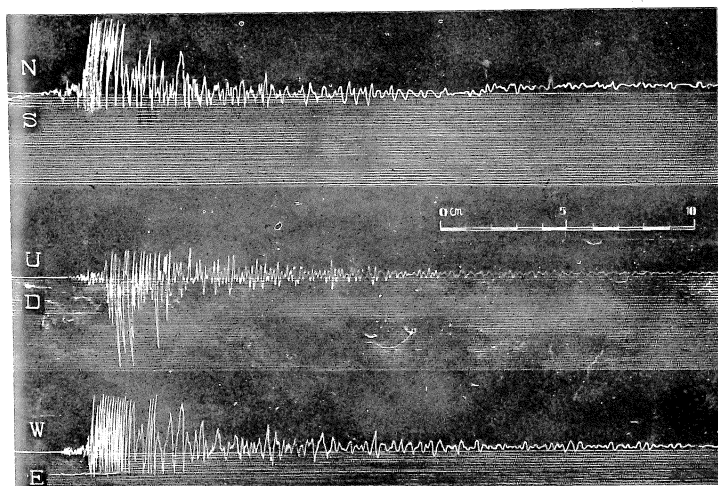
20. Nara (P)



21. Kumagaya (S)



22. Tsuruga (P)



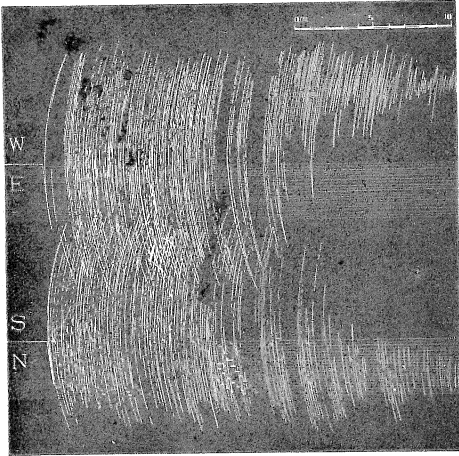
23. Tsuruga (S)



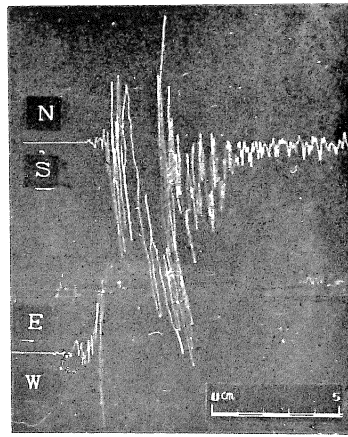
24. Tokushima (S)

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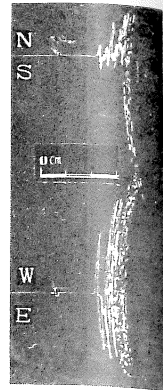
No
n. f.
184
267
399
311



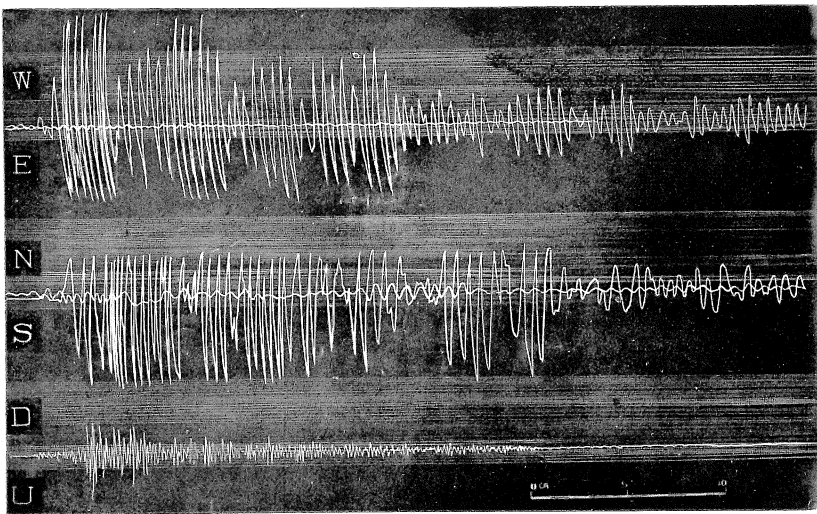
25. Tokushima (P)



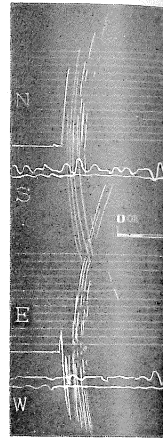
26. Kōchi (S)



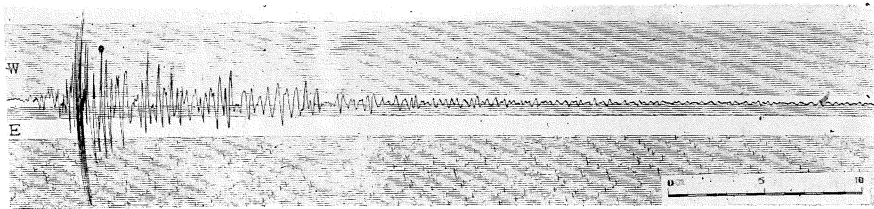
27. Kōchi (WH)



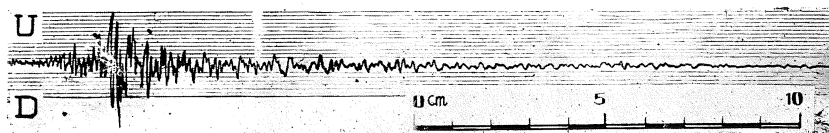
28. Kameyama (S)



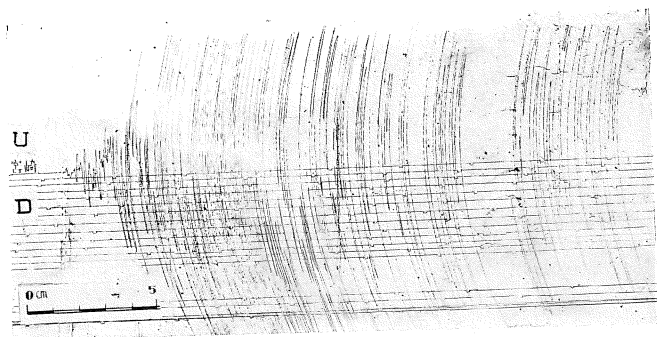
29. Kameyama (WH)



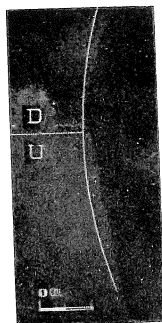
30. Miyazaki (SE)



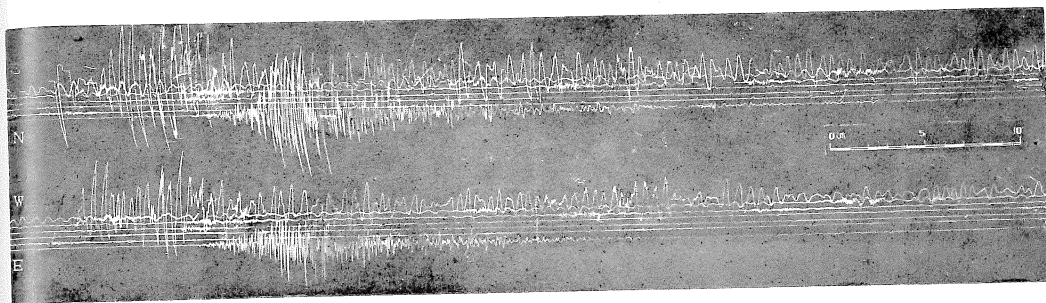
31. Miyazaki (SV)



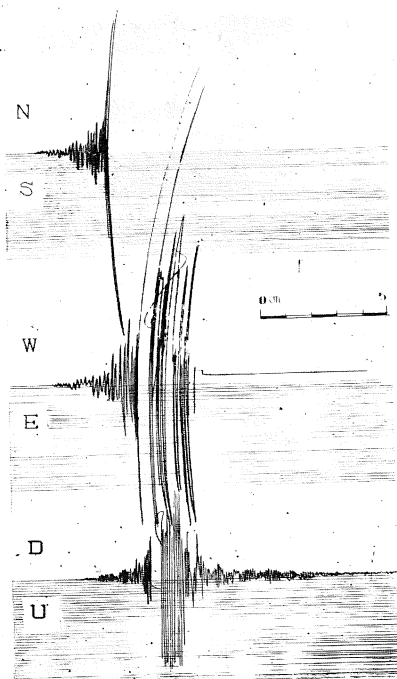
32. Miyazaki (WV)



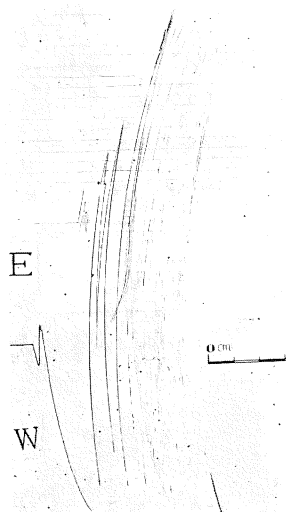
33. Kumamoto (WV)



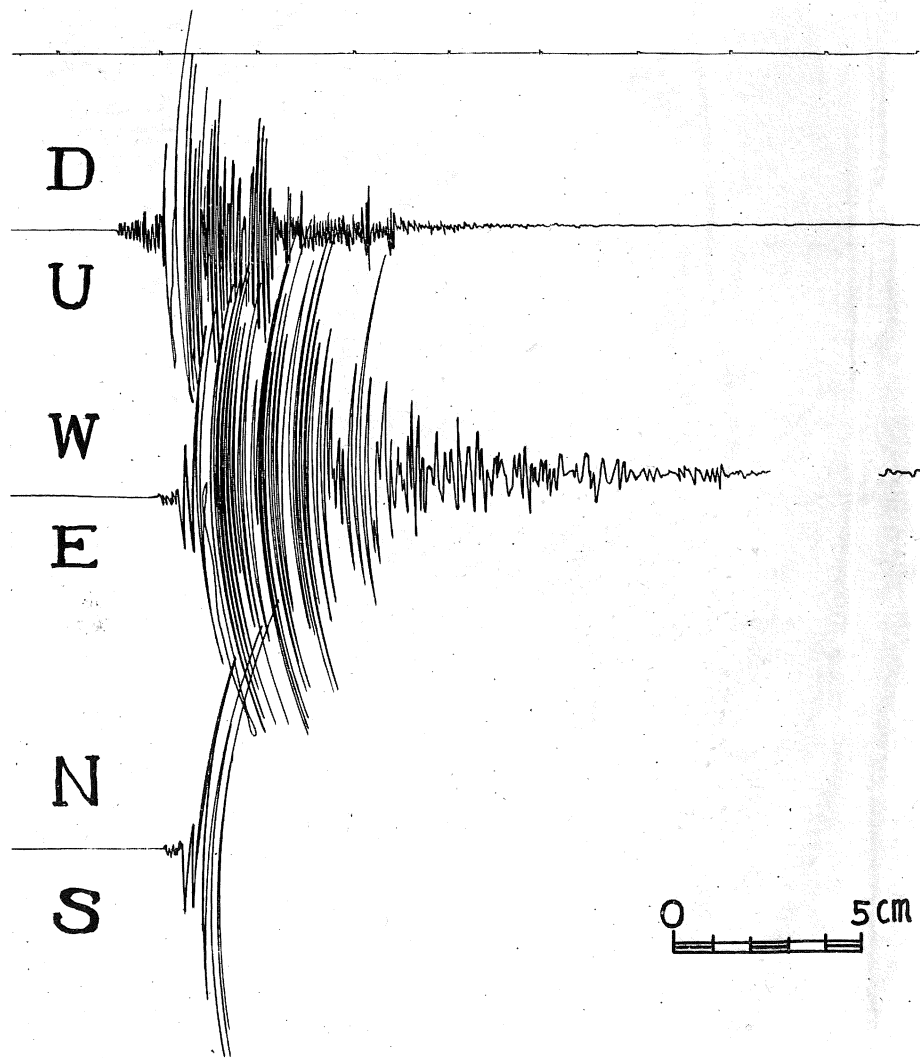
34. Kumamoto (WH) (Tail)



35. Kumamoto (S)



36. Unzen (T)



37. Sumoto (S)