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UNIVERSITETET I BERGEN  
JORDSKJELVSTASJONEN  
(Seismological Observatory)

Seismological Bulletin  
Jan Mayen Island  
1964—1965

By  
ANDERS SØRNES and HARALD GAMMELSÆTER

BERGEN — NORWAY 1968

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Jan Mayen (JMI), Norway

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

The station comprises one vertical Willmore seismometer with ink recording. The free period of the seismometer is 1 sec. and of the galvanometer 0,1 sec. The magnification at  $T_s$  is kept about 20,000.

The recordings 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. Capital letters are used only, and pP for example is indicated by \*PP.

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YEAR	*****												PAGE				
1964	*****												1				
MTH	DY	HR	P/PKP		S/SKS		SUPP. 1		SUPP. 2		SUPP. 3		LOG				
*****	*****	*****	M	S	M	S	PHASE	M	S	PHASE	M	S	PHASE	M	S	A/T	
JAN	11	07	130	05.0	30	15											
JAN	15	00	E48	03													
JAN	24	06	E07	14													
JAN	25	06	137	16.8	37	25											
JAN	28	14	118	12.5					E 18	37			*PP	19	54		E 79
FEB	01	04	E17	39													
FEB	01	07	E29	40													
FEB	09	01	155	08.8													
FEB	27	15	122	15.1													
MAR	01	07	158	40.2													
MAR	04	02	122	40.9													
MAR	05	11	137	28.1					I 37	36							
MAR	05	11	158	30.2													
MAR	05	12	E02	26													
MAR	05	17	113	21.6					E 13	45							
MAR	15	22	E37	18													
APR	03	22	156	55.1													
APR	05	12	48	06					E 48	09			E 48	26			
MAY	04	09	121	35.7													
MAY	04	09	23	32					E 23	44							
MAY	05	01	49	58													
MAY	05	12	144	48.1													
MAY	05	17	152	07.5													
MAY	05	20	124	15.4													
MAY	08	21	159	34.8													
MAY	08	22	104	33.2													
MAY	08	22	126	33.4	26	42											
MAY	08	23	17	52	18	03											
MAY	08	23	118	57.4	19	04											
MAY	09	07	112	58.2					E 13	07							
MAY	26	11	18	03					I 18	11							
MAY	31	01	106	11.6					E 06	25							
JUN	16	04	12	49					I 13	14							
JUN	16	14	145	59.6													
JUN	23	01	137	08.7													
JUN	30	03	117	18.8													
JUL	05	03	E28	24					E 28	30							
JUL	06	07	148	38.6													
JUL	11	17	146	59.1					I 47	23							
JUL	19	19	113	43.8													
JUL	22	01	157	09.3													
JUL	24	07	E01	09													
AUG	02	00	105	27.0													
AUG	05	00	155	20.5													
AUG	05	10	130	24.2													
AUG	17	05	116	08.6													
AUG	29	05	E20	44	21	02											
AUG	29	06	E56	09													
AUG	30	04	153	43.4					E 53	59							
AUG	31	19	139	14.8													
SEP	02	23	E29	32													
OCT	06	11	E03	03													
OCT	06	18	125	08.2													
OCT	07	05	123	04.7					I 23	15							
OCT	10	22	E14	02					I 14	10							

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YEAR	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
1964									
OCT	25	07		155 14.7					
OCT	28	06		152 39.5					
NOV	09	15		E27 10					
NOV	28	17		145 50.8					
DEC	02	11		153 46.4					
DEC	04	07				I 45 43			
DEC	08	05		148 27.4		I 48 32			
DEC	08	18		109 18.6		I 09 28			
DEC	12	13		134 49.5		E 34 53			
DEC	17	16		152 19.0		E 52 23			
DEC	27	05		105 07.3					
DEC	27	16		133 56.7		E 34 03			
DEC	30	01		E27 28					

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YEAR	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
1965									
JAN	16	19		137 54.3					
JAN	17	09		111 23.8					
JAN	18	18					PG 27 09	SG 27 13	
JAN	22	04		155 19.1			E 55 28		
JAN	28	15		124 35.4			E 24 45		
FEB	02	02		107 42.7					
FEB	03	16		111 17.1					
FEB	04	05		E11 38					
FEB	04	09		E05 35					
FEB	05	09		126 52.8					
FEB	06	16		E59 51			*PP 60 02	PCP 61 02	E 61 10
FEB	10	17					PG 07 09	SG 07 19	
FEB	14	13		155 19.7					
FEB	14	17		156 55.2					
FEB	14	19		138 28.5					
FEB	19	10					PG 16 55	SG 16 58	
FEB	19	18					PG 12 29	SG 12 33	
FEB	19	18					PG 20 49	SG 20 52	
FEB	19	18		133 05.7					
FEB	23	07					PG 13 30	SG 13 34	
FEB	23	07		143 10.5					
FEB	23	14					PG 07 19	E 07 23	SG 07 25
MAR	01	21		E43 36			E 44 12		
MAR	02	09		133 02.9			I 33 09		
MAR	02	09		154 07.3			E 54 12		
MAR	03	09					PG 28 30	SG 28 37	
MAR	09	02		103 13.0					
MAR	09	04		142 25.7					
MAR	09	05		110 23.4					
MAR	09	09		101 49.1					
MAR	09	14		114 36.6					
MAR	14	15					PG 12 33	SG 12 38	
MAR	14	16		102 00.6					
MAR	16	16		E57 07					
MAR	22	00		E41 44					
MAR	22	08		110 43.7					
MAR	22	08		134 23.5					
MAR	22	09		108 28.6					
MAR	22	16		102 12.6					
MAR	22	16		118 35.0					
MAR	22	17		153 01.8					
MAR	22	17		153 59.7					
MAR	23	05					PG 14 32	SG 14 40	
MAR	23	15		109 09.9					
MAR	24	03		128 22.4					
MAR	24	03		145 40.0					
MAR	24	08		100 25.8					
MAR	25	02		E01 30			I 01 31		
MAR	26	13		E51 43			E 51 52		
MAR	27	18		E19 13			I 19 17		
MAR	30	02		E37 05			I 37 10		
MAR	31	09		154 28.3			I 54 43		
APR	01	05		123 18.4					
APR	02	15		E54 16			E 54 20	E 55 19	
APR	05	03		120 04.2			*PP 20 13	I 20 22	

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YEAR	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
1965	APR	05	14	E02 39		E 02 49			
	APR	07	01	146 11.0		E 46 15			
	APR	08	02	125 09.8					
	APR	08	10	140 15.0		E 40 20			
	APR	10	00	104 33.9		E 04 35	*PP 04 45	E 04 57	
	APR	10	14	E20 34					
	APR	10	17	E04 39					
	APR	11	00	E31 03		E 31 05	E 31 10		
	APR	11	04			PG 29 20	SG 29 24		
	APR	15	18	E10 34					
	APR	21	14	152 28.0					
	MAY	03	10			PG 32 04	SG 32 13		
	MAY	03	10	132 48.9					
	MAY	11	23			PG 56 43	SG 56 50		
	MAY	14	15			PG 15 38	SG 15 46		
	MAY	14	19			PG 25 39	SG 25 45		
	MAY	15	00			PG 57 30	SG 57 38		
	MAY	17	06	103 56.7					
	MAY	17	17	E31 39		E 31 45			
	MAY	23	19			PG 46 31	SG 46 35		
	MAY	30	13	154 43.5					
	MAY	30	14			PG 21 50	SG 21 54		
	MAY	30	16			PG 47 39	SG 47 42		
	MAY	30	20	E22 37					
	MAY	30	20			PG 27 03	SG 27 09		
	MAY	30	22	150 40.3					
	JUN	01	23	146 24.2					
	JUN	02	01	117 04.8					
	JUN	05	23			PG 31 09	SG 31 16		
	JUN	20	23	E56 31		I 56 33			
	JUN	21	00	130 35.7					
	JUN	23	20	E35 25					
	JUN	23	21			PG 30 43	SG 30 50		
	JUN	24	05	E26 06					
	JUN	29	21			PG 00 30	SG 00 34		
	JUL	07	00	E03 22					
	JUL	07	23	E59 23					
	JUL	18	03	156 13.6					
	JUL	18	04			PG 09 37	SG 09 40		
	JUL	21	22			PG 35 36	SG 35 40		
	JUL	22	13	E06 58		I 07 53			
	JUL	23	02	118 23.6					
	JUL	25	22	157 33.9		I 57 53			
	JUL	26	18	158 59.1		I 59 09	E 59 14		
	JUL	29	08	E54 17					
	AUG	02	04			PG 03 18	SG 03 27		
	AUG	06	13	103 55.9					
	AUG	07	09	132 24.8					
	AUG	20	09			PG 25 24	SG 25 34	E 25 36	
	AUG	23	19	E57 42					
	AUG	31	19	126 34.8					
	AUG	31	20	159 52.3					
	SEP	02	21	E13 14					
	SEP	04	14	E41 33		E 41 38	I 41 42		
	SEP	10	08			PG 10 10	SG 10 14		

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YEAR	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
1965	SEP	25	17	E43 25		I 43 29			
	SEP	28	01	114 07.7					
	SEP	28	22	E14 19		I 14 29			
	SEP	29	15			PG 04 42	SG 04 50		
	OCT	03	14	155 29.8					
	OCT	06	21			PG 50 49	SG 50 57		
	OCT	19	08	E49 47		E 50 01	E 50 07	E 50 31	
	OCT	19	11	E32 24		E 32 30			
	OCT	20	06	117 42.7					
	OCT	31	09	E26 32		E 26 34	E 26 42		
	NOV	12	05			PG 17 13	SG 17 23		
	DEC	01	17	E28 14					
	DEC	20	00			PG 25 57	SG 85 03		
	DEC	22	19	150 03.7		I 50 15			
	DEC	29	11			PG 18 46	SG 18 50		