

DURHAM UNIVERSITY OBSERVATORY.

SEISMOGRAMS. JANUARY 1 to JUNE 30, 1931.

2 Jan.	M.	0-47-40		
2 Jan.	M.	10-42-		
12 Jan.	M.	15-25-20		<u>0-5</u>
12 Jan.	?P.	20-54-20	no <u>S.</u>	0s.
	M.	21-25-		
15 Jan.	P.	2- 2-53		- 1
	PR,	2- 6- 6	or PP	
	?	2- 8-39	- PPPP	-3
	S.	2-12-55		$\Delta = 78^\circ$
	SR,	2-18-23	or SS.	
	L.	2-25-		
	M.	2-42-		
15 Jan.	M.	21-55-30		
17 Jan.	M.	3-48-20		
27 Jan.	P.	20-22- 4		+68s.
	?	20-25-15	= PPP + 4s.	-12s.
	S.	20-30-19		$\Delta = 64.5$
	L.	20-43- 0		
	M.	20-52-30		
28 Jan.	?P.	21-43- 9	no PP	
	?	21-58-44	?	
	L.	22-14-10		
	M.	22-28-		
10 Feb.	M.	7-41-	← 2 Feb on next sheet.	
13 Feb.	M.	3-16-		
14 Feb.	M.	15- 0-40		
20 Feb.	P.	5-44-29		+2s
	S.	5-53-33		+4s. $\Delta = 67.9$

SEISMOGRAMS. - January 1 to June 30, 1931. - (Continued)

2 Feb.	[P]	23- 4-49	?	
	?	23- 7-51	PKP ₂	<u>O-C</u>
	PR ₁	23-10-29	PKS+1s.	
	(PR ₁)'	23-11-10	pp'	
	PR ₂	23-14-12	PPP	$\Delta = 172.8^{\circ}$
	(PR ₂)'	23-15-29	PPP'	
	?PR ₄	23-18-59	= S+27s.	
	M.	0-16- 0	(gn 3 Feb.)	
7 Mar.	?	0-25-20	S+2s	
	M.	0-29-53		
8 Mar.	P.	1-55- 5		+1s.
	S.	1-58-49		$\Delta = 20.7^{\circ}$
	L.	2- 1- 0		
	M.	2- 2-10		
9 Mar.	P.	4- 1- 6		+2s.
	?PR ₁	4- 4-14	PP	
	"	4- 5-58	?	
	PR ₂	4- 6-21	PPP	
	PR ₃	4- 7-45	PPPP	$\Delta = 80.1^{\circ}$
	S.	4-11-18		+6s.
	SR ₁	4-16-18	SS	
	?	4-20-22	?	
	SR ₂	4-20-57	SSSS+7s.	
	L.	4-29-19		
	M.	4-35-		
11 Mar.	M.	13-30-		
12 Mar.	M.	11-44-		
18 Mar.	?	8-27-18	S	-1s
	M.	9- 4- 8		
18 Mar.	?	20-38- 2	S -34s.	
	?	20-51-43		
	M.	21-18-		
19 Mar.	?	6-48-38	S -13s.	
	?	6-49-11	?	
	?	6-56-38	?	
	L.	7-14-29		
	M.	7-19-		
28 Mar.	M.	13-51-		

SEISMOGRAMS. January 1 to June 30, 1931. (Continued)

3 April	P.	23-37-49		$\frac{0-6}{-62s}$
	S.	23-45-32	ho ?	$\Delta = 55.5$
	?L.	23-55-26		
	M.	23-59-23		
9 April	?P.	23-23- 5	ho s.	-5s.
	L.	23-52-		
15 April	P.	17- 3-17		+11s
	S.	17- 6-31		+11s
	SR,	17- 6-57	SS	$\Delta = 17.2$
	M.	17-10-16		
20 April	L.	20-52-		
22 April	?	0-25-34	?	
	L.	1-37-		
24 April	?	17-42-38	?	
	?	17-43-31	? PP+7s.	
	?	17-44-39		
	?L.	18-24- 0		
	M.	18-34-		
27 April	P.	16-57-38		Os.
	PR,	16-58-46	PP	
	PR ₂	16-59- 6	PPP	
	PR ₃	16-59-19	PPPP	
	S.	17- 3- 9		$\Delta = 35.3$
	SR,	17- 5-18	SS	
	SR ₂	17- 5-46	SSS	
	SR ₃	17- 6-11	SSSS	
	L.	17- 7-52		
	M.	17-10-40		
3 May	P.	8-26-30	ho.	
16 May	?	21- 9-48	>S-5s.	
	M.	21-38-30		
20 May	P.	2-27-26		+1s.
	PR,	2-27-46	PP	$\Delta = 19.7$
	S.	2-31- 2		+2s.
	M.	2-35-		
7 June	P.	0-25-49		Os
23 June	M.	8- 9-		