

Table 1966

Station	Year	Component	Scale	Period	Remarks
HES	1966	W	1/5	0.1-1.0	
HES	1966	N	1/5	0.1-1.0	
HES	1966	E	1/5	0.1-1.0	
HES	1966	W	1/2	0.1-1.0	
HES	1966	N	1/2	0.1-1.0	
HES	1966	E	1/2	0.1-1.0	

### 1966

Syowa Station was reopened in January of 1966 and seismological observation was begun in February.

The HES seismographs of three components were reset by Dr. H. HOTTA and Mr. E. INBE, members of the 7th JARE, and were operated also by Mr. E. INBE. Seismographs were observed with  $\mu=1/5$  from February 15 to May 14 and with  $\mu=1/2$  from May 15 to January 24 in 1967.

Seismograms were read by a member of the National Science Museum. Earthquakes with magnitude larger than 5.5 were listed in this bulletin.

Table 1966

Year	Month	Day	Time (UTC)			M <sub>s</sub>	Remarks
			h	m	s		
1966	1	1	00	00	00	5.5	
1966	1	1	00	00	00	5.5	
1966	1	1	00	00	00	5.5	
1966	1	1	00	00	00	5.5	
1966	1	1	00	00	00	5.5	

February 1966

Date	Phase	Arrival time			Period s	Amplitude mm
		h	m	s		
22	+iPE	18	18	36.4	1.0	5.0

March 1966

Date	Phase	Arrival time			Period s	Amplitude mm
		h	m	s		
4	-ePN	00	09	56.8	2.2	2.1
8	-iP iX	20	57 58	59.0 40.8	1.8	1.8
17	+iPN	16	02	07.4	0.9	2.0

April 1966

Date	Phase	Arrival time			Period s	Amplitude mm
		h	m	s		
1	+iP +iSN	03	38 43	53.0 22.8	2.2	3.3
10	-iPE	16	47	05.2	1.4	3.5
22	-iPE -ePKPE	03 12	17 23	01.7 04.9	0.1 3.0	2.0 1.8

May 1966

Date	Phase	Arrival time			Period s	Amplitude mm
		h	m	s		
11	+iP +iPP -eS	03	55 56 00	29.7 29.6 30.0	0.8 0.6 1.4	8.0 1.0 1.9
	+iPKP	14	37	07.1	1.0	4.8
15	+iPKP	15	05	54.7	1.2	1.4
17	+iP +iPcPE -iPP +iSN	17	08 08 10 16	03.3 50.9 10.4 00.7	1.6 1.6 2.2 0.6	2.0 2.4 2.1 1.6
19	-iPKP	07	26	24.1	1.8	3.0
22	-eP	03	05	14.7	1.6	5.5
25	+iP +ePP -iSN	08	41 44 51	28.2 47.9 42.6	2.0 2.0 1.0	4.0 3.0 2.0
	+iP	12	19	25.6	2.1	3.5
	iP +iS	13	29 37	55.0 24.4	5.2	2.0

June 1966

Date	Phase	Arrival time			Period s	Amplitude mm
		h	m	s		
2	+iP	07	17	44.5	1.4	2.8
6	+iP	01	58	33.8	1.2	2.2
	-iP	08	01	27.0	1.6	3.6
	+iPP		05	38.0	2.6	3.2
	+iSKS		12	07.2	4.0	13.8
7	+iP	01	12	16.0	2.0	2.0
	-eP	14	13	36.7	2.5	3.5
	eX		16	32.6	2.5	4.0
13	+iP	07	45	40.5	0.9	1.5
	+iP	18	21	13.1	1.0	7.6
	+iPP		25	05.1	2.0	4.1
	+iPPP		27	14.3	1.6	5.4
	+iS		31	20.9	1.6	2.7
16	+iP	20	43	49.9	0.8	2.0
21	-iPKP	23	26	02.2	0.6	1.0
22	iP	20	40	26.7		
	-iS		49	53.5		
27	-iPE	11	05	40.0	2.3	3.0
	-iPN	11	14	20.1	3.0	2.0
	-iSN		23	48.3	2.2	4.0
29	+iP	21	59	48.5	2.0	3.6
	-eS	22	10	43.2	3.4	3.0

July 1966

Date	Phase	Arrival time			Period s	Amplitude mm
		h	m	s		
4	-iPKP	18	45	29.2	2.0	2.2
	-iPP		49	37.1	1.2	5.6
10	+iP	10	21	27.7	1.8	5.2
	-iS		31	10.5	2.0	1.2
11	+iP	22	58	46.7		
21	+iP	18	44	17.4	2.7	3.4
27	+iP	05	00	35.3		11.2
	-iPP		03	22.7	1.2	2.0
	-iS		10	07.9	2.4	4.8

August 1966

Date	Phase	Arrival time			Period s	Amplitude mm
		h	m	s		
1	-iP	23	05	00.0	1.2	2.6
	+iP	21	16	54.3	2.0	3.0
	-iPP		20	57.3	1.4	2.4
7	-iPKP	02	32	52.5	2.0	2.4
	-iPP		37	00.9	1.4	4.3
	-iPPP		40	34.0	2.0	2.6
8	-iP	10	08	38.1	0.8	3.7
10	-iP	05	13	46.4		10.0
	-iS		24	04.0	0.8	1.2
11	+iP	05	25	32.0	1.6	6.0
16	+iP	18	22	40.3	1.4	5.3
18	+iP	14	45	46.3	0.8	2.0
	+iPP		49	37.3	2.0	10.0
	-iS		52	12.2	1.6	1.6
20	-iP	21	07	28.0	1.2	1.6
21	+ePN	05	14	01.0	1.6	2.4
22	ePE	17	54	29.1		
	-iS	18	04	45.7	2.7	6.5
24	+iPN	07	29	07.0	1.2	1.0
	iX		30	04.7	1.6	5.0
	-iS		38	52.8	3.8	5.8
26	ePN	09	19	10.0		
	eS		29	36.0		
28	-eP	07	40	42.0		
	-iS		49	45.6	1.4	1.2
	+iPN	10	15	28.0	1.4	3.4
	-iSKS		25	14.0	1.2	2.9
29	+iP	13	18	24.3	0.8	1.8
	-iPP		20	10.5	2.0	1.4

September 1966

Date	Phase	Arrival time			Period s	Amplitude mm
		h	m	s		
12	-iP	11	40	51.9	1.6	1.4
13	-iP	23	06	24.0	1.4	2.2
14	-iP	23	24	31.9	1.2	3.2
18	-iP	18	04	09.5	1.8	3.8
20	+iP	09	29	50.6	1.0	2.8
23	+iP	18	31	46.0	0.8	1.4
29	+iP	02	56	39.0	1.2	1.7
	+eS	03	06	43.0	2.0	3.2

October 1966

Date	Phase	Arrival time			Period s	Amplitude mm
		h	m	s		
7	-iP	16	07	19.2	3.9	12.0
	iS		17	21.6		
8	+iP	00	25	18.1	1.2	3.6
11	-eP	06	31	42.0	2.0	3.4
12	-iP	00	18	21.8	1.4	1.8
16	-iPN	13	01	44.0	1.2	1.6
	+iS		06	43.7	1.4	2.2
26	+iP	18	41	28.4		
27	-iPP	14	39	45.0	1.8	3.8

November 1966

Date	Phase	Arrival time			Period s	Amplitude mm
		h	m	s		
5	+iP	02	20	36.9	2.0	3.3
10	+ePN	03	13	11.5	2.0	3.0
	-eS		21	50.5	1.6	1.8
12	+iPN	12	01	53.2	0.8	3.4
	+iS		11	22.3	1.6	1.8
22	-ePN	07	07	20.1	0.8	1.3
	+iS		12	00.3	3.4	2.5
	+iScS		17	47.3	2.8	8.4
23	+iPN	02	32	01.0	1.4	1.8
	-eS		42	23.2	2.2	2.2
26	+iP	02	29	44.3	1.2	3.3
27	+iPKP	20	32	46.2	1.8	4.0

December 1966

Date	Phase	Arrival time			Period s	Amplitude mm
		h	m	s		
1	-iPN	05	09	40.7	2.4	-14.0
	+iS		19	58.0	4.0	8.2
2	+iP	09	45	20.2	1.0	4.0
10	-iP	18	21	24.0	2.0	1.0
14	-iPN	21	20	42.3	1.6	2.5
	-iSN		31	26.2	2.6	4.0
16	eP	21	16	14.1	2.2	3.6
20	eP	12	36	12.4	3.0	6.1
	+iS		44	23.0		
21	-iP	09	04	05.2	2.8	5.0
	-iS		14	03.0		
23	-iP	16	02	16.8	4.3	10.1
	-iS		12	40.1		
	-iScS		13	38.3		
28	-iPN	08	29	36.2		