

K A L O C S A.

BULLETIN SEISMIQUE - ANNEE 1949.

Latitude: 46° 31' 43''

Instrument: Pendule Wiechert horizontal
/masse 200 kg/

Longitude: 18° 58' 35''

V T $\epsilon : 1$ $\frac{r}{2}$
T

Altitude: 98 m

Sous-sol: Sédiment friable
alluvial.

| | | | | |
|--------|----|-----|-----|--------|
| A N | 55 | 3,0 | 5,4 | 0,0177 |
| A E | 56 | 3,1 | 4,8 | 0,0156 |

Janvier

| Date | Phase | H e u r e | | | Période | A m p l i t u d e | | △ | Remarques |
|------|-------|--------------|----|----|---------|-------------------|--------|----|-----------|
| | | de Greenwich | | | | A N | A E | | |
| | | h | m | s | s | μ | μ | km | |
| 14. | e | 15 | 57 | 16 | | | | | |
| N-S | e | | 58 | 54 | | | | | |
| | L | | 59 | 10 | | | | | |
| | M | | | 45 | 4 | 33 | | | |
| | F | 16 | 15 | | | | | | |
| E-W | e | 15 | 57 | 36 | | | | | |
| | e | | 58 | 45 | | | | | |
| | e | | | 55 | | | | | |
| | L | | 59 | 11 | | | | | |
| | M | 16 | 0 | | 4 | | 27 | | |
| | F | | 15 | | | | | | |
| 20. | e | 6 | 50 | 4 | | | | | |
| N-S | S | | | 43 | | | | | |
| | L | | 51 | 0 | | | | | |
| | M | | | 21 | 4 | 90 | | | |
| | F | 7 | 0 | | | | | | |
| E-W | e | 6 | 50 | 5 | | | | | |
| | S | | | 43 | | | | | |
| | L | | 51 | | | | | | |
| | M | | | 21 | 3 | | 30 | | |
| | F | 7 | 0 | | | | | | |
| 23. | e | 6 | 44 | 14 | | | | | |
| N-S | F | 7 | 5 | | | | | | |
| E-W | e | 6 | 44 | 9 | | | | | |
| | F | 7 | 5 | | | | | | |

Forte agi-
tation
microséis-
mique

| Date | Phase | H e u r e | | | Période | A m p l i t u d e | | | Remarques |
|------|-------|--------------|----|----|---------|-------------------|-------|----|-----------|
| | | de Greenwich | | | | A | A | △ | |
| | | h | m | s | s | N | E | km | |
| 24. | e | 9 | 35 | 34 | | μ | μ | | |
| N-S | F | | 40 | | | | | | |
| E-W | e | 9 | 35 | 49 | | | | | |
| | F | | 40 | | | | | | |

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Latitude: 46° 31' 43'' Instrument: Pendule Wiechert horizontal
/masse 200 kg/

Longitude: 18° 58' 35''

Altitude: 98 m

V T₀ ε:1 $\frac{r}{T_0}$

Sous-sol: Sédiment friable
alluvial.

| | | | | |
|--------|----|-----|-----|--------|
| A N | 54 | 3,0 | 5,0 | 0,0177 |
| A E | 57 | 3,1 | 5,1 | 0,0156 |

Février

| Date | Phase | H e u r e | | | Période | A m p l i t u d e | | Δ | Remarques |
|-----------|--------|--------------|----|----|---------|-------------------|--------|----|--|
| | | de Greenwich | | | | A N | A E | | |
| | | h | m | s | s | μ | μ | km | |
| 3. N-S | e | 22 | 31 | 0 | | | | | |
| | e | | | 35 | | | | | |
| | M F | 32 42 | 11 | | 5 | 34 | | | |
| E-W | e | 22 | 30 | 59 | | | | | |
| | e | | | 37 | | | | | |
| | M | 32 | 44 | | 3 | | 8 | | |
| | N F | 33 41 | 15 | | 5 | | 17 | | |
| 4. N-S | e | 15 | 48 | 51 | | | | | Forte agi- tation mi- croséismique |
| | e | | 49 | 27 | | | | | |
| | F | 55 | | | | | | | |
| E-W | e | 15 | 48 | 51 | | | | | " |
| | e | | 49 | 27 | | | | | |
| | M | 51 | 11 | | 4 | | 11 | | |
| | F | 55 | | | | | | | |
| 5. N-S | e | 0 | 32 | 48 | | | | | " |
| | e | | 33 | 25 | | | | | |
| | e | | 34 | 0 | | | | | |
| | F | 40 | | | | | | | |
| E-W | e | 0 | 32 | 39 | | | | | " |
| | e | | 33 | 21 | | | | | |
| | L | | 34 | 21 | | | | | |
| | M | | | 53 | 5 | | 16 | | |
| | F | 40 | | | | | | | |

| Date | Phase | H e u r e | | | P é r i o d e | A m p l i t u d e | | △ | Remarques |
|------|-------|--------------|------|----|---------------|-------------------|-----|---|-----------|
| | | de Greenwich | | | | A | A | | |
| | | h | m | s | | N | E | | |
| | | | | | | | | | |
| 13. | e | 18 | 44 | 34 | | | | | |
| N-S | e | | 45 | 7 | | | | | |
| | e | | 50 | 30 | | | | | |
| | F | 19 | 30 | | | | | | |
| E-W | e | 18 | 44 | 35 | | | | | |
| | e | | 45 | 7 | | | | | |
| | e | | 50 | 35 | | | | | |
| | F | 19 | 30 | | | | | | |
| 23. | eP | 16 | 16 | 36 | | | | | |
| N-S | e | | 18 | 30 | | | | | |
| | e | | 19 | 30 | | | | | |
| | i | | | 47 | | | | | |
| | eS? | | 27 | 4 | | | | | |
| | eL | | 33,5 | | | | | | |
| | M | | 34 | 46 | 6 | | 94 | | |
| | M | | 37 | | 10 | | 150 | | |
| | F | 17 | 25 | | | | | | |
| E-W | e | 16 | 16 | 35 | | | | | |
| | e | | 18 | 26 | | | | | |
| | e | | 19 | 17 | | | | | |
| | eS? | | 27 | 5 | | | | | |
| | eL | | 32,5 | | | | | | |
| | M | | 36 | 30 | 9 | | 214 | | |
| | M | | 37 | | 11 | | 300 | | |
| | F | 17 | 25 | | | | | | |

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/masse 200 kg/

Longitude: 18° 58' 35''

Altitude: 98 m

Sous-sol: Sédiment friable
alluvial.

| | V | T ₀ | ε:1 | $\frac{r}{2}$ T ₀ |
|--------|----|----------------|-----|---------------------------------|
| A N | 54 | 3,0 | 5,0 | 0,0177 |
| A E | 57 | 3,1 | 5,1 | 0,0156 |

Mars

| Date | Phase | Heure | | | Période | Amplitude | | Δ | Remarques |
|-----------|-------|--------------|------|----|---------|-----------|--------|------|-----------|
| | | de Greenwich | | | | A N | A E | | |
| | | h | m | s | s | μ | μ | km | |
| 4. N-S | e | 1 | 29 | 46 | | | | | |
| | e | | 40 | 32 | | | | | |
| | F | | 48 | | | | | | |
| E-W | e | 1 | 29 | 50 | | | | | |
| | e | | 40 | 15 | | | | | |
| | F | | 45 | | | | | | |
| 4. N-S | P | 10 | 26 | 41 | | | | 4200 | |
| | PP | | 27 | 57 | | | | | |
| | PPP | | 28 | 25 | | | | | |
| | i | | | 41 | | | | | |
| | i | | 29 | 17 | | | | | |
| | i | | 30 | 14 | | | | | |
| | S | | 32 | 29 | | | | | |
| | i | | | 37 | | | | | |
| | SSS | | 35 | 24 | | | | | |
| | i | | 36 | 21 | | | | | |
| | eL | | 37,5 | | | | | | |
| E-W | F | 11 | 25 | | | | | | |
| | P | 10 | 26 | 40 | | | | | |
| | PP | | 27 | 53 | | | | | |
| | PPP | | 28 | 17 | | | | | |
| | i | | | 24 | | | | | |
| | e | | 29 | 46 | | | | | |
| | S | | 32 | 26 | | | | | |
| | e | | | 37 | | | | | |
| | SSS | | 38 | 23 | | | | | |
| | e | | 38 | 15 | | | | | |
| | eL | | 37,5 | | | | | | |
| F | 11 | 25 | | | | | | | |

| Date | Phase | H e u r e | | | P é r i o d e | A m p l i t u d e | | △ | Remarques |
|------------|-------|--------------|----|----|---------------|-------------------|--------|----|-----------|
| | | de Greenwich | | | | A N | A E | | |
| | | h | m | s | s | μ | μ | km | |
| 27. N-S | eP | 6 | 48 | 6 | | | | | |
| | e | | 52 | 42 | | | | | |
| | e/S?/ | | 59 | 23 | | | | | |
| | eL | 7 | 25 | | | | | | |
| | F | 8 | 10 | | | | | | |
| E-W | eP | 6 | 48 | 7 | | | | | |
| | e | | 52 | 42 | | | | | |
| | e | | 58 | 31 | | | | | |
| | e | | 59 | 21 | | | | | |
| | eL | 7 | 25 | | | | | | |
| | F | 8 | 10 | | | | | | |

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Latitude: 46° 31' 43''

Longitude: 18° 58' 35''

Altitude: 98 m

Sous-sol: Sédiment friable
alluvial.

Instrument: Pendule Wieohert horizontal
/masse 200 kg/

| | V | T ₀ | ε:1 | $\frac{r}{T_0^2}$ |
|--------|----|----------------|-----|-------------------|
| A N | 55 | 3,0 | 6,0 | 0,0114 |
| A E | 63 | 3,1 | 5,7 | 0,0133 |

Avril

| Date | Phase | Heure de Greenwich | | | Période s | Amplitude | | △ km | Remarques |
|------------|-------|--------------------|----|----|--------------|-------------|-------------|---------|-----------|
| | | h | m | s | | A N μ | A E μ | | |
| 13. N-S | eP | 20 | 7 | 56 | | | | | |
| | e | | 11 | 25 | | | | | |
| | e | | 19 | 30 | | | | | |
| | F | | 45 | | | | | | |
| E-W | e | 20 | 7 | 57 | | | | | |
| | e | | 18 | 0 | | | | | |
| | e | | | 32 | | | | | |
| | F | | 55 | | | | | | |
| 20. N-S | e | 3 | 49 | 22 | | | | | |
| | e | | | 58 | | | | | |
| | e | | 54 | 33 | | | | | |
| | e | | 59 | 30 | | | | | |
| | eL | 4 | 30 | | | | | | |
| | F | 5 | 5 | | | | | | |
| E-W | e | 3 | 49 | 18 | | | | | |
| | e | | 52 | 0 | | | | | |
| | e | | 54 | 33 | | | | | |
| | e | | 59 | 22 | | | | | |
| | eL | 4 | 30 | | | | | | |
| | F | 5 | 5 | | | | | | |
| 24. N-S | e | 4 | 29 | 6 | | | | | |
| | e | | 30 | 35 | | | | | |
| | e | | 31 | 5 | | | | | |
| | e | | 34 | 49 | | | | | |
| | e | | 38 | 2 | | | | | |
| | eL | | 40 | | | | | | |
| | F | 5 | 0 | | | | | | |

| Date | Phase | H e u r e | | | A m p l i t u d e | | Période | △ | Remarques |
|------|-------|--------------|----|----|-------------------|-------|---------|---|-----------|
| | | de Greenwich | | | A | A | | | |
| | | h | m | s | N | E | | | |
| | | | | | μ | μ | s | | |
| E-W | e | 4 | 29 | 6 | | | | | |
| | e | | 30 | 33 | | | | | |
| | e | | 32 | 54 | | | | | |
| | e | | 34 | 39 | | | | | |
| | eL | | 40 | | | | | | |
| | F | 5 | 5 | | | | | | |
| 25. | e | 14 | 13 | 7 | | | | | |
| N-S | e | | 19 | 28 | | | | | |
| | F | | 45 | | | | | | |
| E-W | e | 14 | 12 | 50 | | | | | |
| | e | | 19 | 28 | | | | | |
| | e | | 22 | 8 | | | | | |
| | e | | 23 | 24 | | | | | |
| | F | | 50 | | | | | | |
| 25. | P | 23 | 13 | 17 | | | | | |
| N-S | e | | | 36 | | | | | |
| | e | | 16 | 33 | | | | | |
| | eL | | 21 | | | | | | |
| | F | | 30 | | | | | | |
| E-W | P | 23 | 13 | 16 | | | | | |
| | e | | 16 | 36 | | | | | |
| | eL | | 21 | | | | | | |
| | F | | 30 | | | | | | |
| 30. | eP | 1 | 36 | 56 | | | | | |
| N-S | e | | 40 | 56 | | | | | |
| | e | | 51 | 13 | | | | | |
| | eL | 2 | 10 | | | | | | |
| | F | | 35 | | | | | | |
| E-W | eP | 1 | 36 | 56 | | | | | |
| | e | | 47 | 18 | | | | | |
| | e | | 48 | 37 | | | | | |
| | e | | 51 | 14 | | | | | |
| | eL | 2 | 10 | | | | | | |
| | F | | 35 | | | | | | |

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BULLETIN SEISMIQUE - ANNEE 1949.

Latitude: 46°31' 43''

Instrument: Pendule Wiechert horizontal
/masse 200 kg/

Longitude: 18°58' 35''

V T₀ ξ:1 $\frac{r}{2}$
T₀

Altitude: 98 m

Sous-sol: Sédiment friable
alluvial.

A
N 54 3,0 5,2 0,0114

A
E 57 3,08 5,3 0,0137

Mai

| Date | Phase | Heure | | | Période | Amplitude | | △ | Remarques | | |
|------|-------|--------------|----|----|---------|----------------|----------------|----|-----------|----|----|
| | | de Greenwich | | | | A _N | A _E | | | | |
| | | h | m | s | s | μ | μ | km | | | |
| 3. | P | 6 | 8 | 28 | | | | | | | |
| | N-S | | | e | | | | | | 18 | 29 |
| | | | | F | | | | | | 30 | |
| E-W | P | 6 | 8 | 28 | | | | | | | |
| | | | | e | | | | | | 18 | 28 |
| | | | | e | | | | | | 19 | 26 |
| | | | | F | | | | | | 30 | |
| 9. | eP | 13 | 48 | 18 | | | | | | | |
| | N-S | | | F | | | | | | 14 | 40 |
| E-W | P | 13 | 48 | 18 | | | | | | | |
| | | | | e | | | | | | 50 | 58 |
| | | | | e | | | | | | 58 | 32 |
| | | | | F | | | | | | 14 | 40 |
| 13. | e | 20 | 16 | 54 | | | | | | | |
| | N-S | | | e | | | | | | 20 | 15 |
| | | | | e | | | | | | 21 | 12 |
| | | | | L | | | | | | 22 | 17 |
| | | | | F | | | | | | 35 | |
| E-W | e | 20 | 16 | 54 | | | | | | | |
| | | | | e | | | | | | 20 | 48 |
| | | | | L | | | | | | 22 | 22 |
| | | | | F | | | | | | 35 | |

| Date | Phase | H e u r e de Greenwich | | | Période s | A m p l i t u d e | | △ km | Remarques |
|------------|-------|---------------------------|----|----|--------------|-------------------|-------------|---------|-----------|
| | | h | m | s | | A N μ | A E μ | | |
| 14. N-S | e | 15 | 17 | 39 | | | | | |
| | e | | 21 | 13 | | | | | |
| | F | | 30 | | | | | | |
| E-W | e | 15 | 17 | 41 | | | | | |
| | e | | 21 | 16 | | | | | |
| | F | | 30 | | | | | | |
| 21. | e | 21 | 52 | 42 | | | | | |
| | F | 22 | 15 | | | | | | |
| 25. N-S | e | 8 | 32 | 11 | | | | | |
| | e | | 35 | 35 | | | | | |
| | e | | 42 | 14 | | | | | |
| | eL | | 45 | | | | | | |
| | F | 9 | 10 | | | | | | |
| E-W | e | 8 | 32 | 11 | | | | | |
| | e | | 33 | 54 | | | | | |
| | e | | 35 | 35 | | | | | |
| | e | | 42 | 13 | | | | | |
| | eL | | 49 | | | | | | |
| | F | 9 | 10 | | | | | | |

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Latitude: 46° 31' 43''

Instrument: Pendule Wiechert horizontal /masse: 200 kg/

Longitude: 18° 58' 35''

Altitude: 98 m

Sous-sol: Sédiment friable alluvial.

| | V | T ₀ | ξ:1 | $\frac{r}{2T_0}$ |
|--------|----|----------------|-----|------------------|
| A N | 56 | 2,95 | 5,2 | 0,0161 |
| A E | 56 | 3,1 | 6,4 | 0,0136 |

Juin

| Date | Phase | Heure de Greenwich | | | Période s | Amplitude | | | Remarques |
|------|--------|--------------------|----|----|--------------|---------------------|---------------------|-----------|-----------|
| | | h | m | s | | A _N μ | A _E μ | Δ km | |
| 17. | e F | 4 | 24 | 24 | | | | Agitation | |
| 24. | eP | 22 | 51 | 59 | | | | | |
| N-S | S | 23 | 2 | 54 | | | | | |
| | e | | 3 | 16 | | | | | |
| | F | | 15 | | | | | | |
| E-W | eP. | 22 | 51 | 56 | | | | | |
| | e | | 55 | 34 | | | | | |
| | e | | 56 | 24 | | | | | |
| | e | 23 | 2 | 44 | | | | | |
| | e | | 3 | 16 | | | | | |
| | F | | 15 | | | | | | |
| 24. | e | 5 | 44 | 32 | | | | | |
| N-S | i | | 46 | 29 | | | | | |
| | e | | | 56 | | | | | |
| | L | | 47 | 14 | | | | | |
| | F | | 55 | | | | | | |
| E-W | e | 5 | 45 | 9 | | | | | |
| | e | | | 21 | | | | | |
| | e | | 46 | 19 | | | | | |
| | e | | | 30 | | | | | |
| | e | | | 59 | | | | | |
| | L | | 47 | 13 | | | | | |
| | M | | | 17 | 5 | | | | |
| | F | | 55 | | | 18 | | | |



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Longitude: 18° 58' 35''

/masse: 200 kg/

Altitude: 98 m

V T₀ ε:1 $\frac{r}{2}$
T₀

Sous-sol: Sédiment friable alluvial.

| | | | | |
|--------|----|------|-----|--------|
| A N | 56 | 2,95 | 6,0 | 0,0153 |
| A E | 57 | 3,1 | 5,9 | 0,0136 |

Juillet

| Date | Phase | H e u r e | | | Période | A m p l i t u d e | | | Remarque |
|-----------|-------|--------------|------|------|---------|-------------------|---|----|----------|
| | | de Greenwich | | | | A | A | Δ | |
| | | h | m | s | | N | E | km | |
| 2. N-S | e | 20 | 15 | 35 | | | | | |
| | eL | | 21 | 57 | | | | | |
| | F | 21 | 5 | 52,5 | | | | | |
| E-W | e | 20 | 15 | 21 | | | | | |
| | e | | 21 | 40 | | | | | |
| | eL | | 49 | | | | | | |
| | F | 21 | 5 | | | | | | |
| 4. N-S | e | 3 | 47 | 40 | | | | | |
| | e | | 48 | 24 | | | | | |
| | eS | | 53 | 7 | | | | | |
| | eL | | 59,5 | | | | | | |
| | F | 4 | 0 | | | | | | |
| E-W | e | 3 | 47 | 38 | | | | | |
| | eS | | 53 | 10 | | | | | |
| | eL | | 59 | | | | | | |
| | F | 4 | 0 | | | | | | |
| 7. N-S | e | 12 | 24 | 21 | | | | | |
| | e | | 28 | 39 | | | | | |
| | F | | 35 | | | | | | |
| E-W | e | 12 | 24 | 37 | | | | | |
| | F | | 35 | | | | | | |

| Date | Phase | H e u r e | | | Période | A m p l i t u d e | | | Remarques |
|------------|-------|--------------|------|----|---------|-------------------|--------|------|-----------|
| | | de Greenwich | | | | A N | A E | Δ | |
| | | h | m | s | s | μ | μ | km | |
| 10. N-S | P | 4 | 1 | 3 | | | | 4250 | |
| | e | | 2 | 31 | | | | | |
| | i | | | 55 | | | | | |
| | i | | 4 | 10 | | | | | |
| | eS | | 7 | 1 | | | | | |
| | eL | | 10 | | | | | | |
| | M | | 18 | | 10 | 500 | | | |
| M | | 20,5 | | 10 | 610 | | | | |
| M | | 21,5 | | 11 | 590 | | | | |
| F | | 6 | 5 | | | | | | |
| E-W | P | 4 | 1 | 1 | | | | | |
| | i | | 2 | 31 | | | | | |
| | i | | | 46 | | | | | |
| | i | | 3 | 29 | | | | | |
| | eS | | 7 | 0 | | | | | |
| | eL | | 10 | | | | | | |
| | M | | 20 | | 10 | | 625 | | |
| M | | 20,5 | | 10 | | 550 | | | |
| M | | 21,5 | | 11 | | 700 | | | |
| F | | 6 | 5 | | | | | | |
| N-S | eP | 14 | 21 | 34 | | | | | |
| | e | | 24 | 24 | | | | | |
| | F | | 35 | | | | | | |
| E-W | eP | 14 | 21 | 41 | | | | | |
| | e | | 23 | 8 | | | | | |
| | F | | 35 | | | | | | |
| N-S | P | 15 | 26 | 26 | | | | | |
| | e | | 28 | 6 | | | | | |
| | eS | | 33,5 | | | | | | |
| | F | | 42 | | | | | | |
| E-W | eP | 15 | 26 | 24 | | | | | |
| | e | | 27 | 58 | | | | | |
| | eS | | 33 | 6 | | | | | |
| | F | | 45 | | | | | | |
| N-S | eP | 15 | 56 | 43 | | | | | |
| | e | | 58 | 9 | | | | | |
| | e | | | 22 | | | | | |
| | e | 16 | 2 | 22 | | | | | |
| | eL | | 6,5 | | | | | | |
| M | | 17,5 | | 10 | 40 | | | | |

| Date | Phase | H e u r e | | | Période | A m p l i t u d e | | | Remarques |
|------|-------|--------------|------|----|---------|-------------------|---------------|----------|-----------|
| | | de Greenwich | | | | Δ N | Δ E | Δ | |
| | | h | m | s | s | μ | μ | km | |
| E-W | P | 15 | 56 | 43 | | | | | |
| | e | | 58 | 43 | | | | | |
| | e | 16 | 3 | 16 | | | | | |
| | eL | | 6 | | | | | | |
| | M | | 17 | | 11 | | 50 | | |
| N-S | P | 16 | 31 | 28 | | | | | |
| | i | | 33 | 4 | | | | | |
| | i | | | 22 | | | | | |
| | e | | 34 | 4 | | | | | |
| | e | | 35 | 33 | | | | | |
| | L | | 41,5 | | | | | | |
| | M | | 51 | | 10 | 80 | | | |
| | F | 17 | 25 | | | | | | |
| E-W | P | 16 | 31 | 26 | | | | | |
| | e | | 32 | 44 | | | | | |
| | e | | | 57 | | | | | |
| | i | | 33 | 57 | | | | | |
| | i | | 34 | 19 | | | | | |
| | e | | 35 | 38 | | | | | |
| | L | | 41,5 | | | | | | |
| | M | | 52 | | 9 | | 65 | | |
| | F | 17 | 30 | | | | | | |
| N-S | P | 17 | 49 | 39 | | | | | |
| | e | | 51 | 19 | | | | | |
| | e | | 52 | 19 | | | | | |
| | eL | 18 | 9 | | | | | | |
| | F | | 20 | | | | | | |
| E-W | P | 17 | 49 | 38 | | | | | |
| | e | | 51 | 9 | | | | | |
| | e | | 52 | 1 | | | | | |
| | eL | 18 | 9 | | | | | | |
| | F | | 20 | | | | | | |
| 23. | eP | 10 | 46 | 2 | | | | | |
| | F | 11 | 15 | | | | | | |
| N-S | P | 15 | 5 | 55 | | | | 1200 | |
| | i | | 6 | 39 | | | | | |
| | S | | 8 | 3 | | | | | |
| | L | | | 23 | | | | | |
| | i | | | 56 | | | | | |
| | M | | 11 | | 6 | 40 | | | |
| | F | | 50 | | | | | | |

| Date | Phase | H e u r e de Greenwich | | | Période s | A m p l i t u d e | | Δ km | Remarques |
|------|-------|---------------------------|----|----|--------------|-------------------|-------------|---------|-----------|
| | | h | m | s | | A N μ | A E μ | | |
| E-W | P | 15 | 5 | 57 | 8 | | 855 | | |
| | i | | 6 | 48 | | | | | |
| | S | | 8 | 3 | | | | | |
| | i | | | 26 | | | | | |
| | i | | | 56 | | | | | |
| M | | 10,5 | | | | | | | |
| F | | 50 | | | | | | | |
| 27. | e | 15 | 32 | 13 | | | | | |
| | F | | 50 | | | | | | |
| 30. | e | 17 | 50 | 4 | | | | | |
| N-S | e | | 52 | 33 | | | | | |
| | F | 18 | 5 | | | | | | |
| E-W | e | 17 | 50 | 45 | | | | | |
| | e | | 52 | 27 | | | | | |
| | F | 18 | 5 | | | | | | |

K A L O C S A.

ACKNOWLEDGED

BULLETIN SEISMIQUE - ANNEE 1949.

Latitude: 46° 31' 43''

Instrument: Pendule Wiechert
horizontal /masse: 200 kg./

Longitude: 18° 58' 35''

Altitude: 98 m

V T₀ ε:1 $\frac{r}{2}$
T₀

Sous-sol: Sédiment friable alluvial.

| | | | | |
|---|----|------|-----|--------|
| A | 56 | 2,95 | 5,4 | 0,0153 |
| N | | | | |
| A | 58 | 3,1 | 7,0 | 0,0136 |
| E | | | | |

Août

| Date | Phase | H e u r e | | | Période | A m p l i t u d e | | | Remarques |
|------------|-------|--------------|------|----|---------|-------------------|---|----|-----------|
| | | de Greenwich | | | | A | A | Δ | |
| | | h | m | s | s | μ | μ | km | |
| 6, N-S | eP | 0 | 55 | 26 | | | | | |
| | e | | | 33 | | | | | |
| | e | | 56 | 15 | | | | | |
| | F | 1 | 30 | | | | | | |
| E-W | e | 0 | 55 | 32 | | | | | |
| | e | | 56 | 19 | | | | | |
| | e | | 57 | 15 | | | | | |
| | F | 1 | 35 | | | | | | |
| 17. N-S | e | 18 | 46 | 15 | | | | | |
| | P | 18 | 48 | 23 | | | | | |
| | i | | | 43 | | | | | |
| | i | | 49 | 6 | | | | | |
| | i | | | 20 | | | | | |
| | S | | 52 | 9 | | | | | |
| | L | | 55 | | | | | | |
| | M | | 56,5 | | | | | | |
| | F | 19 | 35 | | 9 | 165 | | | |
| | | | | | | | | | 2270 |
| E-W | e | 18 | 46 | 35 | | | | | |
| | P | 18 | 48 | 23 | | | | | |
| | i | | | 41 | | | | | |
| | e | | | 58 | | | | | |
| | i | | 49 | 18 | | | | | |
| | i | | | 35 | | | | | |



| Date | Phase | H e u r e | | | P é r i o d e | A m p l i t u d e | | | Remarques |
|------------|-------|--------------|------|----|---------------|-------------------|--------|------|-----------|
| | | de Greenwich | | | | A N | A E | Δ | |
| | | h | m | s | s | μ | μ | km | |
| | S | | 52 | 9 | | | | | |
| | L | | 55 | | | | | | |
| | M | | 57,5 | | 9 | | 165 | | |
| | M | 19 | 0 | | 9 | | 165 | | |
| | F | | 35 | | | | | | |
| N-S | e | 20 | 49 | 35 | | | | | |
| | e | | 53 | 16 | | | | | |
| | F | 21 | 5 | | | | | | |
| E-W | e | 20 | 49 | 32 | | | | | |
| | e | | 53 | 15 | | | | | |
| | F | 21 | 5 | | | | | | |
| 22, N-S | eP | 4 | 13 | 14 | | | | 8650 | |
| | i | | | 24 | | | | | |
| | eS | | 23 | 8 | | | | | |
| | e | | | 31 | | | | | |
| | eL | | 37,5 | | | | | | |
| | M | | 41 | | 30 | | | | |
| | M | | 46,5 | | 24 | | | | |
| | F | 6 | 0 | | | | | | |
| E-W | e | 4 | 13 | 20 | | | | | |
| | e | | | 37 | | | | | |
| | i | | | 55 | | | | | |
| | e | | 16 | 14 | | | | | |
| | eS | | 23 | 20 | | | | | |
| | eL | | 37 | | | | | | |
| | M | | 44 | | 24 | | | | |
| | M | | 46 | | 20 | | | | |
| | F | 6 | 0 | | | | | | |

K A L O C S A.

BULLETIN SEISMIQUE - ANNEE 1949.

Latitude: 46° 31' 43''

Longitude: 18° 58' 35''

Altitude: 98 m

Sous-sol: Sédiment friable alluvial.

Instrument: Pendule Wiechert horizontal /masse: 200 kg/

| V | T_0 | $\xi : 1$ | $\frac{r}{T_0}$ |
|-----------|-------|-----------|-----------------|
| A 57 N | 2,92 | 5,6 | 0,0164 |
| A 57 E | 3,1 | 5,1 | 0,0145 |

Septembre

| Date | Phase | Heure de Greenwich | | | Période s | Amplitude | | | Remarques |
|------------|---------|--------------------|------|----|--------------|-------------------------|-------------------------|--------------------|-----------|
| | | h | m | s | | A _N μ | A _E μ | Δ km | |
| 14, N-S | e | 20 | 4 | 14 | | | | Debut incertain | |
| | e | | 5 | 36 | | | | | |
| | e | | 6 | 6 | | | | | |
| | e | | 15 | 23 | | | | | |
| | eL F | | 28 | | | | | | |
| | | 21 | 20 | | | | | | |
| E-W | e | 20 | 4 | 10 | | | | | |
| | e | | 5 | 33 | | | | | |
| | e | | 8 | 24 | | | | | |
| | e | | 14 | 49 | | | | | |
| | eL F | | 29,5 | | | | | | |
| | | 21 | 20 | | | | | | |
| 27, N-S | eP | 15 | 42 | 16 | | | | | |
| | e | | 52 | 3 | | | | | |
| | eL | 16 | 11,5 | | | | | | |
| | F | 17 | 0 | | | | | | |
| E-W | e | 15 | 42 | 37 | | | | | |
| | e | | 51 | 44 | | | | | |
| | eL | 16 | 13 | | | | | | |
| | F | 17 | 0 | | | | | | |

K A L O C S A .

BULLETIN SEISMIQUE - ANNEE 1949.

Latitude: 46° 31' 43''

Instrument: Pendule *Wiechert* horizontal
/masse: 200 kg./

Longitude: 18° 53' 35''

Altitude: 98 m

$$V \quad T_0 \quad \xi:1 \quad \frac{r}{T_0^2}$$

Sous-sol: Sédiment friable alluvial.

A 56 2,98 5,3 0,0157
N

A 57 3,08 5,5 0,0158
E

Octobre

| Date | Phase | H e u r e | | | P e r i o d e | A m p l i t u d e | | | Remarques |
|------|-------|--------------|------|----|---------------|-------------------|---|------|-----------------|
| | | de Greenwich | | | | A | E | △ | |
| | | h | m | s | s | μ | μ | km | |
| 4. | P | 10 | 30 | 32 | | | | | |
| N-S | P | | 31 | 15 | | | | 6600 | |
| | PP | | 32 | 34 | | | | | |
| | ePPP | | 33 | 55 | | | | | |
| | eS | | 38 | 35 | | | | | |
| | eL | | 57,5 | | | | | | |
| | F | 11 | 15 | | | | | | |
| E-W | P | 10 | 30 | 32 | | | | | |
| | ePP | | 32 | 35 | | | | | |
| | ePPP | | 33 | 56 | | | | | |
| | eS | | 38 | 41 | | | | | |
| | eL | | 57,5 | | | | | | |
| | F | 11 | 15 | | | | | | |
| N-S | e | 17 | 36 | 23 | | | | | |
| | i | | 38 | 28 | | | | | Début incertain |
| | F | | 45 | | | | | | |
| E-W | e | 17 | 36 | 26 | | | | | |
| | e | | 37 | 59 | | | | | |
| | F | | 45 | | | | | | |
| 7. | P | 12 | 15 | 11 | | | | | |
| N-S | PP | | 18 | 38 | | | | 9700 | |
| | S | | 25 | 56 | | | | | |
| | e | | 29 | 7 | | | | | |
| | F | | 45 | | | | | | |

| Date | Phase | H o u r s | | | Période | A m p l i t u d e | | | Remarques |
|-------------------|-------|-----------|-----------|----|---------|-------------------|---|----|-----------|
| | | de | Greenwich | | | N | E | Δ | |
| | | h | m | s | s | μ | μ | km | |
| E- ^{III} | n | 12 | 15 | 10 | | | | | |
| | e | | 18 | 51 | | | | | |
| | S | | 25 | 56 | | | | | |
| | e | | 28 | 22 | | | | | |
| | F | | 5 | | | | | | |
| 19. N-S | e | 21 | 20 | 26 | | | | | |
| | c | | 21 | 53 | | | | | |
| | eL | | 27 | | | | | | |
| | F | 22 | 40 | | | | | | |
| E- ^{III} | e | 21 | 20 | 11 | | | | | |
| | e | | 21 | 56 | | | | | |
| | eL | | 26,5 | | | | | | |
| | F | 22 | 35 | | | | | | |

K A L O C S A,

BULLETIN SEISMIQUE - ANNEE 1949.

Latitude: 46° 31' 43''

Instrument: Pendule Wiechert horizontal
/masse: 200 kg./

Longitude: 18° 58' 35''

Altitude: 98 m

V T₀ ε:1 $\frac{r}{T_0^2}$

Sous-sol: Sédiment friable alluvial.

| | | | | |
|--------|----|-----|-----|--------|
| A N | 54 | 3,0 | 5,0 | 0,0155 |
| A E | 57 | 3,1 | 5,1 | 0,0145 |

Novembre

| Date | Phase | Heure de Greenwich | | | Période s | Amplitude | | | Remarques |
|------------|------------------|-----------------------|------|----|--------------|-------------|-------------|---------|-----------|
| | | h | m | s | | A N μ | A E μ | Δ km | |
| 3. N-S | P | 1 | 24 | 17 | | | | | |
| | P ₀ P | | | 30 | | | | | |
| | eS | | 34 | 2 | | | | | |
| | eL | | 57 | | | | | | |
| | F | 2 | 5 | | | | | | |
| E-W | P | 1 | 24 | 17 | | | | | |
| | P ₀ P | | | 32 | | | | | |
| | e | | 27 | 12 | | | | | |
| | eS | | 33 | 53 | | | | | |
| | eL | | 53,5 | | | | | | |
| | F | 2 | 5 | | | | | | |
| 22. N-S | eP | 1 | 11 | 36 | | | | | |
| | e | | 12 | 5 | | | | | |
| | e | | 16 | 26 | | | | | |
| | e | | 19 | 5 | | | | | |
| | e | | 22 | 17 | | | | | |
| | F | | 55 | | | | | | |
| E-W | e | 1 | 11 | 42 | | | | | |
| | e | | 12 | 9 | | | | | |
| | e | | 16 | 42 | | | | | |
| | e | | 19,5 | | | | | | |
| | e | | 22 | 14 | | | | | |
| | F | | 55 | | | | | | |

| Date | Phase | H e u r e | | | P é r i o d e | A m p l i t u d e | | | R e m a r q u e s |
|------------|-------|--------------|----|----|---------------|-------------------|---|----|-------------------|
| | | de Greenwich | | | | A | A | △ | |
| | | h | m | s | s | μ | μ | km | |
| 23. N-S | e | 16 | 54 | 20 | | | | | |
| | o | | 56 | 17 | | | | | |
| | i | | | 58 | | | | | |
| | F | 17 | 15 | | | | | | |
| E-W | e | 16 | 54 | 20 | | | | | |
| | e | | 55 | 41 | | | | | |
| | o | | 56 | 19 | | | | | |
| | e | | 57 | 26 | | | | | |
| | F | 17 | 10 | | | | | | |
| 27. N-S | P | 9 | 2 | 10 | | | | | |
| | e | | 6 | 4 | | | | | |
| | F | 10 | 30 | | | | | | |
| E-W | eP | 9 | 2 | 20 | | | | | |
| | e | | 6 | | | | | | |
| | F | 10 | 30 | | | | | | |

K A L O C S A.

BULLETIN SEISMIQUE - ANNEE 1949,

Latitude: 46° 31' 43'' Instrument: Pendule Wiechert horizontal
 Longitude: 18° 58' 35'' /masse: 200 kg./

Altitude: 98 m

V T₀ ξ:1 $\frac{r}{T_e^2}$

Sous-sol: Sédiment friable alluvial.

A N 55 2,98 5,3 0,0157

A E 55 3,1 5,2 0,0136

Décembre

| Date | Phase | H e u r e | | | Période | A m p l i t u d e | | Δ | Remarques |
|------|-------|--------------|-----|----|---------|-------------------|-----|----|-----------|
| | | de Greenwich | | | | A N | A E | | |
| | | h | m | s | s | μ | μ | km | |
| 7. | e | 16 | 17 | 57 | | | | | |
| | N-S | | 21 | 20 | | | | | |
| | F | | 30 | | | | | | |
| E-W | e | 16 | 18 | 57 | | | | | |
| | o | | 20 | 3 | | | | | |
| | e | | | 56 | | | | | |
| | F | | 30 | | | | | | |
| 17. | o | 7 | 13 | 40 | | | | | |
| | N-S | | 15 | 2 | | | | | |
| | oL | | 35 | | | | | | |
| | M | 8 | 8 | 10 | 16 | | | | |
| E-W | F | | 40 | | | | | | |
| | o | 7 | 14 | 46 | | | | | |
| | o | | 15 | 3 | | | | | |
| | oL | | 53 | | | | | | |
| | M | 8 | 4,5 | | 19 | | | | |
| N-S | M | | 7 | | 22 | | | | |
| | F | | 35 | | | | | | |
| | e | 15 | 28 | 24 | | | | | |
| E-W | e | | 29 | 3 | | | | | |
| | eL | 16 | 9,5 | | | | | | Répliquo |
| | F | | 55 | | | | | | |
| E-W | o | 15 | 27 | 55 | | | | | |
| | o | | 29 | 13 | | | | | |
| | L | 16 | 1 | | | | | | |
| | F | | 55 | | | | | | |

| Date | Phaso | H o u r o | | | Période | A m p l i t u d e | | Δ | Remarques |
|------|-------------------------------------|--------------|----|----|---------|-------------------|---|----|-----------|
| | | de Greenwich | | | | A | A | | |
| | | h | m | s | s | μ | μ | km | |
| 26. | N-S e i F | 3 | 39 | 1 | | | | | |
| | | | | 15 | | | | | |
| | | | | 45 | | | | | |
| E-W | e i F | 3 | 37 | 41 | | | | | |
| | | | | 39 | 12 | | | | |
| | | | | 45 | | | | | |
| 29. | N-S oP i o e eL F | 3 | 16 | 37 | | | | | |
| | | | | 17 | 1 | | | | |
| | | | | 20 | 12 | | | | |
| | | | | 27 | 15 | | | | |
| | | | | 35 | | | | | |
| | | | 4 | 35 | | | | | |
| E-W | oP o i e e eL F | 3 | 16 | 37 | | | | | |
| | | | | 17 | 1 | | | | |
| | | | | | 22 | | | | |
| | | | | 20 | 6 | | | | |
| | | | | | 16 | | | | |
| | | | | 39 | | | | | |
| | | 4 | 30 | | | | | | |