

OSAKA JAPAN

SEISMOLOGICAL BULLETIN of the Osaka Meteorological Observatory



Date	Phase	G.M.T.			Period s	Amplitude			Δ k.m.	Remarks
		h.	m.	s.		A _E μ	A _N μ	A _Z μ		
Oct. 31	P	19	53	58.9	2.4 2.0	15	+19	-8	138	
	S	54	17.4							
	ME	54	30.1							
	MN	54	28.4							
	MZ	54	38.9							
	i	56	40.0							
Nov. 1	F	20	00	20.0	5.5 5.4	+30	-38	3423		
	P	16	30	21.0						
	i	32	00.2							
	i	33	12.1							
	S	35	33.2							
	i	36	32.7							
	i	37	51.1							
	i	39	23.5							
ME	41	50.0								
Nov. 9	MN	41	52.3	2.2 2.2 1.9	±6	±8	-3	684		
	F	56	50.0							
	P	4	01							00.3
	S	02	32.4							
	ME	03	12.0							
	MN	03	14.3							
" 14	MZ	03	00.5	4.0 5.0	+5	+6	1463			
	F	08	30.0							
	P	20	04						27.8	
	i	05	42.3							
	S	07	01.1							
	ME	07	30.0							
" 15	MN	07	31.5	2.2 2.2	-10	-13	-4	439		
	F	18	10.0							
	P	9	59							01.6
	S	59	59.4							
	ME	10	00							26.4
	MN	00	23.6							
" 18	MZ	00	20.0	2.5 2.5 2.1	.5	.6	+2	389		
	F	04	50.0							
	P	5	45							49.0
	S	46	41.4							
	ME	47	40.9							
	MN	47	24.0							
" 18	MZ	47	23.6	2.3 2.3 1.6 2.3 3.4	-69	-75	+30	309		
	F	50	30.0							
	P	23	39							56.7
	i	40	22.6							
	S	40	33.4							
	ME	41	22.2							
	MN	40	56.7							
	MZ	41	00.6							
" 19	i	41	50.7	1.0 1.1	-3	+4	185			
	i	42	58.2							
	F	49	00.0							
	P	10	38						39.5	
	S	39	04.4							
	ME	39	06.5							
" 19	MN	39	31.5	2.0						
	F	41	20.0							

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From 15. November to 30. November 1935



Date	Phase	G.M.T.			Period s	Amplitude			Δ k.m.	Remarks
		h.	m.	s.		A _E μ	A _N μ	A _Z μ		
Nov. 19	P	17	45	12.8					215	
	S		45	41.8						
	ME		46	01.8	1.5	-26				
	MN		45	59.4	1.5		+28			
	MZ		46	08.9	2.1			-14		
	F		51	00.0						
" 20	P	21	51	21.1					609	
	S		52	48.1						
	ME		53	11.8	2.8	+8				
	MN		53	10.5	2.6		+9			
	MZ		53	06.3	2.1			-5		
	F		56	00.0						
" 21	P	20	01	47.9					369	
	S		02	37.5						
	ME		03	09.6	3.8	+23				
	MN		03	01.4	3.7		+31			
	MZ		03	14.9	1.7			+5		
	F		09	40.0						
" 22	P	11	28	46.8					83	
	S		28	58.0						
	ME		28	58.0	0.3	+11				
	MN		28	58.0	0.3		+8			
	MZ		28	58.6	0.3			+3		
	F		32	00.0						
" 25	P	2	29	19.1					88	Slight
	i		29	21.4						
	S		29	30.4						
	ME		29	31.8	0.8	+94				
	MN		29	43.8	0.8		-55			
	MZ		29	49.4	1.7			+34		
	F		34	30.0						
" 25	P	4	19	58.1					501	
	S		21	05.6						
	ME		21	51.9	3.6	-39				
	MN		21	50.4	3.0		-33			
	MZ		21	45.9	1.9			+14		
	F		27	10.0						
" 25	P	10	10	12.7					10638	
	i		11	11.8						
	S		13	46.4						
	i		21	39.0						
	S		28	20.7						
	i		29	21.5						
	F		43	00.0						
" 28	P	3	13	12.7					178	
	S		13	36.6						
	ME		13	59.3	2.1	+7				
	MN		13	57.6	2.6		+9			
	MZ		14	13.7	1.0			+3		
	F		18	00.0						

From 1. December, to 17. December 1933

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SEISMOLOGICAL BULLETIN of the Osaka Meteorological Observatory



International
Seismological
Centre

Date	Phase	G.M.T.			Period s	Amplitude			Δ k.m.	Remarks
		h.	m.	s.		A _E μ	A _N μ	A _Z μ		
Dec. 1	P	23	45	55.5					2123	
	i		46	51.3						
	i		47	51.4						
	S		48	43.8						
	ME		49	29.6						
	MN		51	22.7	5.6	±38				
"	F	00	05	40.0	3.9		-36			
	P	16	46	24.8				493		
	S		47	31.3						
ME		48	32.8	5.0	+28					
MN		48	52.8	5.8		±25				
MZ		48	39.0	2.1			-7			
F		58	40.0							
" 3	P	16	17	56.6				530		
	S		19	07.7						
	ME		19	22.7	2.4	-819				
	MN		19	42.3	2.4		-24			
	MZ		19	49.4	2.1				+8	
	F		23	20.0						
" 7	P	17	06	02.2				70		
	i		06	03.6						
	i		06	09.6						
	S		06	11.6						
	ME		06	29.1	0.5	+25				
	MN		06	22.1	0.5		-28			
	MZ		06	30.5	0.4				+7	
	F		16	30.0						
" 14	P	1	49	29.3				153		
	S		49	49.9						
	iE		50	19.5	2.8	+25				
	iN		50	36.8	3.4		+30			
	i		52	16.1						
	F		55	40.0						
" 14	P	12	50	24.3				1645		
	i		51	09.0						
	iE		51	36.7	3.7	+56				
	iN		51	40.0	2.6		+68			
	iZ		51	37.1	2.1				+31	
	S		53	14.8						
	iE		53	22.4	4.1	-63				
	iN		53	20.6	3.1		+86			
	iZ		54	25.8	2.6				+24	
	F	13	02	10.0						
	" 16	P	17	15	55.9					2156
S			16	28.3						
i			17	31.5						
ME			17	34.4	2.5	-6				
MN			17	33.8	2.8		-8			
F			25	40.0						
" 17	P	19	20	36.4				241		
	S		24	13.4						
	E		24	40.0	4.3	100				
	N		24	32.2					-3	
	L		27	02.6						
	i		28	38.0						
	i		32	22.6						
	F		58	20.0						

From 17. December, to 31. December, 1935

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Date	Phase	G.M.T.			Period s	Amplitude			Δ k.m.	Remarks
		h.	m.	s.		A _E μ	A _N μ	A _Z μ		
Dec. 20	P	5	48	25.1					304	
	S		49	06.1						
	ME		49	57.1	2.4	-38				
	MN		49	41.9	2.6		±44			
	MZ		49	38.1	1.9			-14		
"	F	56	40.0							
" 21	P	6	17	15.2					56	
	S		17	22.7						
	ME		18	35.3	0.3	+13				
	MN		18	35.3	0.3		+13			
	MZ		18	34.1	0.1			+5		
"	F	20	50.0							
" 23	P	0	29	41.4					220	
	i		29	53.6						
	S		30	11.1						
	MZ		30	23.6	1.6			+14		
	F		33	10.0						
" 28	P	2	44	14.1					5584	
	i		45	07.6						
	S		51	28.3						
	i		59	59.1						
	ME	3	07	03.6	18.0	-38				
	MN		07	20.4	16.0		-19			
	MZ		06	10.6	17.8			+6		
F		27	40.0							
" 29	P	23	44	18.3					220	
	S		48	40.3						
	F	00	04	40.0						