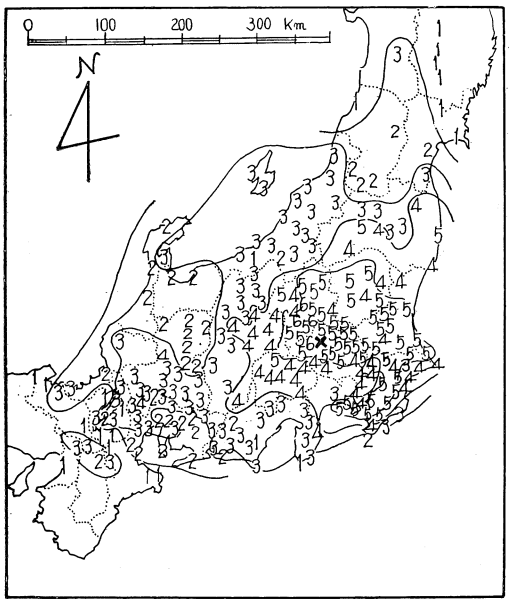
8. The West Saitama Earthquake, 1931



(September 21st, 11:20. 36°00′N, 139°18′E, r=343 km, M=6.6)

A mountain site determined as the epicenter experienced comparatively small intensity making a striking contrast to the severe intensities felt on the distant aluvium area along the Arakawa and Tone Rivers where many towns were suffered by heavy casualties and damage in consequence of throwing down of houses.

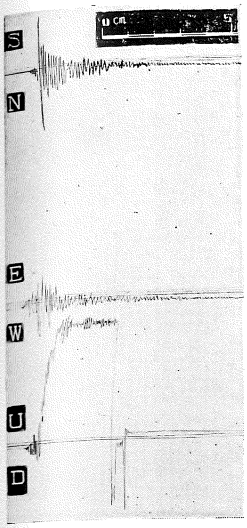
Damage

Pref.	dead	injured	damaged houses		chimney	damages estimation (10, 000Yen)
			completely	partly	dreaking	
Saitama	11	114	172	380	84	100
Ibaraki	—	1	33	4	48	
Gumma	5	30	1	1	1	
Tokyo	—	1	—	—	—	
total	16	146	206	285	133	

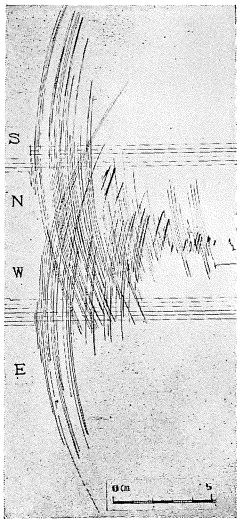
Seismographs

No Fig.	Station	Int.	Inst.	Comp.	V	T	r	v	ps	No. m.f.
1	Kakioka	V	S	N	2	4	0.02	2	—	377
				E			0.02			
				V			0.01			
2	Matsumoto	IV	P	N	—	4	0.003	15	15.5	319
				E		2.5		14		
3	Shizuoka (Itō)	IV	P(C)	2	50	3 ca	—		19.0	24
4	Mito	V	S(I)	—	2	—		—	—	517
5	〃		M	—	5	—			—	518
6	Kumagaya	V	S(C)	H	2	3 ca			26.5	514
				V	3					
7	Karuizawa (Oiwake)	IV	T	E	100	12.0	0.043		24.6	510
				N			0.045		24.5	511
8	Maebashi	V	P(O)	E	100	4.2	—	—	13.5	512
				N		4.1				
9	〃		M	H	5	3.1	—	—	33 cm	513
				V	10	2.5				

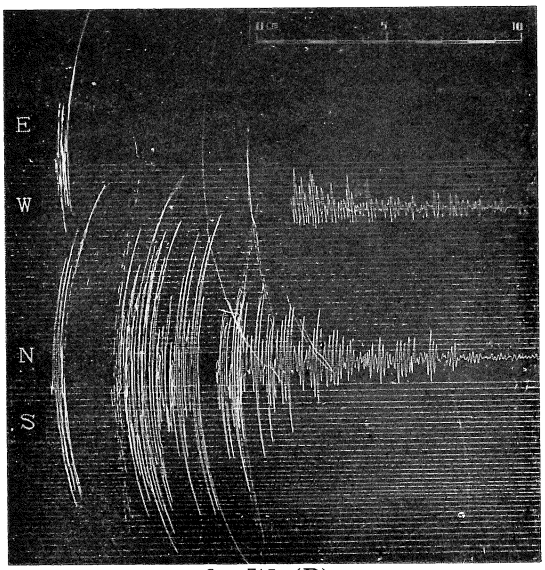
m : Utsunomiya, Chōshi. d ; Kōfu



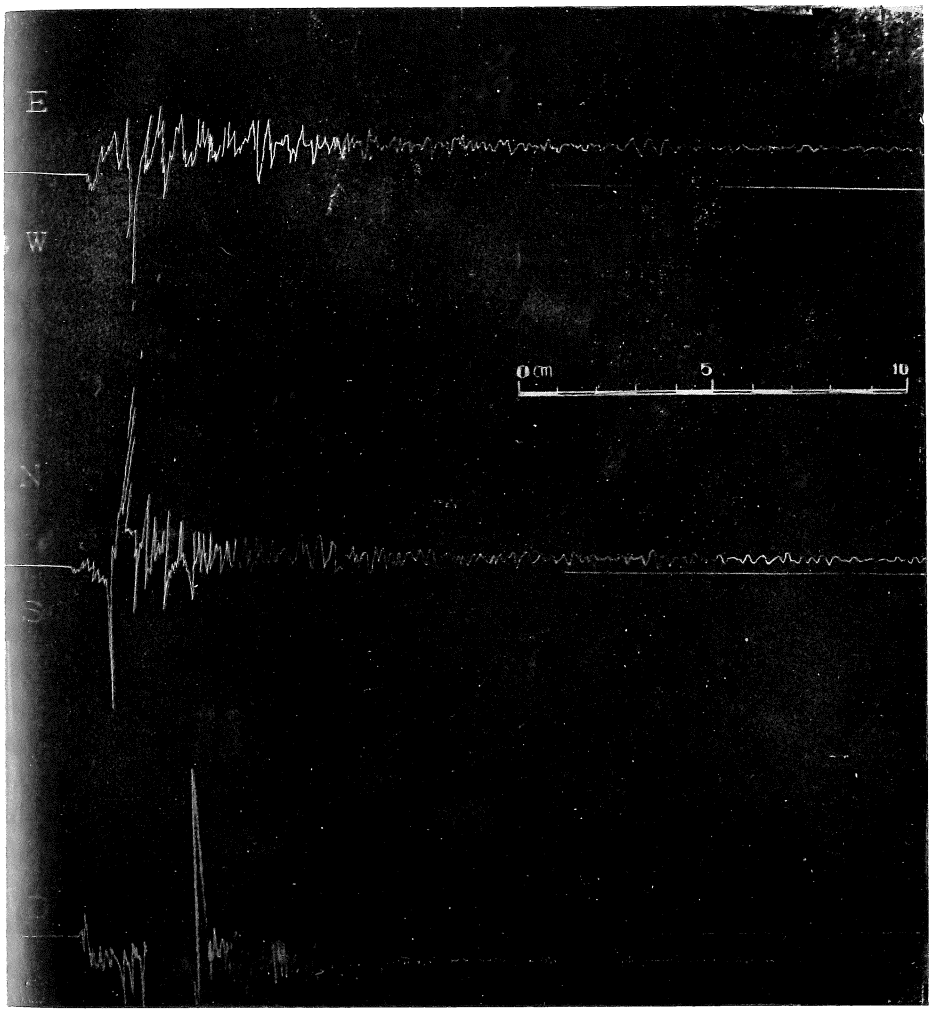
1. Kakioka (S)



2. Matsumoto (P)

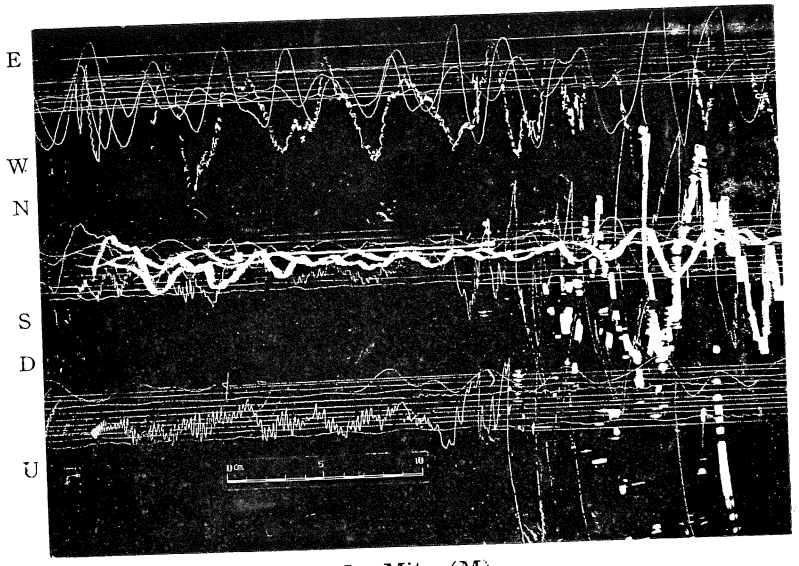


3. Itō (P)

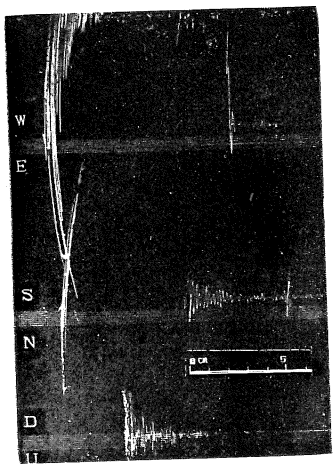


4. Mito (S)

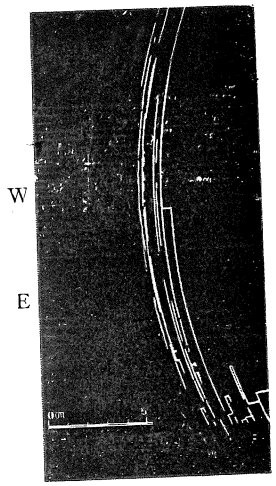
8. West Saitama, 1931



5. Mito (M)

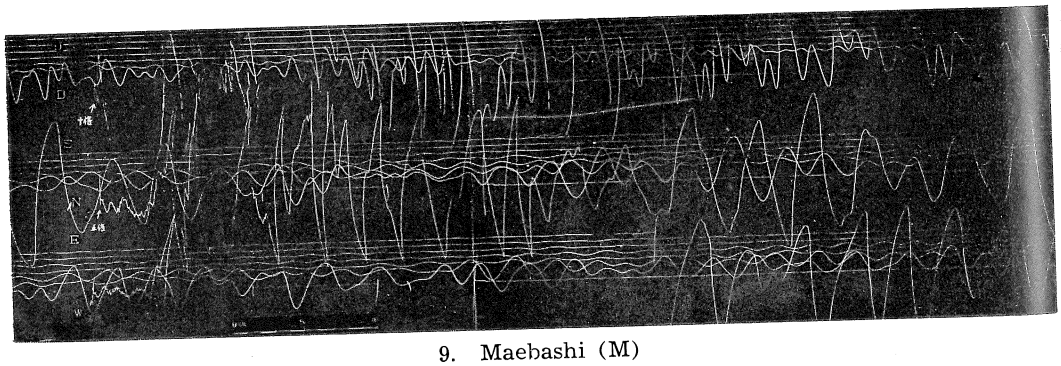


6. Kumagaya (S)



7. Karuizawa (T)

8. Maebashi (P)



9. Maebashi (M)