

UNIVERSITETET I BERGEN
JORDSKJELVSTASJONEN
(Seismological Observatory)

Seismological Bulletin
Jan Mayen Island
1966—1967

By

HILMAR BUNGUM and EIRIK SUNDVOR

BERGEN — NORWAY 1969

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Jan Mayen (JMI), Norway.

Latitude: 70° 55' 37" N
Longitude: 08° 43' 32" W
Elevation: 50 meters
Foundation: Volcanic material

The station comprises one vertical Willmore seismometer with ink recording. The free period of the seismometer is 1 sec. and of the pen-galvanometer 0.1 sec. The magnification at T_s is kept about 20.000.

The readings have been punched on cards according to the codes given by the International Seismological Centre in Edinburgh. This bulletin is a reproduction of a print-out of the cards sent us from the Centre in Edinburgh. Only capital letters are used on the print-out and pP for example is therefore printed as * PP. For 1967 onwards some columns on the punched cards have been used for remarks. Usually the remark gives the epicenter or region assumed for the interpretation. Most epicenters are determinations done by U. S. Coast & Geodetic Survey, Bureau Central International Seismologique, Uppsala Seismological Institute, or they are epicenters worked out at Bergen.



JAN MAYEN ISLAND (JMI) SEISMIC STATION BULLETIN - 1966

1966		P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH	DY	HR	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
APR	17	05		PG 19 23	SG 19 27			
APR	19	21		PG 27 04	SG 27 12			
APR	23	01		PG 04 45				
MAY	03	06		PG 45 25				
MAY	09	02		PG 47 10	SG 47 16	I 47 20		
MAY	11	18		PG 12 30	SG 12 39			
MAY	13	15		PG 01 08	SG 01 13			
MAY	22	06		PG 08 32				
MAY	22	12		PG 09 49	SG 09 54			
MAY	27	14		P* 03 56	SG 04 11			
MAY	27	20		P* 48 48	S* 49 04			
MAY	27	21		P* 01 07	S* 01 24			
MAY	28	10		P* 53 30	PG 53 32	S* 53 46		
MAY	28	10		P* 58 22	S* 58 39			
MAY	28	14		P* 00 34	S* 00 50			
MAY	28	16		P* 20 31	S* 20 46			
MAY	29	06		P* 52 08	S* 52 26			
MAY	29	07		P* 11 48	S* 12 04			
MAY	30	14		PG 51 07				
MAY	30	21		PG 11 33	SG 11 41	I 11 45		
MAY	31	00		PG 28 19	SG 28 24			
MAY	31	10		E 43 29	I 43 45			
JUN	01	01		PG 01 47				
JUN	02	07		PG 38 12	SG 38 16			
JUN	02	13		PG 51 13	SG 51 19			
JUN	03	10		PG 23 59	SG 24 03			
JUN	04	23	E58 37	PG 21 01				
JUN	05	02		PG 32 01	SG 32 05			
JUN	06	02		*PP 55 52				
JUN	06	07	155 10.6	PG 57 53	SG 58 02			
JUN	06	16		PG 58 47	SG 58 56			
JUN	06	16						
JUN	13	13	120 51.8					
JUN	13	14	E15 14					
JUN	14	21		PG 28 15	SG 28 20			
JUN	16	01		PG 55 36	SG 55 44			
JUN	16	17	105 47.6					
JUN	16	17	07 08					
JUN	23	04		PG 07 21	SG 07 25			
JUN	23	07		PG 24 04	SG 24 08			
JUN	24	10		PG 41 17	SG 41 22			
JUN	27	10	151 28.7					
JUN	27	11	100 08.6	*PP 51 39				
JUN	27	11	109 38.2					
JUL	02	17		I 09 46	*PP 09 52			
JUL	02	17		PG 00 42	SG 00 47			
JUL	03	11		PG 09 01				
JUL	04	18	E43 30	*PP 43 37				
JUL	17	22		PG 57 48	I 57 56			
JUL	23	15		PG 21 41	SG 21 46			
JUL	30	08		PG 33 55	SG 34 05			
AUG	01	21	112 52.7					
AUG	03	01		PG 52 43	SG 52 46			
AUG	07	02	E22 58					
AUG	16	22	118 20.7					
AUG	18	22	18 39	PG 18 25	SG 18 43			
AUG	18	23		PG 08 41	SG 08 49			
AUG	18	23		SG 49 19				
AUG	19	12	E29 58	PP 31 22				
AUG	21	03		PG 00 38	SG 00 46			
AUG	22	05		PG 50 38	SG 50 46			
AUG	22	15		PG 45 02	SG 45 13			
AUG	22	19		PG 11 14	SG 11 27			

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1966		P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH	DY	HR	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
AUG	22	21		P* 49 33	I 49 39			
AUG	22	21		PG 59 28	SG 59 36			
AUG	22	22	103 24.2					
AUG	22	23		PG 29 22	SG 29 33			
AUG	23	00		PG 02 54	SG 03 01			
AUG	23	14		PG 12 04	SG 12 07			
AUG	23	14		SG 27 28				
AUG	29	17		PG 21 36	SG 21 39			
AUG	31	13		P* 23 21	I 23 42			
AUG	31	18	116 05.5	16 29	PG 16 12	SG 16 34		
AUG	31	21		SG 21 48				
AUG	31	21		PG 27 38	SG 27 44			
SEP	01	01	138 59.2	39 22	PG 39 03			
SEP	01	14	E30 10					
SEP	01	19	118 26.6		PG 18 31			
SEP	02	05		PG 51 03	SG 51 12			
SEP	09	13		SG 00 31				
SEP	13	11		PG 30 43	SG 30 47			
SEP	14	23	137 54.1	PKS 41 16				
SEP	29	20		PG 49 06	SG 49 14			
OCT	03	10		PG 37 55	SG 37 58			
OCT	07	13		PG 18 50	SG 19 00			
OCT	19	08		E 13 23				
OCT	20	05		PG 44 33	SG 44 37			
OCT	27	06	102 22.2					
OCT	28	12		PG 28 42	SG 28 45			
OCT	29	20		E 21 56	SG 22 10			
OCT	30	02		SG 28 11				
OCT	31	04		PG 10 39	SG 10 47			
NOV	01	18		PG 09 16	SG 09 21			
NOV	16	05		I 44 53				
NOV	26	01		SG 55 14				
NOV	26	03	125 45.9	I 25 50				
NOV	27	20	115 02.4	16 32	I 16 36			
NOV	30	13		SG 01 52				
DEC	17	05	E59 35	PG 59 41	I 59 44	I 59 49		
DEC	22	06		SG 36 52				
DEC	22	22		PG 28 07	SG 28 13			
DEC	23	21		PG 32 45	SG 32 49			



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1967	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH DY	HR	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
JAN 05	00	E23 46	I 23 30	I 23 53			48+1N 102+8E
JAN 05	00	151 17.6	I 51 19				48+4N 103+1E
JAN 06	11		PG 23 46	SG 23 51			LOCAL
JAN 11	10		PG 25 34	SG 25 40			LOCAL
JAN 12	22		SG 40 12				LOCAL
JAN 16	20		SG 00 44				LOCAL
JAN 20	02	106 30.5	I 06 32				48+0N 102+9E
JAN 20	20		SG 55 59				LOCAL
JAN 21	05		SG 07 09				LOCAL
JAN 22	21		PG 44 40	SG 44 46			LOCAL
JAN 22	22		SG 40 06				LOCAL
JAN 25	01		SG 23 06				LOCAL
JAN 25	01	159 08.1	*PP 60 28				36+6N 71+6E
JAN 28	19		PG 58 12	SG 58 20			LOCAL
JAN 30	10		PG 14 50	SG 14 58			LOCAL
JAN 30	20		PG 18 38	SG 18 47			LOCAL
FEB 02	11		PG 11 07	SG 11 18			LOCAL
FEB 02	13		PG 50 58	SG 51 10			LOCAL
FEB 02	13		PG 54 01	SG 54 12			LOCAL
FEB 03	17		PG 23 21	SG 23 32			LOCAL
FEB 13	23	119 10.4	I 19 20				52+7N 34+1W
MAR 03	12		PG 51 02	SG 51 12			LOCAL
MAR 17	08		PG 33 05	SG 33 10			LOCAL
MAR 25	06		PG 08 24	SG 08 29			LOCAL
MAR 29	09		PG 10 43	SG 10 51			LOCAL
APR 01	22		E 32 43				LOCAL
APR 08	14		PG 54 08	SG 54 11			LOCAL
APR 09	20		PG 26 21	SG 26 24			LOCAL
APR 10	03		E 05 20	I 05 34	1 05 45		LOCAL
APR 10	07		PG 37 45	SG 37 48			LOCAL
APR 13	01		PG 06 34	SG 06 38			LOCAL
APR 13	15		PG 17 41	SG 17 44			LOCAL
APR 13	20	105 36.8					27+3N 128+7E
APR 20	22		E 17 07				LOCAL
APR 21	00		I 43 19	SG 43 25			LOCAL
APR 21	15		PG 04 55				LOCAL
APR 22	12	119 59.0					73+4N 8+4E
APR 23	21		PG 27 47				LOCAL
APR 26	05		PG 50 04	SG 50 08			LOCAL
MAY 01	07	E15 55	I 15 59				39+7N 21+3E
MAY 05	03		SG 27 34				LOCAL
MAY 05	07		PG 52 49				LOCAL
MAY 05	08		PG 35 37				LOCAL
MAY 05	12		PG 31 48	SG 31 53			LOCAL
MAY 05	22		PG 03 43	SG 03 44			LOCAL
MAY 11	05		PG 26 09	SG 26 14			LOCAL
MAY 11	15	E00 02					39+4N 73+8E
MAY 15	03		PG 20 00	SG 20 09			LOCAL
MAY 18	04		PG 22 57	SG 23 01			LOCAL
MAY 22	11		PG 27 02	SG 27 13			LOCAL
MAY 25	05		PG 22 47	SG 22 57			LOCAL
MAY 26	10		PG 33 30	SG 33 40			LOCAL
MAY 26	11		PG 36 00	SG 36 10			LOCAL
MAY 26	13		PG 23 35	SG 23 45			LOCAL
MAY 26	15		PG 28 27	SG 28 33			LOCAL
MAY 26	15		PG 33 10	SG 33 20			LOCAL
MAY 26	15		PG 35 09	SG 35 16			LOCAL
MAY 26	15		PG 37 54	SG 38 02			LOCAL
MAY 26	18		PG 33 50	SG 34 00			LOCAL
MAY 26	19		PG 19 59	SG 20 10			LOCAL

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1967	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH DY	HR	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
MAY 26	21			PG 21 21	SG 21 31		LOCAL
MAY 27	18			PG 56 33	SG 56 39		LOCAL
MAY 27	19	E15 21		PG 06 00	SG 06 07		LOCAL
MAY 27	20			PG 06 42	SG 06 53		36+1N 77+8E
MAY 28	11			PG 31 18	SG 31 20		LOCAL
MAY 28	11			PG 42 25	SG 42 28		LOCAL
JUN 01	10	146 52.9					36+9N 29+2E
JUN 01	11			PG 57 24			LOCAL
JUN 01	12			PG 10 00	SG 10 04		LOCAL
JUN 03	04			PG 02 38	SG 02 48		LOCAL
JUN 03	09			PG 33 53	SG 33 59		LOCAL
JUN 03	12			PG 19 38	SG 19 44		LOCAL
JUN 11	16			PG 16 47			LOCAL
JUN 17	01			PG 28 52	SG 28 58		LOCAL
JUN 25	05			SG 59 51			LOCAL
JUN 25	20			PG 04 39	SG 04 45		LOCAL
JUN 30	00			PN 14 29	SN 14 57		70+4N 15+3W
JUL 01	10			PG 02 30	SG 02 46		LOCAL
JUL 01	23	119 23.9					54+4N 158+0W
JUL 02	03			PG 29 41	SG 29 47		LOCAL
JUL 06	08			PG 21 54	SG 21 57		LOCAL
JUL 06	08			PG 22 13	SG 22 16		LOCAL
JUL 18	06			PG 50 52	SG 50 56		LOCAL
JUL 22	17	104 00.5		I 04 10	PP 05 30		40+7S 30+8E
JUL 25	03			PG 01 31	SG 01 37		LOCAL
JUL 29	10	135 52.0					6+8N 73+0W
AUG 02	11			PG 06 43			71+2N 8+0W
AUG 02	11			PG 20 28	SG 20 32		LOCAL
AUG 02	11			PG 22 30			LOCAL
AUG 02	11			PG 29 31			LOCAL
AUG 02	11			PG 33 25			LOCAL
AUG 02	11			PG 41 52			LOCAL
AUG 02	11			PG 46 56	SG 47 01		LOCAL
AUG 02	11			PG 55 56			LOCAL
AUG 02	12			PG 04 22	SG 04 26		LOCAL
AUG 02	12			PG 08 16			LOCAL
AUG 02	12			PG 25 35	SG 25 40		LOCAL
AUG 02	12			PG 42 16			LOCAL
AUG 02	12			PG 59 01			LOCAL
AUG 02	13			PG 03 37			LOCAL
AUG 02	13			PG 15 15	SG 15 19		LOCAL
AUG 02	15			PG 03 14	SG 03 18		LOCAL
AUG 02	16			PG 20 12	SG 20 17		LOCAL
AUG 02	16			PG 47 11			LOCAL
AUG 02	20			PG 01 00	SG 01 03		LOCAL
AUG 02	22			PG 24 58	SG 25 02		LOCAL
AUG 03	04			PG 04 03	SG 04 08		LOCAL
AUG 03	06			SG 10 56			LOCAL
AUG 03	11			PG 04 32	SG 04 36		LOCAL
AUG 03	13			SG 44 01			LOCAL
AUG 03	22			PG 45 54			LOCAL
AUG 03	23			PG 56 05			LOCAL
AUG 04	02			PG 44 44	SG 44 48		LOCAL
AUG 04	07			PG 47 57	SG 48 02		LOCAL
AUG 04	16			SG 50 23			LOCAL
AUG 05	00			PG 42 01			LOCAL
AUG 05	02			PG 57 28			LOCAL
AUG 05	03			PG 26 35			LOCAL
AUG 06	21			PG 32 41			LOCAL

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1967	MTH	DY	HR	P/PKP M S	S/SKS M S	SUPP. 1 PHASE M S	SUPP. 2 PHASE M S	SUPP. 3 PHASE M S	LOG A/T	REMARKS
AUG	07	11				PG 54 14	SG 54 25			LOCAL
AUG	07	19				PG 03 47	SG 03 51			LOCAL
AUG	07	20				PG 41 37	SG 41 42			LOCAL
AUG	10	04				PG 36 21				LOCAL
AUG	10	14				PG 33 34				LOCAL
AUG	13	20	DI17 32.4							35.3N 135.3E
AUG	14	03				PG 49 13				LOCAL
AUG	14	05				PG 16 58	SG 17 03			LOCAL
AUG	15	04				PG 00 05				LOCAL
AUG	15	10				PG 59 27	SG 59 31			LOCAL
AUG	16	18				PG 52 29				LOCAL
AUG	20	06				PG 44 09				LOCAL
AUG	21	07	146 07.0							3.6N 95.8E
AUG	22	00				PG 10 43	SG 10 49			LOCAL
AUG	28	07				PG 25 32	SG 25 37			LOCAL
SEP	02	23				PG 06 50	SG 06 56			LOCAL
SEP	02	23				PG 15 06	SG 15 11			LOCAL
SEP	03	05				PG 43 50	SG 43 54			LOCAL
SEP	03	10				PG 26 10				LOCAL
SEP	03	10				PG 31 58				LOCAL
SEP	03	10				PG 34 01	SG 34 05			LOCAL
SEP	03	14				PG 45 14				LOCAL
SEP	04	04				PG 09 46	SG 09 51			LOCAL
SEP	05	06				PG 25 14				LOCAL
SEP	06	13				PG 19 52	SG 19 55			LOCAL
SEP	10	19				PG 53 07				LOCAL
SEP	11	04				PG 38 54				LOCAL
SEP	11	18				PG 27 25				LOCAL
SEP	11	23				PG 42 33				LOCAL
SEP	12	04				PG 17 47	SG 17 56			LOCAL
SEP	12	18				PG 30 09	SG 30 18			LOCAL
SEP	13	03				PG 42 25				LOCAL
SEP	14	02				PG 02 34				LOCAL
SEP	17	12				SG 05 45				LOCAL
SEP	19	06				PG 08 29	SG 08 35			LOCAL
SEP	20	04				I 32 14				LOCAL
SEP	22	11				PG 29 55				LOCAL
SEP	26	19				PG 58 32				LOCAL
SEP	28	10				PG 51 51	SG 51 55			LOCAL
OCT	06	10				PG 44 38	SG 44 42			LOCAL
OCT	07	03				PG 47 45	SG 47 52			LOCAL
OCT	08	07				SG 17 27				LOCAL
OCT	09	17	CI39 47.5			PP 42 07				21.1S 179.3W
OCT	10	12				PG 18 22	SG 18 27			LOCAL
OCT	12	13				PG 02 40	SG 02 44			LOCAL
OCT	15	08	DI12 14.2							11.9N 86.0W
OCT	18	01	I13 55.7 15 34			PCP 20 21				79.8N 2.4E
OCT	21	02				PG 01 15	SG 01 19			LOCAL
OCT	21	05	E04 22							73.4N 54.8E
OCT	22	20				PG 51 29	SG 51 35			LOCAL
OCT	25	01	E11 22							24.5N 122.2E
NOV	03	05				PG 59 40				LOCAL
NOV	03	08				PG 32 07				LOCAL
NOV	06	10				PG 56 42				LOCAL
NOV	06	15				PG 00 36				LOCAL
NOV	13	07				PG 05 10	SG 05 18			LOCAL
NOV	14	07				PG 01 19				LOCAL
NOV	21	17				PN 03 45				72.7N 8.5E
NOV	23	13	144 17.1 46 00							80.2N 1.0W
DEC	05	13				PG 37 28				LOCAL

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1967	MTH	DY	HR	P/PKP M S	S/SKS M S	SUPP. 1 PHASE M S	SUPP. 2 PHASE M S	SUPP. 3 PHASE M S	LOG A/T	REMARKS
DEC	06	00					PG 19 46	SG 19 53		LOCAL
DEC	06	01					PG 37 52	SG 37 59		LOCAL
DEC	06	02					PG 26 59	SG 27 05		LOCAL
DEC	06	13					PG 10 08			LOCAL
DEC	06	13					PG 22 59	SG 23 05		LOCAL
DEC	06	14								LOCAL
DEC	10	01					PG 39 29	SG 39 35		LOCAL
DEC	10	10					PG 04 32			LOCAL
DEC	10	20					PG 25 18	SG 25 27		LOCAL
DEC	10	20					PG 41 18	SG 41 25		LOCAL
DEC	10	20					PG 54 25			LOCAL
DEC	10	23	DI02 42.2				I 02 48			
DEC	11	23					PG 09 27			17.7N 73.9E
DEC	12	01					PG 23 33			LOCAL
DEC	15	04					SG 39 37			LOCAL
DEC	15	14					PG 07 25			LOCAL
DEC	16	12					PG 22 50	SG 22 59		LOCAL
DEC	18	06					PG 13 47	SG 14 01		LOCAL
DEC	19	02					PG 18 32	SG 18 37		LOCAL