

# BOLLETTINO

## Meteorologico e Geodinamico

dell'Osservatorio del Real Collegio Carlo Alberto

MONCALIERI

### OSSERVAZIONI SISMICHE

POSIZIONE GEOGRAFICA { Longitudine Est da Greenwich: 7° 41' 43"  
 Latitudine Boreale: 44° 59' 52"  
 Altitudine (Pendoli orizzontali) 238 m.

#### COSTANTI STRUMENTALI.

Pendoli orizzontali "Stiattesi,,,"		Pendolo verticale.	
Massa pendolare . . . . .	Kg. 260	Massa pendolare . . . . .	Kg. 650
Periodo completo-Comp. N. . . . .	sec. 19,4	Periodo completo . . . . .	sec. 3,2
» » E. . . . .	» 20,3	Ingrandimento . . . . .	1:50
Ingrandimento . . . . .	1:25	Velocità oraria . . . . .	cm. 100
Velocità oraria . . . . .	cm. 100		

Registrazione su carta affumicata.  
 Le ore sono contate in T. m. E. C.

#### ABBREVIAZIONI.

P.	=	Primi tremiti preliminari.
S.	=	Secondi »
L.	=	Onde lente.
MN.	=	Massimo - Componente N.
ME.	=	» » E.
F.	=	Fine.
e.	=	Emersio.
i.	=	Impetus.
Per.	=	Periodo completo in secondi.
Amp.	=	Semi ampiezza in millim.
O.	=	Pendoli orizzontali.
V.	=	Pendolo verticale.



## Gennaio 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Gennaio		H. m. s.			
1	4	eP?	18.13.36	---	---	
		L.	- .34.35	18.0	---	
		MN.	- .41.49	---	1.5	
		ME.	- .41.50	---	3.5	
		F.	19.15. -	---	---	
2	7	P.	3.39. 1 *1	---	---	*1 Onde rapidissime.
		S.	- .39.12 *1	---	---	*1 id.
		MN.	- .40.21	---	3.0	
		ME.	- .40.20	---	1.0	
		F.	- .45. -	---	---	
3	7	P.	6. 1.20 *1	---	---	*1 id.
		S.	- . 1.34 *1	---	---	
		MN.	- . 2.24	---	1.0	
		F.	- . 5. -	---	---	
4	7	P.	16.55. 5 *1	---	---	*1 id.
		S.	- .55.23 *1	---	---	
		MN.	- .56.15	---	1.0	
		F.	- .59. -	---	---	
5	8	P.	0.25.16 *1	---	---	*1 id.
		F.	0.27. -	---	---	
6	12	e.	7.51. 3	---	---	
		L.	8. 1.14	14.0	---	
		F.	- .40. -	---	---	
7	13/14	e.	23.55. 2	---	---	
		L.	- .58.11	13.0	---	
		F.	0. 5. -	---	---	
8	18	eL.	18.47.24	13.0	---	
		F.	- .55. -	---	---	
9	19	P.	11.32.17 *1	---	---	*1 Onde rapidissime.
		S.	- .32.29	---	---	
		MN.	- .33.27	---	2.5	
		ME.	- .33.22	---	0.9	
		F.	- .40. -	---	---	
10	21	P.	0.30. 8	---	---	
		S.	- .40.39	---	---	
		L.	- .52.15	21.0	---	
		MN.	1.20.51	---	1.5	
		ME.	- .20.11	---	1.5	
		F.	2. 5. -	---	---	

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Gennaio		H. m. s.			
11	21	iP.	1. 9.50	---	---	
		MN.	- .10. 0	---	4.0	
		ME.	- .10. 6	---	1.5	
		F.	- .15. -	---	---	
12	22	L.	0.49. 1	14.0	---	
		F.	1.15. -	---	---	
13	24	e.	2.18.50	---	---	
		L.	- .29.43	32.0	---	
		MN.	- .34.13	---	2.0	
		ME.	- .35. 8	---	3.5	
		F.	3.12. -	---	---	
14	25	L.	4.39.30	18.0	---	
		F.	5. 3. -	---	---	
15	26	L.	6.52.33	21.0-18.0	---	
		F.	7.16. -	---	---	
16	27	L.	16.40.17	18.0	---	
		F.	- .17. 0.	---	---	
17	28	L.	2.11.26	---	---	
		F.	- .34. -	---	---	
18	29	P.	9.24.33 *1	---	---	*1 Onde rapidissime.
		S.	- .25.43 *1	---	---	
		L.	- .26.11	18.0	---	
		MN.	- .27.31	---	8.0	
		ME.	- .27.46	---	9.5	
		F.	- .45. -	---	---	
19	29	P.	11.31.24	---	---	
		S.	- .32.31	---	---	
		F.	- .40. -	---	---	
20	30	iP.	3.57.38	---	---	Oltre la scossa principale, nei P. O.
		S.	4. 7.29	---	---	si ha movimento quasi continuo sino
		L.	- .17.27	28.0	---	a oltre ore 14, dovuto probabilmente
		M <sub>1</sub> N.	- .35.41	---	75.0	a scosse successive; ma riesce impos-
		M <sub>1</sub> E.	- .36.11	---	>115.0	sibile analizzarlo.
		M <sub>2</sub> N.	- .42.26	---	65.0	
		M <sub>2</sub> E.	- .44.46	---	>120.0	
		M <sub>3</sub> N.	- .51.31	---	55.0	
		M <sub>3</sub> E.	- .51.56	---	115.0	
		F.	7.30. -	---	---	

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
			H. m. s.			
21	Gennaio 31	iP?	5.14.56	---	---	
		S.	-.25.8	---	---	
		L.	-.33.1	32.0-21.0	---	
		MN.	6.8.56	---	4.5	
		ME.	-.9.16	---	5.0	
		F.	-.42.-	---	---	
22	Febbraio 15	iP?	2.13.25	---	---	
		S?	-.20.57	---	---	
		L.	-.26.31	28.0-25.0	---	
		MN.	-.48.33	---	13.0	
		ME.	-.46.16	---	5.5	
		F.	4.50.-	---	---	
23	18	e.	2.59.36	---	---	
		L.	3.17.13	15.0	---	
		F.	-.31.-	---	---	
24	20	eL.	7.36.27	18.0	---	
		F.	-.47.-	---	---	
25	20	P.	20.41.25	---	---	
		S.	-.50.56	---	---	
		L.	21.0.2	32.0	---	
		MN.	-.3.23	---	24.0	
		M <sub>1</sub> E.	-.11.18	---	10.0	
		M <sub>2</sub> E.	-.14.43	---	13.0	
		M <sub>3</sub> E.	-.26.53	---	8.0	
		F.	23.2.-	---	---	
26	21	eP?	11.6.14	---	---	
		S.	-.13.13	---	---	
		L.	-.34.5	31.0-18.0	---	
		MN.	-.43.15	---	2.5	
		ME.	-.43.55	---	1.0	
		F.	12.25.-	---	---	
27	22	eP?	6.2.10	---	---	
		S.	-.3.4	---	---	
		F.	-.11.-	---	---	
28	22	e.	8.10.39	---	---	
		L.	-.12.57	14.0	---	
		F.	-.20.-	---	---	

(Continua)

Dr. G. PENTA, Direttore.  
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### COSTANTI STRUMENTALI.

Pendoli orizzontali "Stiattesi,,,		Pendolo verticale.	
Massa pendolare . . . . .	Kg. 260	Massa pendolare . . . . .	Kg. 650
Periodo completo-Comp. N.	sec. 19,4	Periodo completo . . . . .	sec. 3,2
" " " E.	" 20,3	Ingrandimento . . . . .	1:50
Ingrandimento . . . . .	1:25	Velocità oraria . . . . .	cm. 100
Velocità oraria . . . . .	cm. 100		

Registrazione su carta affumicata.  
Le ore sono contate in T.m.E.C.

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**Febbraio - Marzo 1917.**

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Febbraio		H. m. s.			
29	22	eP?	10.37. 3	---	---	
		S.	- .46.56	---	---	
		L.	- .53. 4	31.0	---	
		MN.	11.13.47	---	3.0	
		ME.	- .18.52	---	2.0	
		F.	12.10. -	---	---	
30	23	e.	18.58. 3	---	---	
		L.	- .59.52	17.0	---	
		F.	19. 9. -	---	---	
31	25	e.	7. 3.40	---	---	
		S?	- . 9.35	---	---	
		L.	- .23.40	18.0	---	
		F.	8.35. -	---	---	
32	26	eL.	10.44.37	18.0	---	
		F.	- .56. -	---	---	
33	26	e.	11.35.42	---	---	
		L.	- .47.28	17.0	---	
		F.	12. 7. -	---	---	
34	27	eL.	17. 2.27	10.0	---	
		F.	- .18. -	---	---	
	Marzo					
35	3	e.	8.58. 0	---	---	
		L.	9. 0.42	12.0	---	
		F.	- .15. -	---	---	
36	3	eL.	11.26.26	18.0	---	
		F.	12. 4. -	---	---	
37	6	eP?	4.18.45	---	---	
		iS.	- .29.33	---	---	
		L.	- .41.48	21.0	---	
		M.	- .55.12	---	0.6	
		F.	5.24. -	---	---	
38	11	eL.	10.42. 0	12.0	---	
		F.	- .49. -	---	---	
39	14	P.	19.16.10	---	---	
		S?	- .19.36	---	---	
		L.	- .21. 0	21.0	---	
		MN.	- .21.43	---	2.0	
		ME.	- .22.53	---	1.0	
		F.	- .35. -	---	---	

**Marzo - Aprile 1917.**

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Marzo		H. m. s.			
40	15	P.	1.27. 5	---	---	
		iS.	- .37.26	---	---	
		L.	- .44.35	18.0	---	
		M <sub>1</sub> N.	2. 4.42	---	5.0	
		M <sub>1</sub> E.	- . 5.37	---	19.0	
		M <sub>2</sub> N.	- .10. 7	---	6.5	
		M <sub>2</sub> E.	- .13.27	---	8.0	
		F.	3.15. -	---	---	
41	15	eP?	19.38. 9	---	---	
		S?	- .47. 6	---	---	
		L.	- .56. 3	32.0-67.0	---	
		F.	21.20. -	---	---	
42	16	P?	11.10.36	---	---	
		S.	- .21.15	---	---	
		L.	- .29.35	18.0	---	
		M.	- .31.55	---	1.0	
		F.	12. 6. -	---	---	
43	18	P.	18.44. 0	---	---	
		S.	- .47.56	---	---	
		L.	- .51.12	21.0	---	
		MN.	- .54.50	---	2.0	
		ME.	- .55.50	---	1.2	
		F.	20.15. -	---	---	
44	21	e.	17.23. 4	---	---	
		L.	- .39.45	18.0	---	
		F.	18.18. -	---	---	
45	22	e.	4.45. 6	---	---	
		L.	- .50. 3	21.0	---	
		F.	5.35. -	---	---	
46	28	e.	22.47.12	---	---	
		S?	- .53. 7	---	---	
		L.	23. 4.31	19.0	---	
		F.	- .40. -	---	---	
47	29	eP?	3.28. 4	---	---	
		L.	- .42.36	19.0	---	
		M.	- .51. 5	---	0.7	
		F.	4.36. -	---	---	
	Aprile					
48	2	i.	3. 9.36	---	---	
		L.	- .12.21	14.0	---	
		F.	- .23. -	---	---	

Aprile 1917.

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MONCALIERI

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Latitudine Borcale: 44° 59' 52"  
Altitudine (Pendoli orizzontali) 238 m.

### COSTANTI STRUMENTALI.

Pendoli orizzontali "Stiattesi",,		Pendolo verticale.	
Massa pendolare . . . . .	Kg. 260	Massa pendolare . . . . .	Kg. 650
Periodo completo-Comp. N. . . . .	sec. 19,4	Periodo completo . . . . .	sec. 3,2
" " " " E. . . . .	" 20,3	Ingrandimento . . . . .	1:50
Ingrandimento . . . . .	1:25	Velocità oraria . . . . .	cm. 100
Velocità oraria . . . . .	cm. 100		

Registrazione su carta affumicata.  
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### ABBREVIAZIONI.

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- S. = Secondi
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Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Aprile		H. m. s.			
49	2	e. Sf L. F.	8. 4.32 - .16.18 - .31. 0 10.36. -	--- --- 14.0 ---	--- --- --- ---	
50	2	e. L. F.	12. 6.54 - .20.19 13.40. -	--- 18.0 ---	--- --- ---	
51	3	e. L. F.	14.29.35 - .35.25 - .15.15	--- 15.0 ---	--- --- ---	
52	3	eL. F.	15.45.43 16.10. -	18.0 ---	--- ---	
53	4	eP? S. L. MN. ME. F.	14.43.33 - .46.54 - .48.35 - .51.28 - .53.20 15. 6. -	--- --- 19.0 --- --- ---	--- --- --- 1.5 1.2 ---	
54	7	e. L. F.	21.36.47 - .55.10 23. 7. -	--- 18.0 ---	--- --- ---	
55	12	eP. S. L. F.	4.15. 4 - .24.16 - .35. 0 5.32. -	--- --- 26.0-18.0 ---	--- --- --- ---	
56	20	eL. F.	- . 4. 2 5. 6. -	14.0 ---	--- ---	
57	20	e. L. MN. ME. F.	11. 0.51 - .12. 7 - .14.11 - .14.16 - .41. -	--- 18.0 --- --- ---	--- --- 0.6 0.8 ---	
58	21	iP. iS. L. MN. ME. F.	1.58. 4 2. 4.36 - .10.27 - .11. 0 - .10.30 - .55. -	--- --- 23.0 --- --- ---	--- --- --- 2.5 2.0 ---	

(Continua)

Dr. G. PENTA, Direttore.  
G. LOVALDI Assistente.

Aprile 1917.

Numero	Data	Fase	Ora		Per.	Amp.	OSSERVAZIONI
			H. m. s.				
59	Aprile 21	L.	5.33.13		15.0	---	
		F.	6. 4. -		---	---	
60	21	e.	17. 1.25		---	---	
		L.	- .16.10		21.0	---	
		F.	19.15. -		---	---	
61	26	P.	10.36.59	*1	---	---	*1 Onde rapidissime.
		S.	- .37.37		---	---	
		L.	- .38. 4		23.0	---	
		MN.	- .39.23		---	7.5	
		ME.	- .38.32		---	15.0	
		F.	11.10. -		---	---	
62	26	eP?	14.17.16		---	---	
		S.	- .19.14		---	---	
		L.	- .20.28		19.0	---	
		MN.	- .22.48		---	3.5	
		ME.	- .21.34		---	3.0	
63	27	eP?	13.56.25		---	---	
		S?	- .57.13		---	---	
		F.	14. 4. -		---	---	
64	27	e.	20.49.56		---	---	
		L.	- .50.24		10.0	---	
		F.	- .57. -		---	---	
65	23	eL.	15.42. 2		14.0	---	
		F.	- .16. 6		---	---	
66	28	L.	19.43.15		14.0	---	
		F.	- .50. -		---	---	
67	29	eP.	13. 5.58		---	---	
		iS?	- .20.58		---	---	
		L.	- .30.38		21.0	---	
		MN.	- .35.25		---	4.0	
		ME.	- .36.20		---	5.0	
68	20	L.	18.54.37		14.0	---	
		F.	19.20. -		---	---	

Maggio 1917.

Numero	Data	Fase	Ora		Per.	Amp.	OSSERVAZIONI
			H. m. s.				
69	Maggio 1 2	iP.	19.46.53		18.0	---	
		S.	20. 4.42		21.0	---	
		L.	- .15.11		32.0	---	
		M <sub>1</sub> N.	- .58. 3		25.0	65.0	
		M <sub>1</sub> E.	21. 0.38		25.0	65.0	
		M <sub>2</sub> N.	- . 3.43		21.0	70.0	
		M <sub>2</sub> E.	- . 7.28		25.0	67.0	
		M <sub>3</sub> N.	- .10.40		21.0	80.0	
		M <sub>3</sub> E.	- .16.58		21.0	140.0	
		F.	0.45. -		---	---	
70	2	e.	2.51.31		---	---	
		L.	3.48.19		19.0	---	
		F.	4.45. -		---	---	
71	2	e.	4.55.52		---	---	
		L.	5.14.23		18.0	---	
		F.	6.40. -		---	---	
72	2	e.	6.56.34		---	---	
		L.	7. 7.25		18.0	---	
73	2	F.	8. 4. -		---	---	
		e.	15.30.43		---	---	
74	3	S?	- .46.11		---	---	
		L.	16.34.49		21.0	---	
		F.	17.42. -		---	---	
75	3	e.	7.55.56		---	---	
		L.	8. 2.48		19.0	---	
		F.	- .44. -		---	---	
76	4	e.	14. 0.59		---	---	
		L.	- .13.24		18.0	---	
		F.	15.12. -		---	---	
77	4	P.	2. 3.11		---	---	
		S.	- .16.16		---	---	
		L.	- .32.16		25.0	---	
		MN.	3.27.15		---	3.5	
		ME.	- .36.10		---	3.5	
78	5	F.	4.57. -		---	---	
		eL.	20.43.35		14.0	---	
79	4	F.	21.17. -		---	---	
		L.	19.41. 7		---	---	
80	5	F.	20. 7. -		---	---	
		L.	19.41. 7		---	---	

Maggio 1917.

Anno 1917.

N.º 4.

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Ingrandimento . . . . .	1:25	Velocità oraria . . . . .	cm. 100
Velocità oraria . . . . .	cm. 100		

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Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Maggio		H. m. s.			
79	7	eP?	0.15.12	---	---	
		S.	-.24.20	---	---	
		L.	-.51.25	28.0	---	
		MN.	1. 9.51	---	1.2	
		ME.	-. 4.48	---	1.6	
		F.	-.36.-	---	---	
80	9	eP.	17.14. 1	---	---	
		iS.	-.23.39	21.0	5.0	
		L.	-.31.38	28.0	---	
		M <sub>1</sub> N.	-.57.44	---	9.0	
		M <sub>1</sub> E.	-.59. 9	---	20.0	
		M <sub>2</sub> N.	18. 4.49	---	10.0	
		M <sub>2</sub> E.	-. 5. 3	---	19.0	
		F.	7 - ? -	---	---	
81	9	P?	19.21.12 *1	---	---	*1 Questi dati solo probabili, perchè il tracciato è molto confuso.
		L.	-.36.56	14.0	---	
		F.	20.16.-	---	---	
82	9	eP?	20.52.26 *1	---	---	
		S?	21. 1.47	---	---	
		F.	-.38.-	---	---	
83	9	e.	21.49.44 *1	---	---	
		L.	22.10.53	12.0	---	
		F.	-.50.-	---	---	
84	9	e.	22.55.28	---	---	
		S?	23. 7.21	---	---	
		L.	-.16.24	16.0	---	
		F.	24. 0.-	---	---	
85	12	P?	16.36.19	---	---	
		L.	-.37. 6	12.0	---	
		F.	-.38.-	---	---	
86	14/15	P.	23.20.50	---	---	
		S?	-.36.18	---	---	
		L.	-.55.45	18.0	---	
		F.	1.30.-	---	---	
87	17	eL.	20.54.42	18.0	---	
		F.	21. 8.-	---	---	
88	18	eL.	7.53.21	18.0	---	
		F.	8.23.-	---	---	

(Continua)

Dr. G. PENTA, Direttore.  
 G. LOVALDI Assistente.

Maggio 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Maggio		H. m. s.			
89	18	eL. F.	21.30.8 22.36.-	18.0 ---	--- ---	
90	19	e. L. F.	1.0.9 -.39.2 2.18.-	--- 18.0 ---	--- --- ---	
91	21	eP? F.	5.03.0 <sup>*1</sup> -.8.-	--- ---	--- ---	<sup>*1</sup> Onde rapidissime.
92	21	e. L. F.	10.25.57 -.36.52 .11.15-	--- 21.0 ---	--- --- ---	
93	23	eP. S. L. MN. ME. F.	6.49.30 -.51.22 -.52.25 -.55.0 -.53.48 7.35.-	--- --- 25.0 --- --- ---	--- --- --- 12.0 6.5 ---	
94	23	e. L. F.	21.5.15 -.7.39 -.26.-	--- 14.0 ---	--- --- ---	
95	23	eP? S? L. F.	22.59.40 23.6.48 -.15.45 -.44.-	--- --- 14.0 ---	--- --- --- ---	
96	21	e. L. F.	20.49.38 21.44.48 22.40.-	--- 25.0 ---	--- --- ---	
97	31	L. F.	7.57.49 8.14.-	14.0 ---	--- ---	
98	31	iP. iS. L. M <sub>1</sub> N. M <sub>1</sub> E. M <sub>2</sub> N. M <sub>2</sub> E. M <sub>3</sub> N. M <sub>3</sub> E. M <sub>4</sub> N. M <sub>4</sub> E. F.	9.59.37 10.9.37 -.22.27 -.35.12 -.32.32 -.39.17 -.38.37 -.43.54 -.44.27 -.47.27 -.53.13 12.55.-	--- --- 25.0-35.0 --- --- --- --- --- --- --- --- ---	--- --- --- 26.0 10.5 27.5 14.0 27.0 20.0 34.0 16.0 ---	

Giugno 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Giugno		H. m. s.			
99	2	e. S? L. F.	1.31.38 -.39.45 -.49.29 2.5.-	--- --- 14.0 ---	--- --- --- ---	
100	3	e. L. F.	2.51.40 -.53.55 3.10.-	--- 11.0 ---	--- --- ---	
101	4	eP? S? L. F.	2.16.34 -.19.29 -.21.49 -.35.-	--- --- 16.0 ---	--- --- --- ---	
102	4	P. S. L. MN. ME. F.	2.41.42 -.51.44 3.2.11 -.18.5 -.18.15 4.7.-	--- --- 23.0 --- --- ---	--- --- --- 1.0 0.5 ---	
103	5	eP? L. F.	12.59.6 13.16.42 -.54.-	--- 18.0 ---	--- --- ---	
104	6	e. F.	5.19.5 <sup>*1</sup> 6.5.-	--- ---	--- ---	<sup>*1</sup> Probabilmente questa e la seguente registrazione sono dovute ad una sola scossa; sono state tenute distinte, perchè cadono durante il cambiamento della zona.
105	6	L. F.	6.35.34 7.15.-	14.0 ---	--- ---	
106	7	P. S? L. F.	4.0.7 -.10.2 -.33.29 -.57.-	--- --- 18.0 ---	--- --- --- ---	
107	8	P. S. L. M <sub>1</sub> N. M <sub>1</sub> E. M <sub>2</sub> N. M <sub>2</sub> E. F.	2.4.45 -.14.53 -.20.38 -.44.14 -.44.15 3.5.45 2.59.15 4.15.-	--- --- 26.0 --- --- --- --- ---	--- --- --- 1.5 2.5 2.0 2.0 ---	
108	9	e. eL. F.	18.33.12 19.24.40 20.18.-	--- 16.0 ---	--- --- ---	



Giugno 1917.

# BOLLETTINO Meteorologico e Geodinamico

dell'Osservatorio del Real Collegio Carlo Alberto

MONCALIERI

## OSSERVAZIONI SISMICHE

POSIZIONE  
GEOGRAFICA

{ Longitudine Est da Greenwich: 7° 41' 43"  
{ Latitudine Boreale: 44° 59' 52"  
{ Altitudine (Pendoli orizzontali) 238 m.

### COSTANTI STRUMENTALI.

Pendoli orizzontali "Stiattesi",,		Pendolo verticale.	
Massa pendolare . . . . .	Kg. 260	Massa pendolare . . . . .	Kg. 650
Periodo completo-Comp. N. . . . .	sec. 19,4	Periodo completo . . . . .	sec. 3,2
» » » E. . . . .	» 20,3	Ingrandimento . . . . .	1:50
Ingrandimento . . . . .	1:25	Velocità oraria . . . . .	cm. 100
Velocità oraria . . . . .	cm. 100		

Registrazione su carta affumicata.  
Le ore sono contate in T. m. E. C.

### ABBREVIAZIONI.

- P. = Primi tremiti preliminari.
- S. = Secondi »
- L. = Onde lente.
- MN. = Massimo - Componente N.
- ME. = » » E.
- F. = Fine.
- e. = Emersio.
- i. = Impetus.
- Per. = Periodo completo in secondi.
- Amp. = Semi ampiezza in millim.
- O. = Pendoli orizzontali.
- V. = Pendolo verticale.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Giugno		H. m. s.			
109	10	P?	5.45.31	---	---	
		S.	- .55.27	---	---	
		L.	6. 8.21	25.0	---	
		F.	7.18. -	---	---	
110	12	eP.	19.44.49	---	---	
		S.	- .47. 9	---	---	
		L.	- .48.35	14.0	---	
		MN.	- .51.23	---	2.0	
		ME.	- .49.28	---	3.0	
		F.	20. 7. -	---	---	
111	13	iP.	8. 1.55	---	---	
		S?	- .20.26	---	---	
		L.	- .57.20	35.0-25.0	---	
		MN.	9.22.36	---	11.0	
		ME.	- .31.30	---	14.0	
		F.	12. 5. -	---	---	
112	16	eP?	27. 7.32	---	---	
		S?	- .23.38	---	---	
		L.	- .38.19	21.0	---	
		F.	23.57. -	---	---	
113	24	P.	21. 8.42	---	---	
		S?	- .21.15	---	---	
		L.	- .32. 5	19.0	---	
		F.	23. 8. -	---	---	
114	25	e.	14.13. 0	---	---	
		S?	- .14.24	---	---	
		L.	- .15.25	18.0	---	
		M.	- .16.22	---	2.5	
		F.	- .27. -	---	---	
115	26	iP.	7. 9.32	21.0	17.0	
		S.	- .32.21	21.0-25.0	42.0	Traccia molto confusa —
		L.	- .53.27	39.0-28.0	---	a ore 9.2.54 e 9.34.55 nel P.V. indizio
		MN.	8. 8.35 *1	25.0	>120.0	di altre due scosse.
		ME.	- .18.40	25.0	115.0	*1 La pennina è sbalzata fuori della
		F.	12.18. -	---	---	zona.
116	26	eP?	14.52.53	---	---	
		S?	15.18.50	---	---	
		L.	- .30. 5	16.0	---	
		F.	16.34. -	---	---	

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Dr. G. PENTA, Direttore.  
G. LOVALDI Assistente.

## Giugno 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
			H. m. s.			
117	Giugno 27	e.	0.31.57	---	---	
		L.	- .57.13	18.0	---	
		F.	1.50. -	---	---	
118	27	i.	13.49.39	---	---	
		L.	14. 8.18	21.0	---	
		F.	- .30. -	---	---	
119	28	eL.	16.20. 3	16.0	---	
		F.	36. 0. -	---	---	
120	29	eP?	9.49.15	---	---	
		L.	- .52. 2	18.0	---	
		F.	10.14. -	---	---	
121	29	e.	13.47.17	---	---	
		eL.	14.17.48	14.0	---	
		F.	16.10. -	---	---	
122	29	L.	17.57.12	14.0	---	
		F.	18.15. -	---	---	
123	29	L.	23.45.24	14.0	---	
		F.	- .59. -	---	---	
124	30	L.	12. 4.33	14.0	---	
		F.	- .48. -	---	---	
		P?	17.21. 5	---	---	
		S.	- .26. 8	---	---	
125	30	L.	- .30.21	18.0	---	
		F.	18.18. -	---	---	
		P.	19. 3. 6	---	---	
		S.	- .13.21	---	---	
126	30	L.	- .24.27	16.0	---	
		F.	20.25. -	---	---	
		eP.	17.58. 3	---	---	
		S?	18. 7.27	---	---	
127	Luglio 2	L.	- .16.52	19.0	---	
		M.	- .22. 2	---	1.0	
		F.	- .55. -	---	---	
		P.	1.51.32	---	---	
		S.	2. 1.53	---	---	
128	4	L.	- . 9.14	28.0-49.0	---	
		MN.	- .37.52	---	26.0	
		ME.	- .37.42	---	29.0	
		F.	4.18. -	---	---	
		P.	1.51.32	---	---	
		S.	2. 1.53	---	---	

## Luglio 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
			H. m. s.			
129	Luglio 4	Pe.	6.49.42	---	---	
		S.	7. 0. 4	---	---	
		L.	- .11.45	18.0-2.80	---	
		MN.	- .34.40	---	6.0	
		ME.	- .34.16	---	11.0	
		F.	8.20. -	---	---	
130	4	eP?	21.57.37	---	---	
		S?	22. 7.38	---	---	
		L.	- .16.43	18.0	---	
		F.	- .20. -	---	---	
131	4	e.	22.37.21	---	---	
		F.	23. 2. -	---	---	
132	4/5	e.	-23.31. 6	---	---	
		L.	- .48.42	19.0	---	
		F.	1.10. -	---	---	
133	5	e.	13.15.36	---	---	
		L.	- .35.54	16.0	---	
		F.	15. 8. -	---	---	
134	6	e.	1.52.15	---	---	
		L.	- .58.37	14.0	---	
		F.	3. 5. -	---	---	
135	7	e.	22. 8.29	---	---	
		S?	- .26.48	---	---	
		L.	- .43.47	18.0	---	
		F.	23.50. -	---	---	
136	7/8	e.	23.56. 9	---	---	
		L.	0.18.47	14.0	---	
		F.	2.15. -	---	---	
137	8	eP.	3. 1. 5	---	---	
		S.	- . 2.24	---	---	
		L.	- . 3.17	14.0	---	
		M.	- . 5.17	---	1.0	
		F.	- .17. -	---	---	
138	9	eP.	1.27. 6	---	---	
		S.	- .31.31	---	---	
		L.	- .34.55	14.0	---	
		MN.	- .36.20	---	1.0	
		ME.	- .36.10	---	3.5	
		F.	- .58. -	---	---	

Luglio 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Luglio		H. m. s.			
139	9	e. L. F.	14.22.39 - 44.31 15. 6. -	--- 14.0 ---	--- --- ---	
140	9	eL. F.	17. 9.25 18.44. -	18.0 ---	--- ---	
141	10	e. F.	16.41.28 17. 5. -	14.0 ---	--- ---	
142	10	eL. F.	17.55.22 18.16. -	15.0 ---	--- ---	
143	10	eL. F.	19. 2.21 - 47. -	15.0 ---	--- ---	
144	11	eP? S? L. F.	4.31.21 - 34.39 - 36.45 - 47. -	--- --- 14.0 ---	--- --- --- ---	
145	11	i. L. F.	14.57.10 15. 3. 5 - 14. -	--- 13.0 ---	--- --- ---	
146	12	eP. S? eL. Mn. Me. F.	0. 1.33 - 14.36 - 50.15 1. 9.31 - 10.20 - 50. -	--- --- 23.0 --- --- ---	--- --- --- 1.0 0.6 ---	
147	12	e. F.	12. 3.58 - 21. -	--- ---	--- ---	
148	12	e. L. F.	13.41.10 14. 6.43 15.25. -	--- 18.0 ---	--- --- ---	
149	15	iP. S? F.	4.48.52 *1 - 48.58 *1 - 51. -	--- --- ---	--- --- ---	*1 Onde rapidissime.
150	15	P. F.	5. 3.38 *1 4.20. -	--- ---	--- ---	

(Continua)

Dr. G. PENTA, Direttore.  
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# BOLLETTINO Meteorologico e Geodinamico

dell'Osservatorio del Real Collegio Carlo Alberto

MONCALIERI

## OSSERVAZIONI SISMICHE

POSIZIONE GEOGRAFICA { Longitudine Est da Greenwich: 7° 41' 43"  
{ Latitudine Boreale: 44° 59' 52"  
{ Altitudine (Pendoli orizzontali) 238 m.

### COSTANTI STRUMENTALI.

Pendoli orizzontali "Stiattesi,,,		Pendolo verticale.	
Massa pendolare . . . . .	Kg. 260	Massa pendolare . . . . .	Kg. 650
Periodo completo-Comp. N. . . . .	sec. 19,4	Periodo completo . . . . .	sec. 3,2
» » » E. . . . .	» 20,3	Ingrandimento . . . . .	1:50
Ingrandimento . . . . .	1:25	Velocità oraria . . . . .	cm. 100
Velocità oraria . . . . .	cm. 100		

Registrazione su carta affumicata.  
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### ABBREVIAZIONI.

- P. = Primi tremiti preliminari.
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Luglio 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Luglio		H. m. s.			
151	15	iP.	19. 5.29	---	---	
		S.	- .10.46	---	---	
		L.	- .14.42	19.0	---	
		MN.	- .23.35	---	1.0	
		ME.	- .20.25	---	0.8	
		F.	2. 5. -	---	---	
152	15	iP.	22.34. 7	---	---	
		S?	- .37.38	---	---	
		L.	- .40.50	11.0	---	
		F.	1. ?	---	---	
153	15	P.	22.53.34 *2	---	---	*2 Onde rapidissime su onde lente.
		S?	- .55.42	---	---	
		F.	23.30. -	---	---	
174	15	e.	23.35.11	---	---	
		F.	- .44. -	---	---	
155	15/16	e.	23.58.19	---	---	
		S?	0. 0.52	---	---	
		L.	- . 3.41	14.0	---	
		F.	- .21. -	---	---	
156	16	e.	19.59.33	---	---	
		L.	20. 4. 2	14.0	---	
		F.	- .37. -	---	---	
157	18	e.	8. 9.41	---	---	
		L.	- .39.57	21.0	---	
		F.	9.15. -	---	---	
158	23	eL.	7.51. 0	10.0	---	
		F.	- .56. -	---	---	
159	24	e.	17.24.30	---	---	
		L.	- .30.15	23.0	---	
		ME.	- .33.32	---	1.2	
		F.	- .50. -	---	---	
160	25	eP.	4.31.25	---	---	
		S.	- .41.32	---	---	
		L.	- .54.45	25.0	---	
		MN.	5. 9.45	---	2.0	
		ME.	- .11.25	---	1.5	
		F.	6. 9. -	---	---	
161	25/26	eP.	23.45. 3	---	---	
		S?	- .55.22	---	---	
		L.	0.14.57	16.0	---	
		F.	1. 3. -	---	---	

Luglio 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Luglio		H. m. s.			
162	27	P.	2.12.16 *3	---	---	*3 Traccia assai confusa.
		iS.	- .21. 8	---	---	
		L.	- .29.17	25.0-21.0	---	
		MN.	- .40.55	---	5.0	
		ME.	- .43.40	---	9.5	
		F.	? . ?	---	---	
163	27	eP.	4. 9.12 *3	---	---	
		S?	- .17.30	---	---	
		L.	- .26.20	25.0-35.0	---	
		MN.	- .57.25	---	5.5	
		ME.	- .55.50	---	15.0	
		F.	6.51. -	---	---	
164	27	iP?	17.35. 8	---	---	
		L.	- .47. 5	19.0	---	
		MN.	- .59.18	---	0.5	
		ME.	18. 1.10	---	0.8	
		F.	- .35. -	---	---	
165	28	e.	1. 7. 6	---	---	
		S?	- .16.13	---	---	
		L.	- .40.52	18.0	---	
		MN.	- .53. 0	---	1.0	
		ME.	- .51.37	---	1.0	
		F.	2.20. -	---	---	
166	28	eL.	2.57.54	19.0	---	
		F.	3.22. -	---	---	
167	29	eL.	14.48. 5	14.0	---	
		F.	15.38. -	---	---	
168	29	iP.	15.45. 2	---	---	
		iS.	- .55.32	---	---	
		L.	16. 5.55	26.0	---	
		MN.	- .27. 7	---	13.0	
		ME.	- .28.47	---	37.0	
		F.	17.45. -	---	---	
169	29/30	iP.	23. 7.55	---	---	
		S.	- .20.58	---	---	
		L.	- .37.56	39.0	---	
		MN.	0. 6. 5	---	21.0	
		ME.	- . 6. 0	---	26.0	
		F.	2.55. -	---	---	
170	30	eL.	14.54.16	10.0	---	
		F.	15.43. -	---	---	
171	30	L.	15.55.21	18.0	---	
		F.	16.15. -	---	---	

Luglio - Agosto 1917.

BOLLETTINO  
Meteorologico e Geodinamico

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MONCALIERI

OSSERVAZIONI SISMICHE

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> E. . . . .	20,3	Ingrandimento . . . . .	1:50
Ingrandimento . . . . .	1:25	Velocità oraria . . . . .	cm. 100
Velocità oraria . . . . .	cm. 100		

Registrazione su carta affumicata.  
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Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
			H. m. s.			
172	Luglio 30	e.	16.41.23	---	---	
		eL.	- .57.31	19.0-10.0	---	
		F.	18.17. -	---	---	
173	31	P.	1. 6. 4 *1	---	---	*1 Ora solo approssimata per cattivo funzionamento del cronografo.
		S.	- .16. 2	---	---	
		L.	- .25.27	21.0-35.0	---	
		MN.	- .39.45	---	11.0	
		ME.	- .40.10	---	19.0	
		F.	2.50. -	---	---	
174	31	P.	4.31.25 *1	---	---	
		S.	- .44.20	---	5.0	
		L.	- .54.18	23.0	---	
		MN.	- .56.50	---	4.0	
		ME.	- .57.45	---	3.0	
		F.	6.10. -	---	---	
175	31	L.	8.27.44 *1	18.0	---	
		F.	- .45. -	---	---	
	Agosto					
176	4	e.	19.12.58	---	---	
		S?	- .20.39	---	---	
		L.	- .38.30	14.0	---	
		F.	20.40. -	---	---	
177	5	iP.	17.10.37	---	---	
		S.	- .21.53	---	---	
		L.	- .37. 4	23.0	---	
		MN.	18.34.24	---	5.0	
		ME.	- .32.25	---	3.0	
		F.	19.53. -	---	---	
178	5	eP?	20. 1.42	---	---	
		S?	- .10.40	---	---	
		L.	- .28.16	16.0	---	
		F.	21. 8. -	---	---	
179	15	e.	21.29.52	---	---	
		S?	- .35.56	---	---	
		L.	- .44.42	14.0	---	
		F.	23.15. -	---	---	
180	17	eP?	0.19.57	---	---	
		S?	- .27.55	---	---	
		L.	1. 5.22	25.0	---	
		F.	- .30. -	---	---	

(Continua)

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## Agosto 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Agosto		H. m. s.			
181	19	eP?	5.35.54	---	---	
		S?	- .37.23	---	---	
		L.	- .38.43	18.0	---	
		F.	- .55. -	---	---	
182	21	P.	0. 5.43	---	---	
		S.	- . 8.19	---	---	
		L.	- . 9.59	19.0	---	
		MN.	- .12.46	---	6.0	
		ME.	- .11.31	---	4.0	
		F.	- .30. -	---	---	
183	21	P.	11.50.18	---	---	
		S.	- .54.51	---	---	
		L.	- .57.46	21.0	---	
		MN.	12. 2.11	---	1.4	
		ME.	- . 2. 6	---	1.5	
		F.	- .25. -	---	---	
184	21	P.	22.49.27	---	---	
		S.	- .57.33	---	---	
		L.	23. 7.36	21.0	---	
		MN.	- .13.32	---	2.5	
		ME.	- .10. 7	---	9.0	
		F.	24. 0. -	---	---	
185	24	L.	15.13.22	14.0	---	
		F.	- .27. -	---	---	
186	30	e.	4.36.27	---	---	
		L.	- .46.48	18.0	---	
		F.	? . ?	---	---	
187	30	eP?	5.26.33	---	---	
		S.	- .35.54	21.0	7.5	
		L.	- .44.53	28.0-42.0	---	
		M <sub>1</sub> N.	6. 9.39	25.0	14.0	
		M <sub>1</sub> E.	- .10.30	28.0	9.0	
		M <sub>2</sub> N.	- .14.20	21.0	18.0	
		M <sub>2</sub> E.	- .14.40	25.0	9.0	
		M <sub>3</sub> N.	- .22.10	19.0	11.0	
		M <sub>3</sub> E.	- .22. 0	19.0	8.5	
		F.	8.22. -	---	---	
188	31	P.	12.48.41	---	---	
		S.	- .58.41	21.0	---	
		L.	13. 7.14	32.0	---	
		MN.	- .21. 0	24.0	10.0	
		ME.	- .25.55	18.0	12.5	
		F.	15.30. -	---	---	

## Settembre 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
	Settembre		H. m. s.			
189	3	eL.	15.37.56	18.0	---	
		F.	- .45. -	---	---	
190	4	eP?	17.52.41	---	---	
		iS.	18. 1. 6	---	---	
		eL.	- .10.54	16.0	---	
		F.	- .30. -	---	---	
191	6	eP.	22.28.46	---	---	
		S.	- .29.13	---	---	*1 Onde rapidissime.
		L.	- .29.40	5.5	---	
		F.	- .31. -	---	---	
192	7	e.	6.27.10	---	---	
		L.	- .53.42	25.0	---	
		F.	7.30. -	---	---	
193	12	e.	2.40.54	---	---	
		L.	- .41.32	11.0	---	
		F.	3. 3. -	---	---	
194	12	e.	5.47.35	---	---	
		L.	- .49.48	11.0	---	
		F.	6. 7. -	---	---	
195	12	e.	7. 5.40	---	---	
		F.	- .17. -	---	---	
196	12	e.	9.56.23	---	---	
		L.	10. 2.46	18.0	---	
		F.	- .25. -	---	---	
197	12	eP?	17.17.45	---	---	
		S?	- .22.29	---	---	
		L.	- .31.15	21.0	---	
		F.	18. 6. -	---	---	
198	15	P.	10.23.54	---	---	
		iS.	- .31.20	21.0	---	
		L.	- .37.36	32.0	---	
		MN.	- .45.25	---	3.0	
		ME.	- .45.45	---	7.0	
		F.	11.50. -	---	---	
199	18	eP?	17. 6.16	---	---	
		L.	- .28.10	11.0	---	
		F.	- .52. -	---	---	
200	20	e.	4.10.14	---	---	
		S?	- .26.22	---	---	
		L.	5.27. 0	14.0	---	
		F.	6.25. -	---	---	

Settembre - Ottobre 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
			H. m. s.			
	Settembre					
201	24	iP?	21.29.5	---	---	
		L.	-39.20	14.0	---	
		F.	22.48.-	---	---	
202	28	eL.	16.52.43	10.0	---	
		F.	17.10.-	---	---	
203	28	L.	21.42.12	---	---	
		F.	22.5.-	---	---	
	Ottobre					
204	4	P.	10.32.33 *1	---	---	*1 Onde rapidissime.
		S.	-32.39 *1	---	2.0	
		F.	-33.32	---	---	
205	7	eP?	15.51.2	---	---	
		iS.	-59.35	---	---	
		L.	16.7.35	21.0	---	
		MN.	-11.0	---	1.2	
		ME.	-13.5	---	1.8	
		F.	17.5.-	---	---	
206	18	eP?	5.26.55	---	---	
		L.	-30.2	25.0	---	
		MN.	-32.10	---	1.5	
		ME.	-33.5	---	1.5	
		F.	6.10.-	---	---	
207	19	eL.	16.54.25	14.0	---	Da circa ore 16' del 19 a circa ore 8,30 del 20 molti gruppi di onde lente.
		F.	17.20.-	---	---	
208	19	e.	18.15.26	---	---	
		L.	-22.59	18.0	---	
		F.	19.12.-	---	---	
209	20	eL.	5.27.42	21.0	---	
		F.	6.22.-	---	---	
210	22	eL.	9.32.42	18.0	---	
		M.	-43.44	---	0.5	
		F.	11.10.-	---	---	
211	28	P.	7.2.36 *1	---	---	*1 Onde rapidissime.
		F.	3.28.-	14.0	---	
112	28	eP?	18.1.58	---	---	
		S.	-9.10	---	---	
		L.	-13.36	18.0	---	
		MN.	-22.30	---	1.5	
		ME.	-20.0	---	3.5	
		F.	19.14.-	---	---	

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# BOLLETTINO Meteorologico e Geodinamico

dell'Osservatorio del Real Collegio Carlo Alberto

MONCALIERI

## OSSERVAZIONI SISMICHE

POSIZIONE GEOGRAFICA { Longitudine Est da Greenwich: 7° 41' 43"  
Latitudine Boreale: 44° 59' 52"  
Altitudine (Pendoli orizzontali) 238 m.

### COSTANTI STRUMENTALI.

Pendoli orizzontali "Stiattesi,,"		Pendolo verticale.	
Massa pendolare . . . . .	Kg. 260	Massa pendolare . . . . .	Kg. 650
Periodo completo-Comp. N. . . . .	sec. 19,4	Periodo completo . . . . .	sec. 3,2
" " " " E. . . . .	" 20,3	Ingrandimento . . . . .	1:50
Ingrandimento . . . . .	1:25	Velocità oraria . . . . .	cm. 100
Velocità oraria . . . . .	cm. 100		

Registrazione su carta affumicata.  
Le ore sono contate in T. m. E. C.

### ABBREVIAZIONI.

- P. = Primi tremiti preliminari.
- S. = Secondi
- L. = Onde lente.
- MN. = Massimo - Componente N.
- ME. = " " E.
- F. = Fine.
- e. = Emersio.
- i. = Impetus.
- Per. = Periodo completo in secondi.
- Amp. = Semi ampiezza in millim.
- O. = Pendoli orizzontali.
- V. = Pendolo verticale.

Novembre 1917.

Novembre - Dicembre 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
			H. m. s.			
213	2	eS?	17.31.19	---	---	
		L.	- .56. 9	19.0	---	
		M.	18. 3.25	---	1.3	
		F.	- .28. -	---	---	
214	2	L.	19.51.22	12.0	---	
		F.	20.20. -	---	---	
215	4	P.	13.16.34	---	---	
		S.	- .26.58	---	---	
		L.	- .41.36	32.0-25.0	---	
		MN.	- .55.48	---	5.5	
		ME.	14. 6.53	---	4.5	
		F.	15. 7. -	---	---	
216	5	P.	23.47.54 *1	---	---	*1 Onde rapidissime.
		S.	- .48.45	---	---	
		L.	- .49.22	18.0	---	
		ME.	- .52.14	---	5.5	
		F.	24. 2. -	---	---	
217	7	e.	16.57.21	---	---	
		F.	17. 1. -	---	---	
218	11	e.	19. 9.32	---	---	
		F.	- .34. -	---	---	
219	16	P.	4.39.35	---	---	
		S?	- .53.31	---	---	
		L.	5.15.13	32.0-19.0	---	
		MN.	6. 2.46	---	30.0	
		ME.	6. 2.50	---	22.0	
220	16/17	P?	23.35.25	---	---	
		S?	- .44.35	---	---	
		L.	0.11.55	25.0	---	
		F.	- .45. -	---	---	
221	18	P.	4.13.49	---	---	
		S.	- .24.32	---	---	
		L.	- .47. 7	35.0	---	
		MN.	5. 7.43	---	2.5	
		ME.	- . 1. 5	---	4.0	
		F.	6.45. -	21.0	---	

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
			H. m. s.			
222	23	P?	5.30.27	---	---	
		S?	- .34.51	---	---	
		eL.	- .38.57	21.0	---	
		MN.	- .41.54	---	2.7	
		ME.	- .39.40	---	1.0	
		F.	6. 5. -	---	---	
223	24	e.	12.33.49	---	---	
		L.	13. 6. 0	25.0	---	
		F.	- .30. -	---	---	
224	28	eP.	11.23.52	---	---	
		S.	- .26.48	---	---	
		L.	- .28.10	21.0	---	
		MN.	- .30.36	---	7.5	
		ME.	- .32. 6	---	3.0	
		F.	12. 5. -	---	---	
225	28	e.	15.55.44	---	---	
		S?	16. 4.36	---	---	
		L.	- .10.13	16.0	---	
		F.	- .35. -	---	---	
226	1	eP.	10.56.19	---	---	
		S.	11. 3.37	---	---	
		L.	- .10. 7	21.0	---	
		F.	- .35. -	---	---	
227	2	P.	18.40. 6 *1	---	---	*1 Onde rapidissime. *2 Onde rapidissime sovrapposte a onde più lente.
		S.	- .10.47 *2	---	---	
		MN.	- .41. 0	---	2.0	
		ME.	- .40.50	---	2.0	
		F.	- .50. -	---	---	
228	5	e.	14. 0. 8	---	---	
		S?	- . 5.50	---	---	
		L.	- .12.12	21.0	---	
		F.	- .50. -	---	---	
229	9	P.	22.41. 3 *1	---	---	P.V. *1 Onde rapidissime. *2 Onde rapidissime sovrapposte a onde più lente.
		S.	- .41.29 *1	---	---	
		M.	- .42. 0 *2	---	2.0	
		F.	- .47. 0	---	---	
230	21	P.	19. 6.26	---	---	
		S.	- .16.25	19.0	3.5	
		L.	- .25.19	25.0	---	
		MN.	- .45. 0	---	9.0	
		ME.	- .44.52	---	22.0	
		F.	21.15. -	---	---	



Dicembre 1917.

Numero	Data	Fase	Ora	Per.	Amp.	OSSERVAZIONI
			H. m. s.			
231	Dicembre 21	L.	21.26.24	18.0	---	
		F.	22. 4. -	---	---	
232	21	e.	22.14.13	---	---	
		L.	- .30.39	21.0	---	
		F.	23.17. -	---	---	
233	24	P.	10 17 10	---	---	
		S?	- .19.32	---	---	
		L.	- .21. 7	18.0	---	
		MN.	- .23.15	---	10.0	
		ME.	- .24.25	---	9.0	
		F.	11.15. -	---	---	
234	27	eP?	8.44.21	---	---	
		S?	- .47.46	---	---	
		L.	- .49.53	17.0	---	
		M.	- .51. 0	---	2.0	
		F.	9. 4. -	---	---	
235	28	P.	17. 6.20 *1	---	---	*1 Onde rapidissime.
		L.	- . 7.49 *2	7.0	---	*2 Onde rapidissime su altre più lente.
		M.	- . 8. 5	---	3.5	
		F.	- .18. -	---	---	
236	28	iP?	22.36.28	---	---	
		L.	- .51.44	25.0	---	
		MN.	23. 5.49	---	2.5	
		ME.	- . 6.19	---	5.0	
		F.	- .55. -	---	---	
237	29	P?	21.32. 0	---	---	Registrazione molto confusa a causa di movimenti microsismici.
		S?	- .44.21	---	---	
		L.	- .56.16	28.0	---	
		M.	- .22.30	---	5.0	
		F.	23.56. -	---	---	
238	30	iP.	0. 3.30	---	---	
		S.	- .14. 5	---	---	
		L.	- .23.31	32.0	---	
		MN.	- .50. 0	---	4.0	
		ME.	- .47.40	---	14.0	
		F.	2.58. -	---	---	
			<i>Fine.</i>			

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