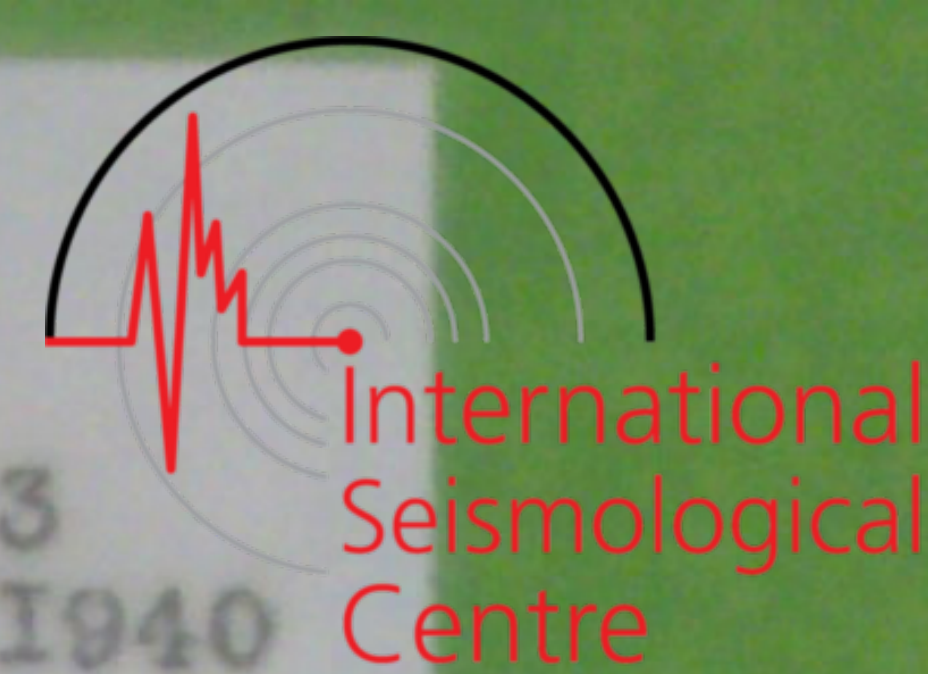


PRELIMINARY REPORT OF SEISMIC OBSERVATION

No. 13  
Jan. 1940



PALAU OBSERVATORY  
WEST CAROLINE ISLANDS

WIECHERT SEISMOGRAPH H  $\epsilon^{200}$ kg Z . 80kg

COMP.	T	r/T <sup>2</sup>	V
E	4.5	.002	8.0 76
N	4.6	.003	6.3 78
Z	2.0	.007	4.9 73

DATE	PHASE	G	M	T	AMPL.	PERI.	P-S	REMARKS
Jan. I	P	I <sub>2</sub> <sup>b</sup>	23 <sup>mp</sup>	41.7		s	m s	
	F	I <sub>2</sub>	32	-				
6	Pc	I <sub>3</sub>	I <sub>6</sub>	42.0				
	Pn	I <sub>3</sub>	I <sub>6</sub>	42.6				
	F	I <sub>3</sub>	I <sub>9</sub>	-				
6	Pc	I <sub>4</sub>	I <sub>11</sub>	44.7			6. 38.0	
	Pn	I <sub>4</sub>	I <sub>11</sub>	45.0				
	iSe	I <sub>4</sub>	I <sub>16</sub>	22.7 +15.8	7.0			
	iSn	I <sub>4</sub>	I <sub>18</sub>	22.8 -10.3	7.7			
	F	I <sub>5</sub>	O <sub>8</sub>	-				
I7	iPn	I	I <sub>18</sub>	51.1 -19.7	4.9		3. 07.9	
	iPe	I	I <sub>18</sub>	51.3 -11.5	4.5			
	Sn	I	I <sub>21</sub>	59.0 +16.7	6.4			
	Sc	I	I <sub>21</sub>	59.6 +21.0	4.3			
	F	2	47	-				



PRELIMINARY REPORT OF SEISMIC OBSERVATION

PALAU OBSERVATORY  
WEST CAROLINE ISLANDS

No. 14  
Feb. 1940  
& Mar.



WIECHERT SEISMOGRAPH H. 200kg Z. 80kg

COMP. T r/T<sup>2</sup> V  
E  
N Under repairs  
Z from 22 Jan. ....

DATE	PHASE	G. h	M. m	T. s	AMPL.	PERI. s	P-S m s	REMARKS
Feb. 14	P	9	02	27.4			0. 1.0	
	S	9	02	28.4				
	F	9	02	33.7				
17	P	0	52	36.7			0. 6.8	
	S	0	52	43.5				
	F	0	53	04.5				
18	P	4	03	01.8			0. 3.5	
	S	4	03	05.3				
	F	4	03	22.4				
18	P	4	03	24.8			0. 3.2	
	S	4	03	28.0				
	F	4	03	39.0				
24	P	12	03	10.3			2. 03.6	
	S	12	05	13.9				
	F	13	20	-				
Mar. 9	eP	11	56	59.0			0. 32.5	
	Sen	11	57	31.5				
	F	12	08	-				
11	iP	11	42	40.2			0. 1.5	
	iS	11	42	41.7				
	F	11	45	-				
14	eP	18	33	18.-			-	
	F	19	34	-				
19	e	10	53	-			-	
	F	11	20	-				
21	eP	14	00	-			-	
	S	14	05	10.-				
	F	14	20	-				
24	iPz	5	22	34.0			0. 1.1	
	iSz	5	22	35.1				
	F	5	24	-				
25	P	1	05	06.7			0. 3.3	
	S	1	05	10.0				
	F	1	05	40.-				



PRELIMINARY REPORT OF SEISMIC OBSERVATION

PALAU OBSERVATORY  
WEST CAROLINE ISLANDS

No. 15  
Mar.-Apr.  
1940.



WIECHERT SEISMOGRAPH H. 200kg Z. 80kg

COMP. T r/T<sup>2</sup> V  
E .....  
N .....  
Z .....

DATE	PHASE	G.	M.	T.	AMPL.	PERI.	P-S	REMARKS
Mar. 25	P	2 <sup>h</sup>	49 <sup>m</sup>	10.1			0.0	6.0
	S	2	49	15.1				
	F	2	50	-				
28	P	15	52	13.1			8.	42.3
	S	15	54	55.4				
	F	16	46	-				
29	P	22	34	02.8			0.	3.8
	S	22	34	06.6				
	F	22	35	20.-				
Apr. 1	P	11	21	50.1			.....	
	S	.....	.....	.....				
	F	12	30	-				
6	P	5	22	01.6			-	
	F	5	25	-				
8	P	2	53	29.9			-	
	F	3	22	-				
10	P	1	56	29.7			0.	4.5
	S	1	56	34.2				
	F	1	57	00.0				
14	P	14	19	12.-			-	
	F	14	45	-				
16	P	6	17	14.5			7.	42.5
	S	6	24	57.0				
	F	in	next.					
16	P	6	55	00.3			-	
	F	7	40	-				
20	P	2	43	05.7			0.	4.8
	S	2	43	10.5				
	F	2	45	-				
20	P	15	47	51.6			1.	17.8
	S	15	49	09.4				
	F	16	08	-				
24	P	10	26	24.0			4.	20.2
	CS	10	30	44.2				
	F	11	10	-				



PRELIMINARY REPORT OF SEISMIC OBSERVATION

No. 16  
May  
1940



PALAU OBSERVATORY  
WEST CAROLINE ISLANDS

WIECHERT SEISMOGRAPH H. 200kg Z. 80kg

COMP. T r/T<sup>2</sup> V  
E  
N .....  
Z .....

DATE	PHASE	G. h	M. m	T. s	AMPL.	PERI. s	P-S m s	REMARKS
Apr. 26	P	7	43	37.8			0. 1.8	
	IS	7	48	39.6				
	F	7	51	-				
28	P	21	36	40.1			0. 33.3	
	S	21	37	13.4				
	F	21	47	-				
May. 1	P	7	55	52.3			3. 49.2	
	eS	7	59	41.5				
	F	8	13	-				
8	P	19	54	50.2			0. 4.5	
	S	19	54	54.7				
	F	19	56	30.0				
16	P	2	53	20.-			-	
	F	3	14	-				
21	P	13	43	13.7			0. 7.6	
	S	13	43	21.3				
	F	13	45	-				
21	P	18	57	57.2			-	
	F	18	07	-				
24	P	16	53	40.4			-	
	F	18	37	-				
28	P	9	43	15.3			3. 0.5	
	S	9	46	19.8				
	S <sub>2</sub>	9	46	21.4				
	F	10	00	-				
28	eS	13	02	50.7			3. 56.3	
	eS	13	06	27.0				
	F	13	50	-				



PRELIMINARY REPORT OF SEISMIC OBSERVATION

No.



PALAU OBSERVATORY  
WEST CAROLINE ISLANDS

17  
June-July  
1940

WIECHERT SEISMOGRAPH H. 200kg Z. 80kg

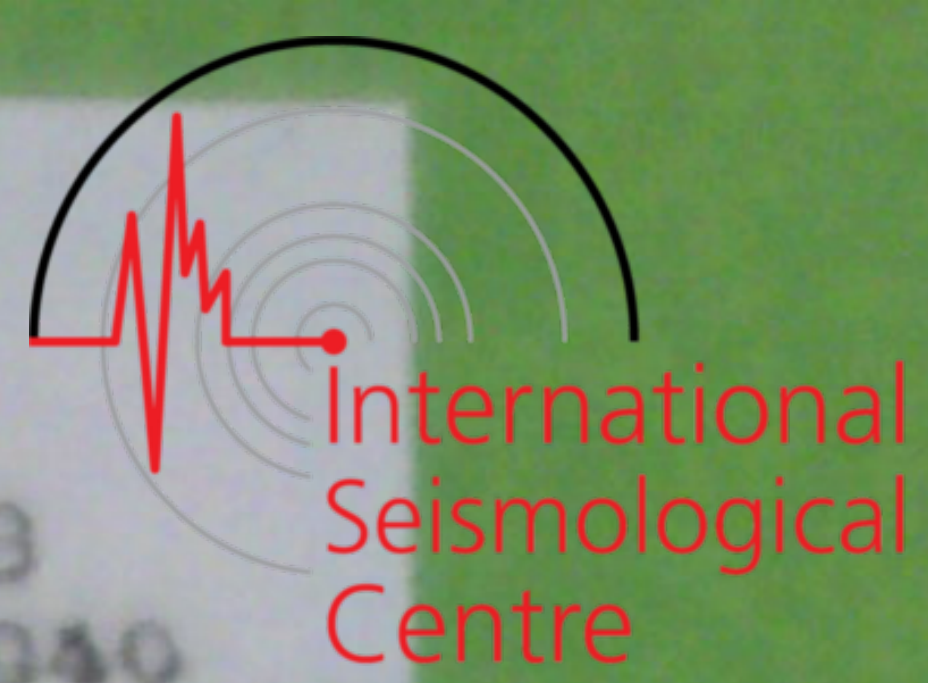
COMP. T r/T<sup>2</sup> V  
E  
N .....  
Z .....

DATE	PHASE	G. h	M. m	T. s	AMPL.	PERI. s	P-S m s	REMARKS
June 2	P	12	11	02.8			1. 01.8	
	S	12	12	04.6				
	F	12	56	-				
7	P	7	22	32.5				
	F	7	43	-				
17	P	14	40	30.8				
	F	14	45	-				
18	P	3	07	10.4			0. 2.6	
	iS	3	07	21.0				
	F	3	08	00.0				
18	Pe	13	55	05.4			2. 03.1	
	Pn	13	55	05.5				
	iSn	13	57	05.7				
	iSe	13	57	06.5				
	F	14	31	-				
22	Pn	11	39	51.7			2. 20.6	
	Sn	11	42	12.3				
	F	12	29	-				
22	P	16	22	48.8			.....	
		in north		earthquake				
23	P	16	24	03.6				
	F	16	27	-				
30	iPe	18	09	22.3			0. 2.7	
	iSe	18	09	25.0				
	F	18	09	44.-				
July 3	ePe	16	58	04.2			0. 2.2	
	eSe	16	58	06.4				
	F	16	58	19.-				
5	iPens	8	22	08.6			0. 2.9	
	iSenz	8	22	11.5				
	F	8	22	30.-				



PRELIMINARY REPORT OF SEISMIC OBSERVATION

No. 18  
July, 1940



PALAU OBSERVATORY  
WEST CAROLINE ISLANDS

WIECHERT SEISMOGRAPH H. 200kg Z. 80kg

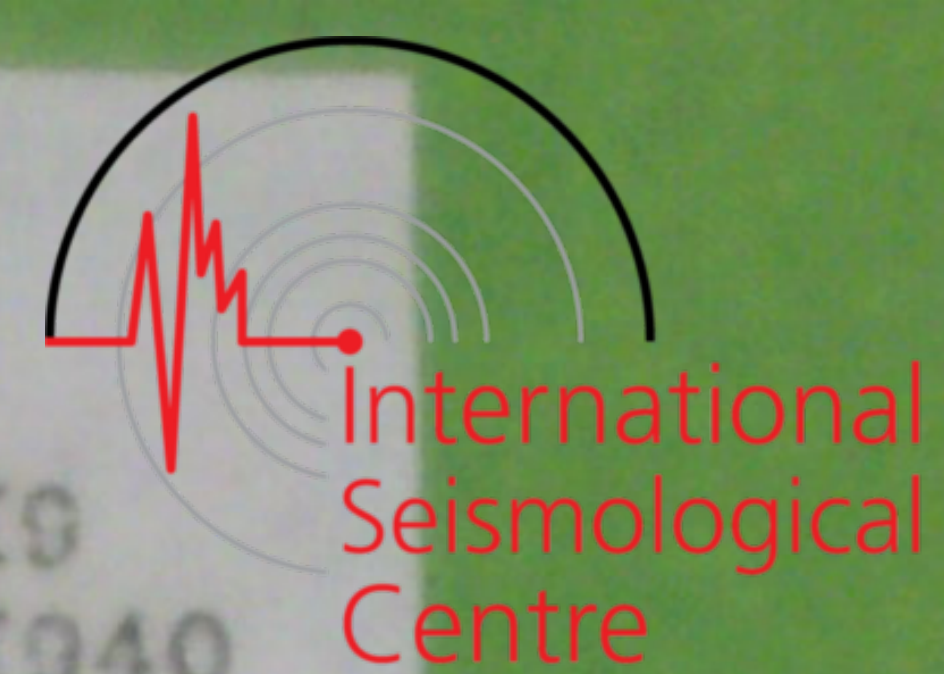
COMP. T r/T<sup>2</sup> V  
E .....  
N .....  
Z

DATE	PHASE	G.	M.	T.	AMPL.	PERI.	P-S	REMARKS
		h	m	s		s	m_s	
July. 10	eP <sub>z</sub>	5	58	07.1				
	iPn	5	58	08.3				
	ePe	5	58	08.7				
	F	6	02	-				
10	ePn	6	03	10.-				
		.....	.....					
14	ePn	6	34	20.2				
	F	6	07	-				
				6				
16	ePn	4	52	09.5			1. 59.2	
	ePe	4	52	09.5				
	iSe	4	54	08.7				
	F	4	58	-				
16	eP	19	22	01.1				
	F	19	51	-				
16	ePe	23	23	35.8				
	F	23	23	41.-				
16	ePn	23	24	34.2				
	F	23	52	-				
17	ePn	4	24	09.6			0. 4.0	
	eSn	4	24	13.6				
	F	4	24	28.-				
17	ePen	11	09	56.2			0. 5.0	
	iSe	11	10	01.2				
	F	11	10	45.-				
21	ePen	15	43	58.8				
	F	15	56	-				
23	ePe	17	48	23.5				
	ePn	17	48	21.7				
	F	17	50	43.-				



PRELIMINARY REPORT OF SEISMIC OBSERVATION

No. 19  
July. 1940



PALAU OBSERVATORY  
WEST CAROLINE ISLANDS

WIECHERT SEISMOGRAPH H. 200kg Z. 80kg

COMP. T r/T<sup>2</sup> V  
E .....  
N .....  
Z .....

DATE	PHASE	G. h	M. m	T. s	AMPL.	PERI. s	P-S		REMARKS
							m	s	
July 24	Penz	I9	4I	33.7			0.	6.0	
	eSen	I9	4I	39.7					
	F	I9	42	45.-					
30	?P	about		13 <sup>h</sup> 41 <sup>m</sup> .-					.....



PRELIMINARY REPORT OF SEISMIC OBSERVATION

No. 20  
Aug. 194

PALAU OBSERVATORY  
WEST CAROLINE ISLANDS

WIECHERT SEISMOGRAPH H. 200kg Z. 80kg

COMP. T r/T<sup>2</sup> V  
E .....  
N .....  
Z .....  
.....

DATE	PHASE	G. h	M. m	T. s	AMPL.	PERI. s	P-S m s	REMARKS
Aug. 1	iPn F	15 16	15 02	56.6 -				
6	ePn F	21 21	57 58	7.8 44.-				
9	ePe F	12 12	23 25	47.- -				
15	P F	14 14	17 19	54.3 -				
16	e F	12 12	32 34	29.- -				
16	e F	21 21	39 40	00.0 30.0				
20	eP F	17 17	35 47	32.- -				



PRELIMINARY REPORT OF SEISMIC OBSERVATION

No. 21  
Sept. 1  
& Oct.

PALAU OBSERVATORY  
WEST CAROLINE ISLANDS

WIECHERT SEISMOGRAPH H. 200kg Z. 80kg

COMP. T r/T<sup>2</sup> V  
E .....  
N .....  
Z .....

DATE	PHASE	G. h	M. m	T. s	AMPL.	PERI. s	P-S m s	REMARKS
Sept. 7	ePo	19	26	52.5				
	F	19	42	-				
12	I	1	22	12.6				
	F	2		-				
20	eP	0	03	26.8				
	eL	0	07	43.7				
	F	0	42	-				
22	iPnez	22	54	25.7				
	eSn	22	56	36.3				
	eSo	22	56	38.0				
	F	23	23	-				
Oct. 1	e	1	00	00.1				
	F	1	09	-				
7	Fenz	6	44	56.8				
	Senz	6	46	22.4				
	F	7	05	-				
9	iPe	21	06	16.5				
	S	21	06	22.5				
	F	21	06	44.-				
10	iPnez	4	46	29.4				
	iSn	4	48	34.5				
	F in next.							
10	Ie	4	49	25.2				
	Se	4	49	31.1				
	F	4	49	50.1				
11	iPen	19	59	49.0				
	Sen	19	59	54.2				
	F	20	01	-				

225128  
12.7

64255  
79

2007  
0.4

14837  
0.3

4910  
0.4

190942  
0.3



PRELIMINARY REPORT OF SEISMIC OBSERVATION

No 22

Cct.-Dec. 1940

PALAU OBSERVATORY  
WEST CAROLINE ISLANDS

WIECHERT SEISMOGRAPH H. 200kg Z. 80kg

COMP. T r/T<sup>2</sup> V  
E .....  
N .....  
Z .....

DATE	PHASE	G. h	M. m	T. s	AMPL.	PERI. s	P-S m s	REMARKS
Oct. 11	iPe	20	25	12.6				
	Se	20	25	17.8				
		20	26	-				
11	iPen	21	39	46.1				
	Se	21	39	52.1				
	Sn	21	39	51.2				
	F	21	40	-				
22	iPen	23	54	20.5				
	iSen	23	54	23.6				
	F	23	54	53.-				
Nov. 20	Pe	19	08	45.7				
	Se	19	08	52.6				
	F	19	09	0.-				
26	Pe	14	45	57.0				
	Se	14	49	42.0				
	F	15	35	-				
Dec. 3	ePe	6	35	45.0				
	Se	6	37	05.1				
	F	6	49	-				
4	ePe	13	08	40.5				
	F	13	34	-				
13	iPenz	18	46	27.0				
	iSenz	18	46	31.6				
	F	18	46	45.5				
17	ePen	12	44	28.4				
	S	12	46	59.6				
	F	13	09	-				
18	iPen	5	35	51.1				
	F	5	38	14.3				
28	Pe	6	51	04.9				
	Se	6	51	22.1				
	F	6	51	41.-				
29	ePen	16	41	36.0				
	F	17	21	42.-				