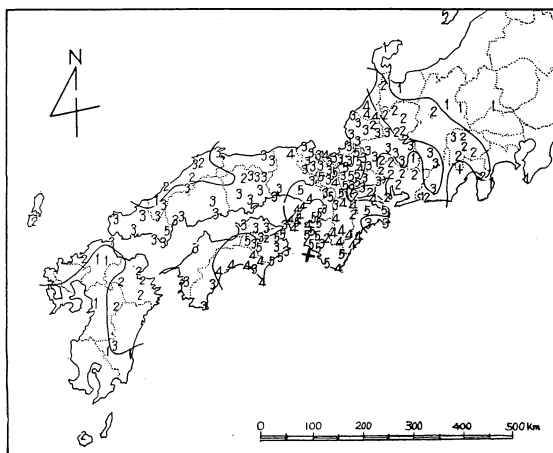


19. The Off Tanabe Bay Earthquake, 1938

(January 12th, 00:12. 33°42'N, 135°12'E
r=406 km, M=7.2)

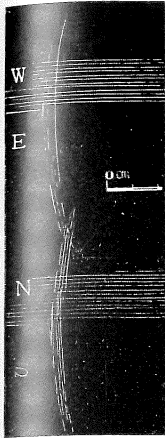


Though of large magnitude, it affected slight damage on land. Thrown down of roof slate, destroyed mud wall, little damage to houses, falling stone, throwing down of stonelantern, cracks on road and reclaimed land were seen in some places of Hidaka and Nishimuro Dists. of Wakayama Pref. A forest fire owing to a destroyed clearcoal kiln was reported.

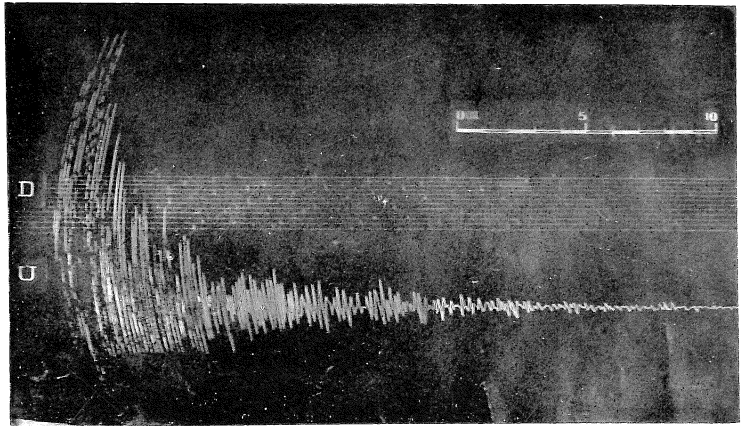
Seismographs

No Fig.	Station	Int.	Inst.	Ccmp.	V	T	r	v	ps	No m. f.
1, 2	Sumoto	IV	W	N	108	4.4	0.0097	∞	31.5	188
				E	105	4.4	0.0179		30.5	189
				V	73	3.7	0.0251			
3	"		S	H, V	2	4.4	—	—	25.5	72
4	"		P	H	50	—	—	—	—	68
5, 6, 7	Muroto	IV	W	N	92	6.0	0.026	4.3	32.4	135
				E	91	6.0	0.028	4.4	134	
				V	70	5.0	0.033	4.3	29.5	
8	"		P	H	2	8.0	0.01	>10	24.5	265
9	Tokushima	V	S	H	2	4.0	0.04	3	—	11
	"			V	2	3.6				
10	"		P	N	50	5.6	0.03	8	24.5	12
	"			E		4.8	0.02			
11, 14	Kōbe	IV	O	N	20	20.0	0.001	—	26.0	58
	"			E		19.5			25.5	59
12, 13	"		W	H	100	6.0	0.005	6	25.6	184
	"			V	80	5.0	0.002	5	23.1	184
15	Kyōto	IV	S						24.5	100
16	"		P						24.5	101
17	"		W	H				—	29.2	230*
	"			V					28.5	229
18, 19	Hikone	IV	W	N	72		0.043	8.8	28.8	208
	"			E	69	5.0	0.074	8.4	36.5	
	"			V	46		0.034	5.2	24.3	284
20	"		S						24.5	288
21	"		P	H	50					
22, 23	Toyooka	IV	W	N	99	6.7	0.075	3.4	31.2	433
	"			E	87	6.2	0.048	1.8	21.1	
	"			V	57	3.3	0.057	0.6	23.2	86
24	Nara (Yagi)	IV	P	N	30	4.0	0.019	—	31.9	438
	"			E	66	5.2	0.004	6.9	27.0	439
25	Kōchi	IV	W	N	73	4.3	//	6.4	22.5	436
	"			V	66	4.0	0.019	4.4	24.5	434
26, 28	"		O	E	20	22.5	0.004	3.2		
	"			N		22.0	0.003	4.0		
27	"		S	H, V	2				34.5	438

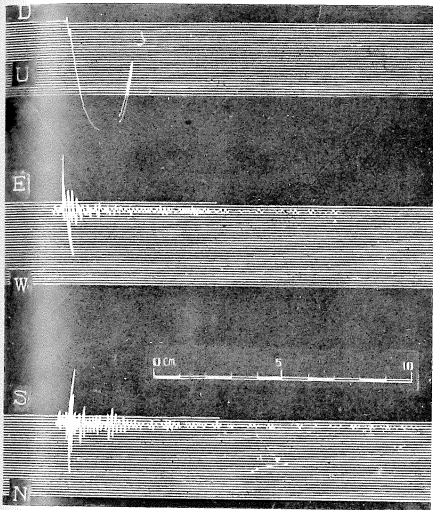
m: Shionomisaki, d: Wakayama



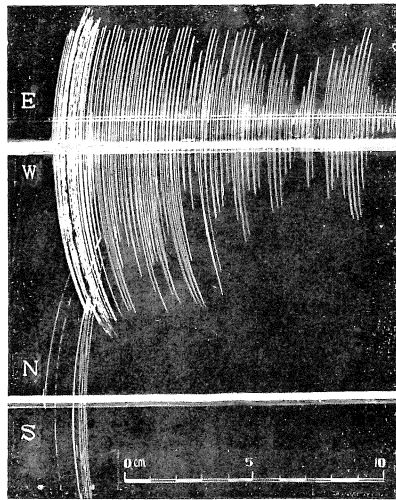
1. Sumoto (WH)



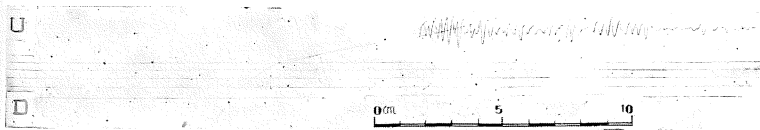
2. Sumoto (WV)



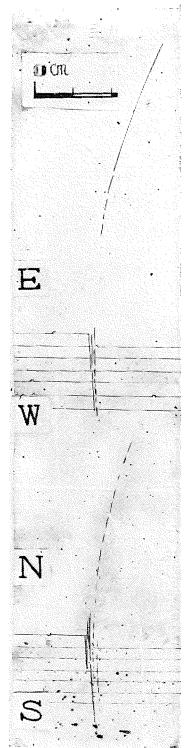
3. Sumoto (S)



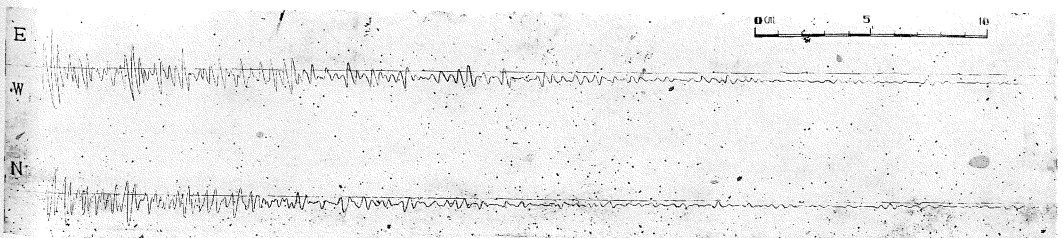
4. Sumoto (P)



5. Muroto (WV)



6. Muroto (WH)



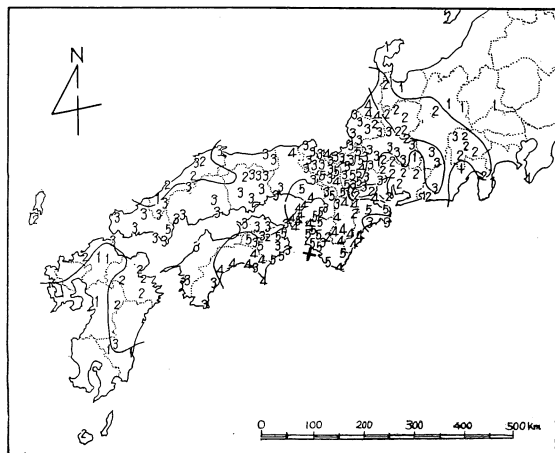
7. Muroto (continuation of 6)

[, 135°12'E,
e, it affec
rown down
wall, little
ne, throw-
ks on road
n in some
uro Dists.
fire owing
was re-

No	m. f.
188	
189	
72	
68	
135	
134	
265	
11	
12	
58	
59	
184	
100	
101	
230*	
229	
208	
284	
288	
433	
86	
438	
439	
436	
434	
438	

19. The Off Tanabe Bay Earthquake, 1938

(January 12th, 00:12. 33°42'N, 135°12'E
r=406 km, M=7.2)

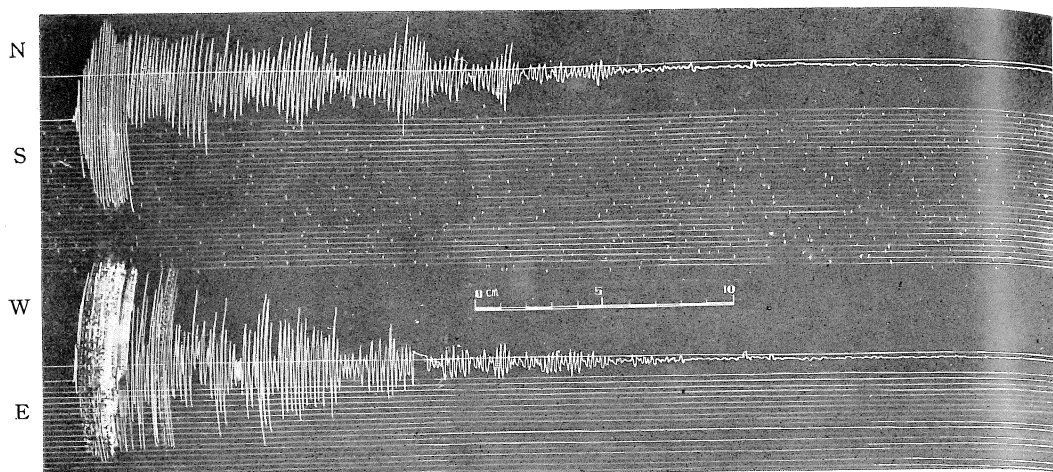


Though of large magnitude, it affected slight damage on land. Thrown down of roof slate, destroyed mud wall, little damage to houses, falling stone, throwing down of stonelantern, cracks on road and reclaimed land were seen in some places of Hidaka and Nishimuro Districts of Wakayama Pref. A forest fire owing to a destroyed clearcoal kiln was reported.

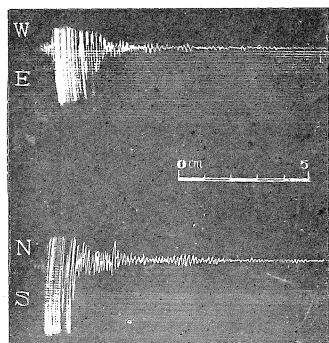
Seismographs

No Fig.	Station	Int.	Inst.	Ccmp.	V	T	r	v	ps	No m. f.		
1, 2	Sumoto	IV	W	N	108	4.4	0.0097	∞	31.5	188		
				E	105	4.4	0.0179					
				V	73	3.7	0.0251					
3	"		S	H, V	2	4.4	—	—	25.5	72		
4	"		P	H	50	—	—	—	—	68		
5, 6, 7	Muroto	IV	W	N	92	6.0	0.026	4.3	32.4	135		
				E	91	6.0	0.028	4.4	134			
				V	70	5.0	0.033	4.3	29.5			
8	"		P	H	2	8.0	0.01	>10	24.5	265		
9	Tokushima	V	S	H	2	4.0	0.04	3	—	11		
				V	2	3.6						
10	"		P	N	50	5.6	0.03	8	24.5	12		
				E		4.8						
11, 14	Kobe	IV	O	N	20	20.0	0.001	—	26.0	58		
				E		19.5			25.5	59		
12, 13	"		W	H	100	6.0	0.005	6	25.6	184		
				V		80			5.0	0.002	5	23.1
15	Kyōto	IV	S						24.5	100		
16	"		P						24.5	101		
17	"		W	H	72		0.043	—	29.2	230*		
				V					28.5	229		
18, 19	Hikone	IV	W	N	69	5.0	0.074	8.8	28.8	208		
				E	69						0.043	8.4
				V	46						0.034	5.2
20	"		S						24.3	284		
21	"		P	H	50				24.5	288		
22, 23	Toyooka	IV	W	N	99	6.7	0.075	3.4	31.2	433		
				E	87	6.2	0.048	1.8				
				V	57	3.3	0.057	0.6				
24	Nara (Yagi)	IV	P	N	30	4.0	0.019	—	23.2	86		
				E							66	5.2
25	Kōchi	IV	W	N	73	4.3	"	"	31.9	438		
				E	66	4.0					0.019	4.4
				V	66	4.0					0.019	4.4
26, 28	"		O	E	20	22.5	0.004	3.2	22.5	436		
				N		22.0			0.003	4.0	24.5	434
27	"		S	H, V	2				34.5	438		

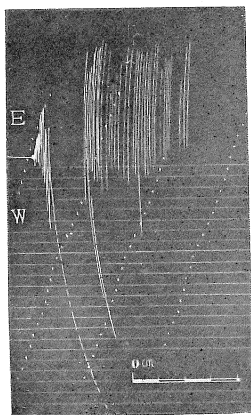
m: Shionomisaki, d: Wakayama



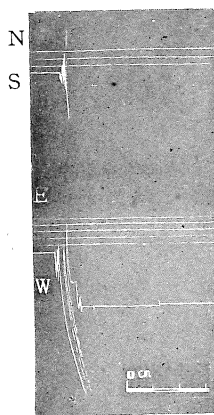
8. Muroto (P)



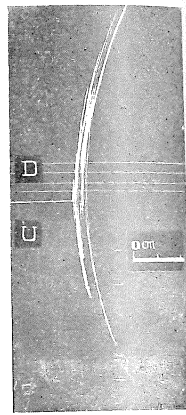
9. Tokushima (S)



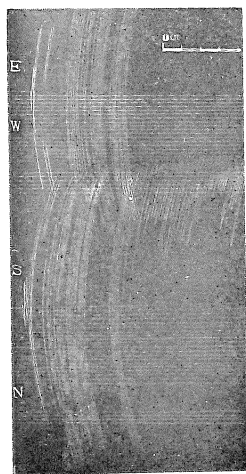
11. Kōbe (OE)



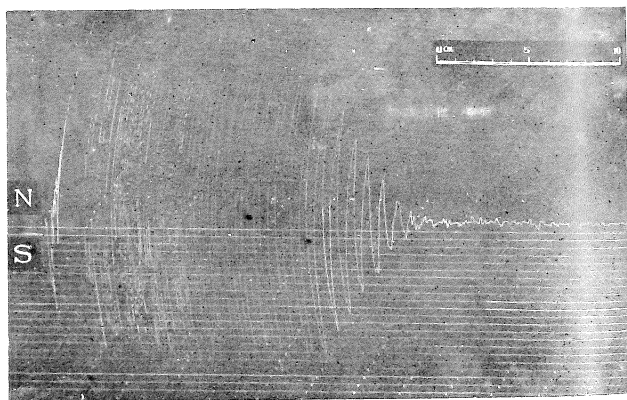
12. Kōbe (WH)



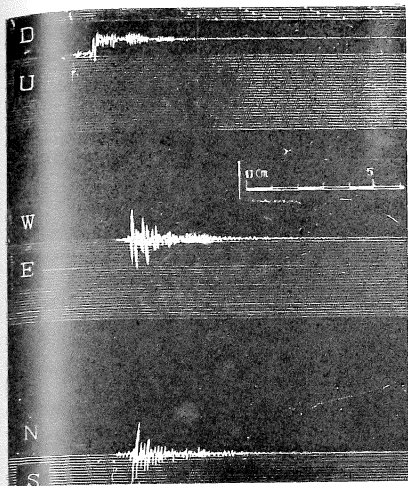
13. Kōbe (WV)



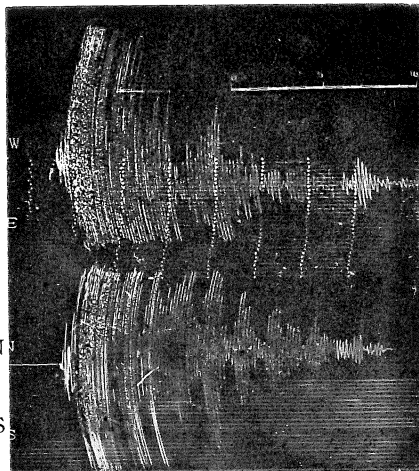
10. Tokushima (P)



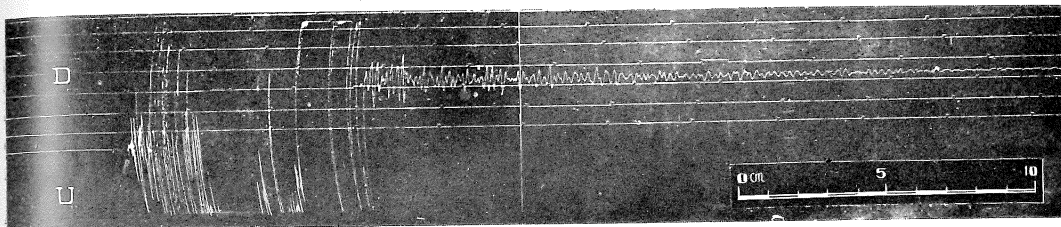
14. Kōbe (ON)



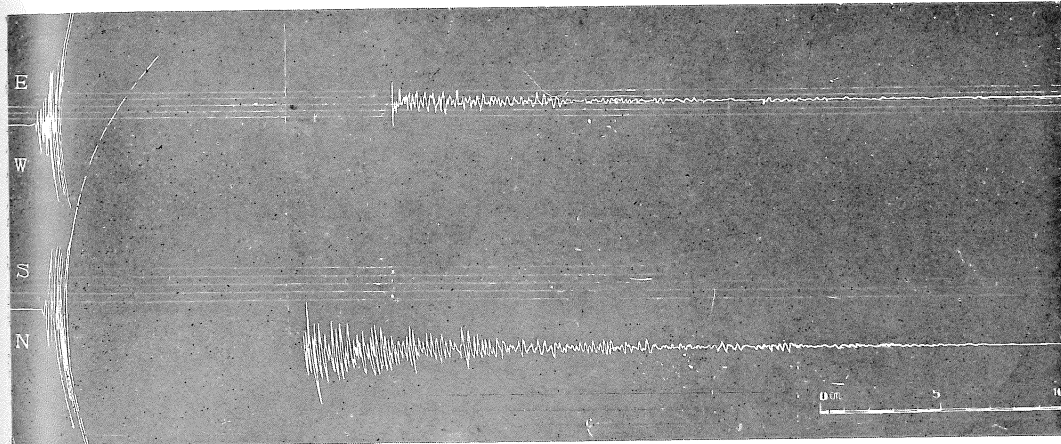
15. Kyōto (S)



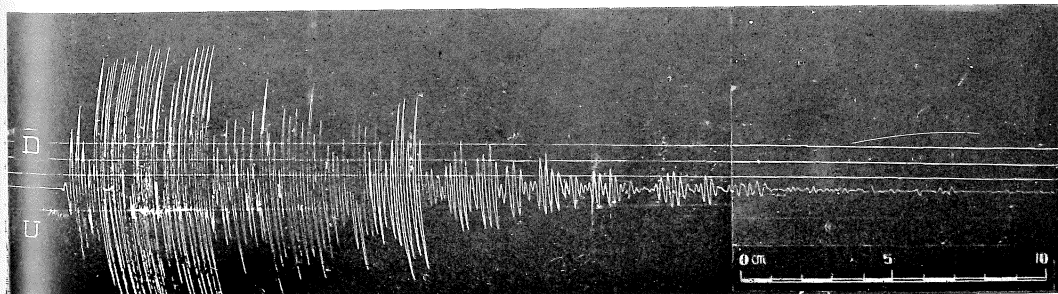
16. Kyōto (P)



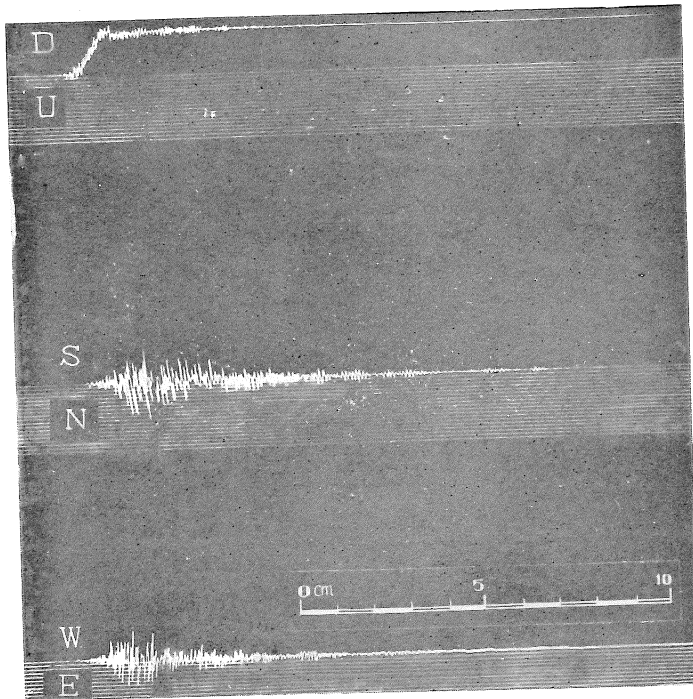
17. Kyōto (WV)



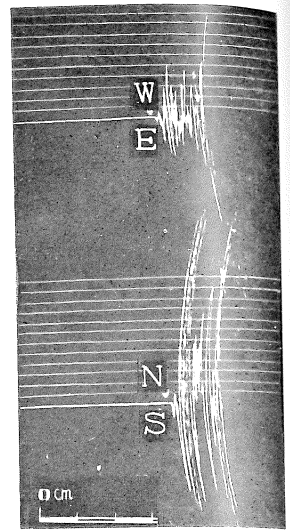
18. Hikone (WH)



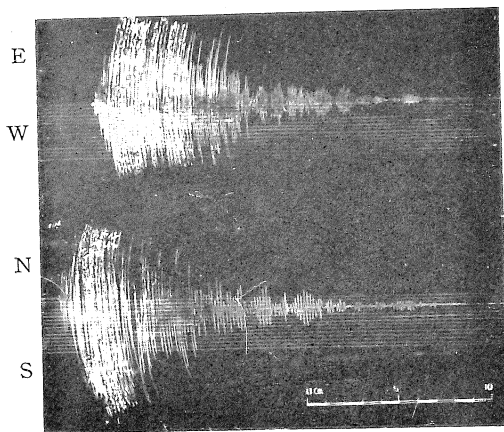
19. Hikone (WV)



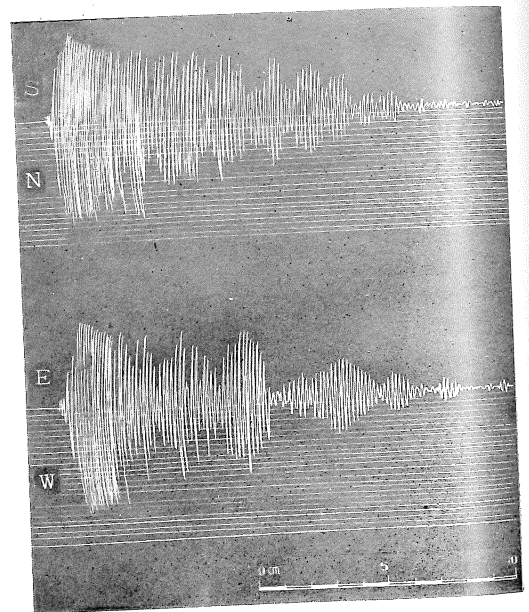
20. Hikone (S)



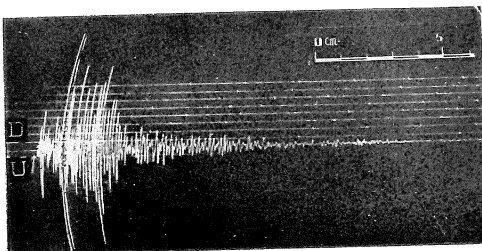
22. Toyooka (WH)



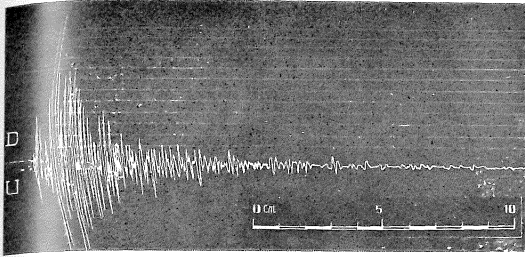
21. Hikone (P)



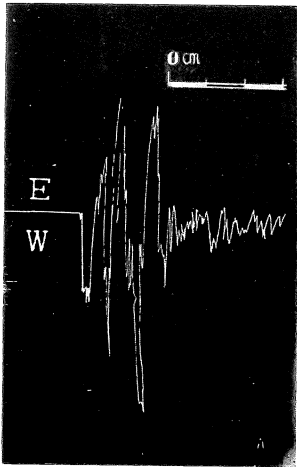
24. Yagi (P)



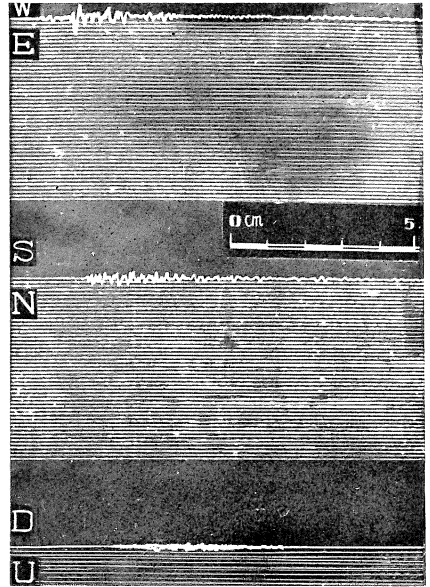
23. Toyooka (WV)



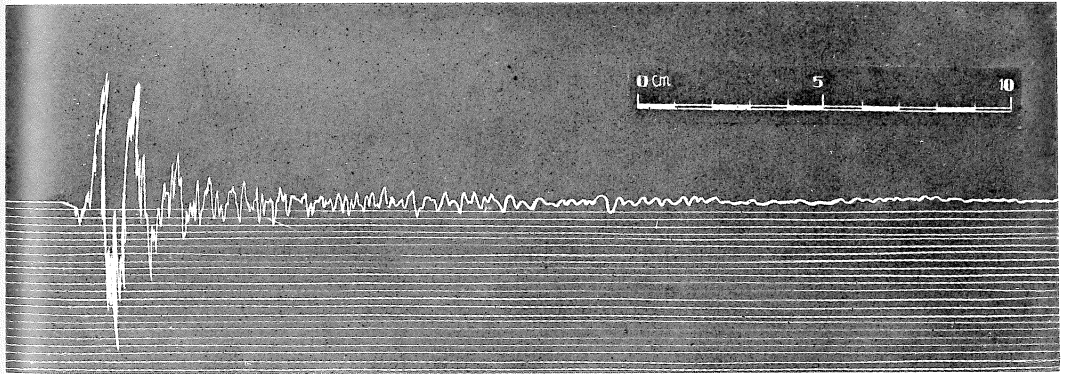
25. Kōchi (WV)



26. Kōchi (OE)



27. Kōchi (S)



28. Kōchi (ON)