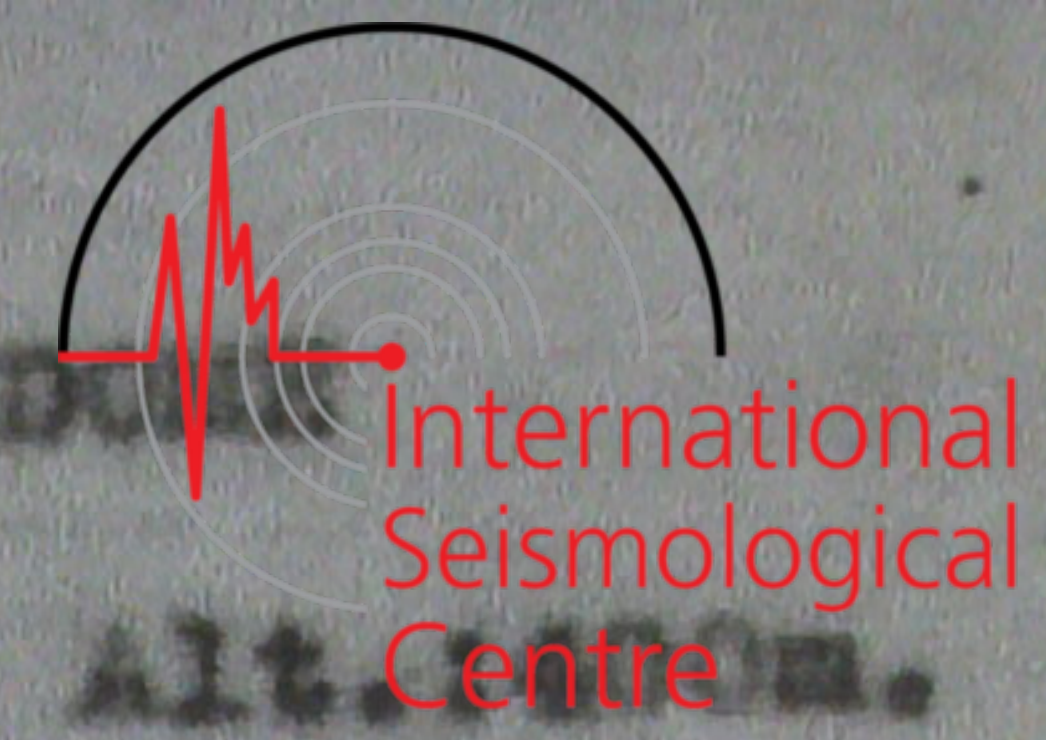


1/0
FEB 15 1952



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU FUY DE DUM

STATION SEISMOLOGIQUE : Coordonnées: $l=45^{\circ}45'46''N$ $L=05^{\circ}06'09''E$ Alt. 200m.

BULLETIN POUR LA PERIODE DU 1 AU 20 JANVIER 1952

| 5 Janv. | el | 05 | h.m. | s. | |
|---------|-----|----|------|----|---------------|
| 3 | 1 | 10 | 17 | 58 | |
| | 1 | 10 | 18 | 05 | |
| | 1 | 10 | 18 | 21 | |
| 12 | 1P | 20 | 24 | 00 | D = 9.300 Km. |
| | 1 | 20 | 24 | 12 | |
| | 1 | 20 | 24 | 28 | |
| | eS | 20 | 54,4 | | |
| | ePS | 20 | 35,3 | | |
| | eL | 20 | 54,1 | | |
| | MN | 21 | 10,0 | | |
| | ME | 21 | 12,0 | | |
| 13 | 1P | 04 | 17 | 10 | D = 9.300 Km. |
| | 1 | 04 | 19 | 11 | |
| | 1 | 04 | 19 | 54 | |
| | eS | 04 | 17,6 | | |
| | ePS | 04 | 30,3 | | |
| | eL | 04 | 45,0 | | |
| | ME | 04 | 42,0 | | |
| 13 | 1 | 21 | 52 | 03 | |
| | 1 | 21 | 52 | 16 | |
| | 1 | 21 | 52 | 43 | |
| | 1 | 21 | 53 | 08 | |
| | 1 | 21 | 53 | 18 | |
| 15 | 1 | 02 | 43 | 08 | |
| | 1 | 02 | 43 | 53 | |
| | 1 | 02 | 43 | 58 | |
| | 1 | 02 | 44 | 35 | |
| 18 | 1 | 01 | 38 | 22 | |
| | 1 | 02 | 39 | 48 | |
| | 1 | 02 | 40 | 09 | |
| | 1 | 02 | 40 | 13 | |
| | 1 | 02 | 40 | 38 | |

R

Forte agitation microsismique pendant cette période.

J. DE LAGAYE

FEB 15 1952

MAR 4 - 1952



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU PUY DE DOME

STATION SEISMOLOGIQUE: Coordonnées: l=45°45'46" N L: 03°06'09"E Alt. 400m

BULLETIN POUR LA PERIODE DU 21 AU 31 JANVIER 1952

| | | | | | |
|----------|-----|------------------|------------------|------------------|---------------|
| 21 Janv. | iP | 03 ^{h.} | 35 ^{m.} | 18 ^{s.} | D = 9.100 Km. |
| | i | 03 | 55 | 30 | h = 100 Km. |
| | ipP | 03 | 55 | 39 | |
| | esS | 04 | 05 | 45 | |
| | eL | 04 | 25,4 | | |
| 23 - | i | 03 | 40 | 02 | |
| | i | 03 | 40 | 06 | |
| | i | 03 | 40 | 32 | |
| | i | 03 | 41 | 37 | |
| | e | 04 | 04,5 | | |
| 25 - | i | 22 | 52 | 25 | |
| | i | 22 | 54 | 20 | |
| | i | 22 | 54 | 58 | |
| 28 - | i | 06 | 30 | 00 | |
| | i | 06 | 30 | 08 | |
| | i | 06 | 30 | 18 | |
| | i | 06 | 30 | 23 | |
| 30 - | i | 20 | 29 | 12 | |
| | i | 20 | 29 | 43 | |
| | i | 20 | 29 | 56 | |
| | i | 20 | 30 | 04 | |
| | i | 20 | 31 | 25 | |
| | i | 20 | 31 | 40 | |
| 30 - | iP | 21 | 04 | 48 | |
| | i | 21 | 05 | 02 | |
| | i | 21 | 05 | 19 | |
| | i | 21 | 05 | 46 | |
| | i | 21 | 06 | 14 | |
| | iPP | 21 | 06 | 50 | |
| | i | 21 | 07 | 16 | |
| | eS | 21 | 12 | 32 | |
| | eL | 21 | 16,7 | | |
| | ME | 21 | 27,1 | | |

COPY

D - 6 060

Agitation microsismique pendant cette période.

J. DE LAGAYE

MAR 11 1952

INSTITUT ET OBSERVATOIRE DES ETUDES DE GEOPHYSIQUE DU ROYAUME BELGE

-1-1-1-1-1-1-1-1-1-1-

STATION SEISMOLOGIQUE/Coordonnées:1-25°45'46"N L-05°06'00"E Alt.:1400 m.

BULLETIN POUR LA PERIODE DU 1 AU 30 FEVRIER 1962

| | | h. | m. | s. | | h. | m. | s. | |
|--------|------|----|------|----|----------|-----|----|------|-------------------------------------|
| 2 Fév. | i | 10 | 38 | 41 | :14 Fév. | i | 11 | 14 | 58 |
| | i | 10 | 38 | 41 | : | 1 | 11 | 15 | 58 |
| | i | 10 | 38 | 40 | : | | | | |
| | i | 10 | 38 | 43 | : | | | | |
| | | | | | :17 | el. | 18 | 18,5 | |
| 3 | - | 03 | 37 | 42 | : | | | | Agitation microseismique pendant ce |
| | i | 03 | 38 | 39 | : | | | | période |
| | i | 03 | 38 | 19 | : | | | | |
| | | | | | : | | | | |
| | | | | | : | | | | |
| 7 | - | 14 | 29 | 20 | : | | | | J. DE LAGAYE |
| | i | 14 | 29 | 26 | : | | | | |
| | i | 14 | 29 | 04 | : | | | | |
| | i | 14 | 29 | 53 | : | | | | |
| | i | 14 | 30 | 09 | : | | | | |
| | i | 14 | 30 | 15 | : | | | | |
| | i | 14 | 30 | 20 | : | | | | |
| | i | 14 | 30 | 53 | : | | | | |
| | | | | | : | | | | |
| 8 | - | 07 | 41 | 44 | | | | | |
| | i | 07 | 42 | 36 | | | | | |
| | i | 07 | 42 | 34 | | | | | |
| | i | 07 | 43 | 44 | | | | | |
| | i | 07 | 43 | 51 | | | | | |
| | i | 07 | 43 | 00 | | | | | |
| 11 | - | 07 | 17 | 33 | | | | | |
| | ePP | 07 | 17 | 41 | | | | | |
| | i | 07 | 18 | 34 | | | | | |
| | i | 07 | 18 | 39 | | | | | |
| | i | 07 | 18 | 57 | | | | | |
| | i | 07 | 19 | 25 | | | | | |
| | 1pPP | 07 | 20 | 18 | | | | | |
| | i | 07 | 20 | 58 | | | | | |
| 13 | - | 02 | 14 | 18 | | | | | |
| 14 | - | 03 | 58 | 27 | | | | | |
| | e | 03 | 59 | 03 | | | | | D = 13.500 |
| | ePKF | 03 | 59 | 17 | | | | | |
| | eSKF | 03 | 59 | 46 | | | | | |
| | e | 04 | 00 | 32 | | | | | |
| | e | 04 | 00 | 54 | | | | | |
| | ePPF | 04 | 01 | 21 | | | | | |
| | e | 04 | 02 | 48 | | | | | |
| | el. | 04 | 08,7 | | | | | | |
| | ME | 04 | 18,8 | | | | | | |
| | ME | 04 | 51,4 | | | | | | |
| | F | 06 | 12 | | | | | | |

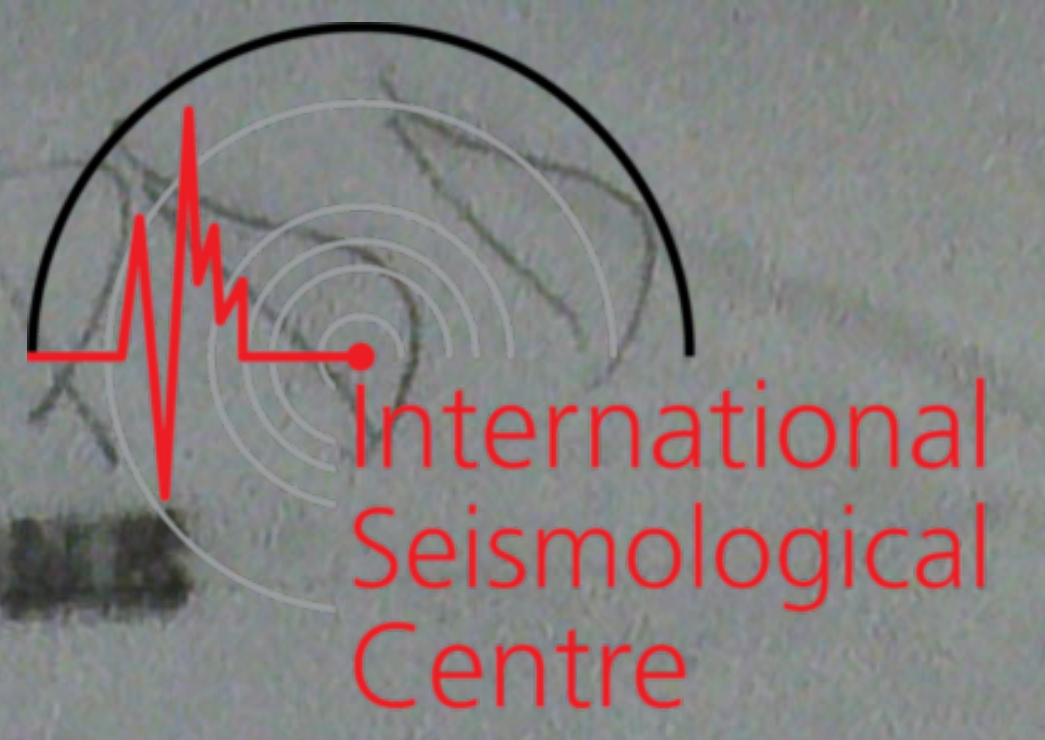
Dilatation

COPY

D = 11 100

k = 700

D = 13.500



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU PUY DE DOME
 STATION SEISMOLOGIQUE: Coordonnées: 1-45°45'45"N L:03°06'09"E Alt. : 400m

BULLETIN POUR LA PERIODE DU 21 AU 29 FEVRIER 1952

| Date | Traces | Time | Station | Time | Station | Time | Station | Distance |
|-----------|-------------------|---|------------|---------|---------|---|------------|----------|
| 23 Fev. | traces | 00 ^h .47 ^m .56 ^s . | | 26 fev. | 1P | II ^h .43 ^m .31 ^s | D=10.000Km | |
| | | | | | 1pP | II 44 10 | D=250Km. | |
| | | | | | 1sP | II 44 37 | | |
| 23 - | 1 | SI 57 10 | | | 1 | II 46 34 | | |
| | 1 | SI 57 30 | | | 1PP | II 47 08 | | |
| | 1 | SI 58 19 | | | eS | II 53 59 | | |
| | 1 | SI 59 02 | | | 1eS | II 55 42 | | |
| 24 - | 1P ^h | SI 27 09 | | | eSS | II 59 58 | | |
| | 1 | SI 27 59 | D= 540 Km. | | eSSS | IS 01 58 | | |
| | 1S | SI 28 18 | | | e | IS 02 40 | | |
| | 1 | SI 28 24 | | | eL | IS 09, I | | |
| | F | SI 33 | | | F | dans l'agitation | | |
| 25 - | 1PKP ₁ | OI 36 52 | | 26 - | 1P | IS 51 54 | | |
| | 1 | OI 36 58 | | | 1 | IS 52 03 | D=9.550Km. | |
| | 1PKP ₂ | OI 37 15 | | | eS | IS 02 10 | | |
| | 1 | OI 38 03 | | | ePS | IS 03 00 | | |
| | ePP | OI 40 35 | | | eSS | IS 08,0 | | |
| | 1 | OI 42 29 | | | eL | IS 18,0 | | |
| | e | OI 43 24 | | | MK | IS 22,2 | | |
| | ME | OS 41 | | | F | I7 00 | | |
| | F | OS 28 | | | | | | |
| 25 traces | | OS 06 53 | G.P. | 26- | 1 | IS 13 14 | | |
| | | | | | 1 | IS 13 36 | | |
| 25 - | e | OS 15 25 | | 26 - | 1 | SI 26 28 | | |
| | 1 | OS 15 29 | | | eL | SS 28 | | |
| | 1 | OS 15 45 | | | | | | |
| | | | | 27 - | e | II 44 36 | | |
| | | | | | e | II 45 00 | | |
| | | | | | e | II 47 10 | | |
| | | | | 27 - | e | II 55 40 | | |
| | | | | 28 - | traces | 00 46 | | |

DE LAGAYE

COPY
 MAR 27 1952

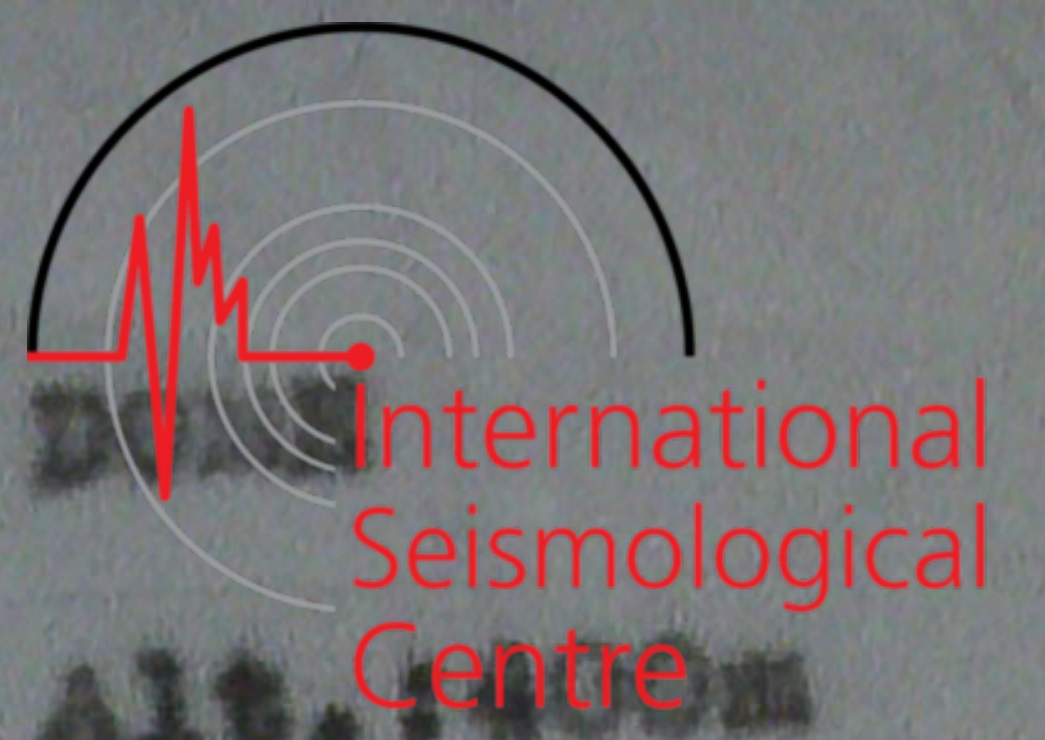


BULLETIN POUR LA PERIODE DU 1 AU 31 MARS 1952

| | h. | m. | s. | | h. | m. | s. | |
|------------|-----|------|----|--------------|----------|------|------|----|
| I Mars e | 15 | 43 | 40 | :I2 Mars i | 12 | 18,5 | | |
| | | | | | 12 | 27,2 | | |
| I - Traces | 22 | 02 | | :I3 - Traces | 06 | 34 | | |
| 2 - e | 04 | 21 | 30 | | 06 | 42,7 | | |
| e | 04 | 21 | 43 | | | | | |
| e | 04 | 25 | 46 | :I3 - e | 14 | 11 | 30 | |
| 3 - Traces | 19 | 05 | | | 14 | 14 | 48 | |
| | | | | | 14 | 15 | 17 | |
| 4 - 1P | 01 | 35 | 22 | D=9.600 Km. | :I4 - | | | |
| i | 01 | 35 | 32 | | | 09 | 32 | 06 |
| i | 01 | 39 | 23 | | | 09 | 32 | 27 |
| i | 01 | 41 | 40 | :IK - IK | | | | |
| i | 01 | 42 | 52 | :I4 - eL | 21 | 42 | | |
| i | 01 | 44 | 47 | Dilatation | | | | |
| MS | 01 | 46 | 38 | :I5 - eL | 12 | 13,7 | | |
| e | 01 | 47 | 03 | | | | | |
| i | 01 | 48 | 16 | :I8 - i | 11 | 16 | 00 | |
| i | 01 | 49 | 00 | | 11 | 16 | 57 | |
| e | 01 | 50 | 33 | | 11 | 19 | 18 | |
| eL | 02 | 09,5 | | | | | | |
| ME | (02 | 06) | | :I9 - 1P | 01 | 31 | 56 | |
| | | | | | 01 | 32 | 10 | |
| 4 - i | 16 | 43 | 40 | | 01 | 32 | 30 | |
| | 16 | 44 | 31 | | 01 | 32 | 55 | |
| 4 - eL | 17 | 18 | 10 | | 01 | 33 | 48 | |
| | | | | | 01 | 35 | 43 | |
| 4 - Traces | 20 | 49 | 00 | | eL | 01 | 39,3 | |
| | | | | | ME | 01 | 43,3 | |
| 4 - 1P | 20 | 08 | 58 | | | | | |
| i | 20 | 09 | 02 | :I9 - e | 11 | 11 | 52 | |
| i | 20 | 09 | 10 | | 11 | 11 | 40 | |
| i | 20 | 09 | 39 | | 11 | 15 | 35 | |
| i | 20 | 10 | 04 | | 11 | 15 | 52 | |
| i | 20 | 14 | 31 | | 11 | 16 | 24 | |
| eL | 20 | 38,2 | | | 11 | 16 | 40 | |
| ME | 20 | 45,3 | | | 12 | 04,7 | | |
| 4 - Traces | 21 | 02 | 20 | | 12 | 07,5 | | |
| | | | | | | | | |
| 5 - 1P | 04 | 01 | 49 | D=9.600 Km. | :22 - eL | 17 | 36 | |
| i | 04 | 02 | 07 | | | | | |
| eS | 04 | 12 | 25 | :22 - eL | 19 | 12 | | |
| | | | | | | | | |
| 5 - eL | 04 | 46,2 | | :23 - eL | 16 | 54 | | |
| ME | 04 | 47,5 | | | | | | |
| | | | | :25 - e | 03 | 39 | 27 | |
| 5 - eL | 10 | 13,6 | | | | | | |
| ME | 10 | 13,3 | | :25 - e | 04 | 27 | 37 | |
| | | | | | 04 | 27 | 44 | |
| | | | | | 04 | 28 | 51 | |

COPY

10 MAY 1952



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU PUY DE DOME

STATION SEISMOLOGIQUE : Coordonnées: $1-45^{\circ}45'48''$ N $L-03^{\circ}06'09''$ E Alt. 1400m

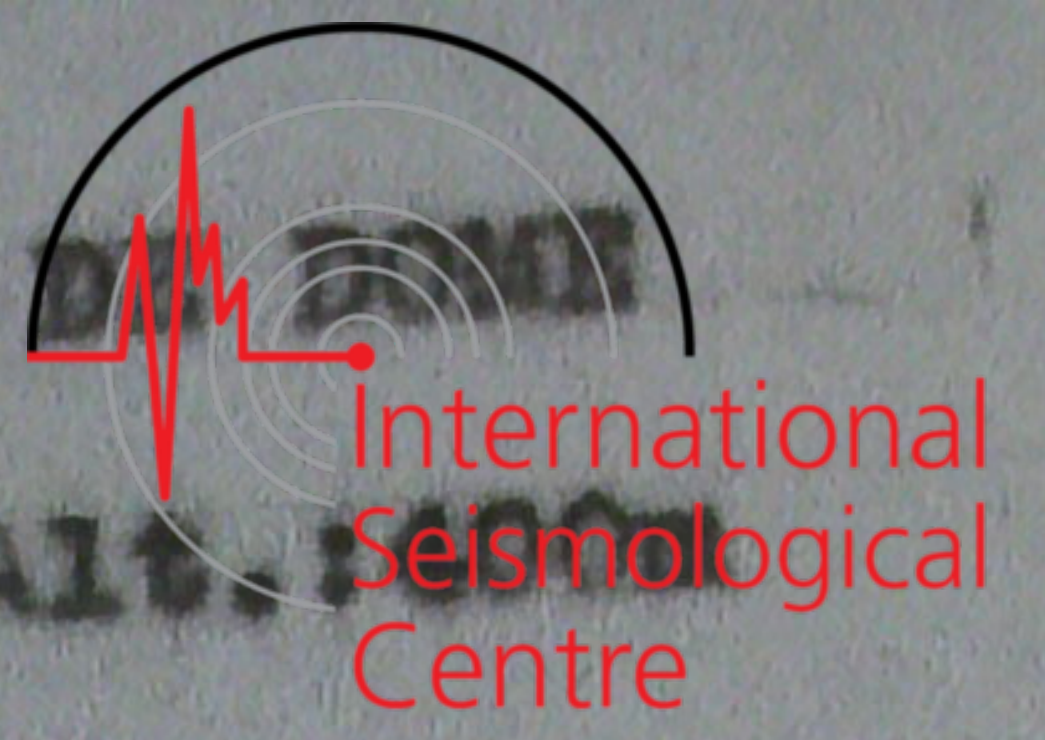
BULLETIN POUR LA PERIODE DU 1 AU 30 AVRIL 1952

| Date | Time | Type | Mag | Depth (km) | Distance (km) | Station | Mag | Depth (km) | Distance (km) | | | |
|---------|--------|------|------|----------------|---------------|---------|----------|--|---------------|------|----|---------|
| 3 Avril | 1 | IS | 27 | 40 | | | 19 Avril | 1P | IO | IO | 31 | D= |
| | | IS | 28 | 29 | | | | 1 | IO | IO | 39 | |
| | | IS | 28 | 43 | | | | 1 | IO | II | 02 | S.100Km |
| 4 - | 1P | 03 | 05 | 09D-S. 960 Km. | | | | 1 | IO | II | 47 | |
| | i | 03 | 05 | 32 | | | | ePP | IO | IS | 24 | |
| | ipP | 03 | 05 | 33 | | | | e | IO | IS | 20 | |
| | i | 03 | 05 | 36 | | | | eS | IO | 20 | 02 | |
| | i | 03 | 06 | 00 | | | | ePS | IO | 20,5 | | |
| | e | 03 | 06 | 29 | | | | e | IO | 22,5 | | |
| | IS | 03 | 15 | 16 | | | | eL | IO | 32,0 | | |
| | eL | 03 | 35,5 | | | | | ME | IO | 37,0 | | |
| ME | 03 | 45,4 | | | | | | | | | | |
| 5 - | 1P | 00 | 06 | 27 D= 380 Km. | | | 19 - | Traces | 09 | 57 | | |
| | 1R 1P | 00 | 06 | 36 h = 25 Km. | | | | | | | | |
| | i | 00 | 06 | 45 | | | | eL | 12 | 21,5 | | |
| | 1R 1PS | 00 | 07 | 07 | | | | : Agitation microsismique pendant toute cette période. | | | | |
| | i | 00 | 08 | 47 | | | | | | | | |
| | i | 00 | 09 | 17 | | | | | | | | |
| 6 - | eL | 00 | 09 | 25 | | | | | | | | |
| | | | | | | | | | | | | |
| 7 - | Traces | 09 | 58,5 | | | | | | | | | |
| 8 - | Traces | 09 | 58,5 | | | | | | | | | |
| 9 - | Traces | 09 | 58,5 | | | | | | | | | |
| 10 - | eL | 06 | 49 | | | | | | | | | |
| | ME | 06 | 57,0 | | | | | | | | | |
| 14 - | Traces | 13 | 48 | | | | | | | | | |
| 14 - | i | 14 | 31 | 26 | | | | | | | | |
| | | 14 | 31 | 28 | | | | | | | | |
| | | 14 | 31 | 43 | | | | | | | | |
| 15 - | e | 00 | 18,4 | | | | | | | | | |
| | e | 00 | 19,4 | | | | | | | | | |
| | e | 00 | 48,3 | | | | | | | | | |
| 15 - | i | 06 | 12 | 28 | | | | | | | | |
| | i | 06 | 12 | 59 | | | | | | | | |
| | eL | 06 | 45,0 | | | | | | | | | |
| 15 - | e | 19 | 38 | | | | | | | | | |
| | eL | 19 | 45 | | | | | | | | | |

J. DE LAGAYE

MAY 9 1952

10
 JUN 23 1952



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU PUY DE L'AVOINE
 STATION SEISMOLOGIQUE : Coordonnées: $\lambda = 45^{\circ}45'48''$ N $L = 03^{\circ}06'09''$ E Alt. 1000m

BULLETIN POUR LA PERIODE DU 21 AVRIL AU 30 MAI 1952

| | | | h. m. s. | | | h. m. s. | | | | | | | | | |
|----|-------|---|----------|------|----------|----------|----------|---------------------------------------|-----|----------------------------|---|-------------------------------|------|----------------|----------------------------------|
| 24 | Avril | eL tra ces | 13 | 45 | | :13 | Maï | eP | 19 | 43 | 55 | D = 9.200Km. | | | |
| 25 | - | i | 03 | 44 | 20 | : | | e | 19 | 44 | 04 | | | | |
| 28 | - | 1P i eL | 11 | 06 | 55 11 | 07 | 49 | e e eL | 19 | 54,3 | | 12 i P 19 37 29 | | | |
| 29 | - | Traces | 01 | 05 | 18 | : | | eL MZE F | 20 | 00,3 03,5 10 13,7 | | i i eS 39 42 e 43 20 | | | |
| 29 | - | eP e eS eFS F dans l'agitation | 02 | 48 | 00 02 | 51 | 59 | Compression: D = 8.900Km: 58 06 | :14 | - | 1P i e eL ME F | 00 | 49 | 39 | Fin de l'agitation D = 12 100 |
| 29 | - | i i | 03 | 18 | 42 03 | 18 | 56 | | : | | | | | | |
| 1 | Maï | eL F | 16 | 40,2 | | 18 | 53 | | :16 | - | i i eL | 11 | 04 | 47 04 | 56 |
| 4 | - | eL F | 14 | 32,8 | | 15 | 25 | | :16 | - | eL F | 14 | 45,8 | | 53 |
| 6 | - | i F dans l'agitation | 23 | 41 | 32 | | | | :16 | - | 1P i i | 20 | 57 | 41 | D = 9.200 Km. |
| 8 | - | eL F | 02 | 48 | | 03 | 05 | | : | | eS e eSS | 21 | 08,0 | | 09,6 |
| 8 | - | e i eL F | 21 | 30 | 00 21 | 39 | 16 | | : | | eL F | 21 | 23,4 | | 04 |
| 9 | - | eL F | 04 | 56 | | 05 | 36 | | :17 | - | e eL MZ F | 10 | 01 | 10 | |
| 9 | - | i i i i i e eL MZ ME F | 18 | 06 | 57 18 | 07 | 15 07 | 57 | :19 | - | 1P i i eS eL ME MZ F | 18 | 45 | 01 04 24 | |
| | | | 18 | 10 | 04 | 18 | 10 | 23 | | | | 18 | 45 | 24 | |
| | | | 18 | 10 | 40 | | | | | | | 18 | 55,5 | | |
| | | | 18 | 21,5 | | | | | | | | 19 | 04,2 | | |
| | | | 18 | 45,2 | | | | | | | | 19 | 10,1 | | |
| | | | 19 | 03,4 | | | | | | | | 19 | 30,0 | | |
| | | | 19 | 10,0 | | | | | | | | 20 | 23 | | |

COPY

COPY

J. DE LAGAYE

JUN 24 1952

INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU PUY DE DOME

STATION SEISMOLOGIQUE: Coordonnées: L=45°45'46" N l= 03°06'09" E Alt.:400m

BULLETIN POUR LA PERIODE DU 21 AU 31 MAI 1952

| Date | Type | h. | m. | s. | Distance | Date | Type | h. | m. | s. | Distance |
|--------|-------|----|----|----|---------------|--------|------------------|----|----|----|-------------|
| 22 Mai | eP | 23 | 20 | 24 | | 25 Mai | eL ^{h.} | 07 | 54 | | |
| | eSKS | 23 | 29 | 58 | | | F | 08 | 10 | | |
| | eS | 23 | 31 | 22 | | | | | | | |
| | ePS | 23 | 42 | 35 | | 26 - | iP | 02 | 56 | 55 | |
| | eSS | 23 | 47 | 40 | D= 10.200 Km. | | ePP | 02 | 59 | 31 | |
| | LQ | 23 | 57 | 30 | | | ePPP | 03 | 01 | 18 | D=8.000Km. |
| | LR | 00 | 00 | | | | eS | 03 | 06 | 10 | |
| | M | 00 | 06 | 00 | | | eSS | 03 | 10 | 50 | |
| | F | 00 | 40 | | | | eSSS | 03 | 14 | 05 | |
| | | | | | | | IM | 03 | 30 | | |
| 23 - | L | 05 | 10 | | | | F | 04 | 10 | | |
| | F | 05 | 40 | | | | | | | | |
| 23 - | a | 22 | 46 | 35 | | 28 - | eP | 07 | 53 | 17 | |
| 24 - | iP | 02 | 11 | 29 | | 28 - | iP | 08 | 10 | 21 | |
| | e | 02 | 15 | 13 | | | iS | 08 | 20 | 32 | |
| | eSKS | 02 | 22 | 23 | | | iPS | 08 | 21 | 40 | D=9.500 Km. |
| | eSKKS | 02 | 23 | 15 | D= 11.500 Km. | | e | 08 | 25 | 13 | Foyer pro- |
| | eL | 02 | 46 | 30 | | | eSS | 08 | 26 | 35 | fond |
| | M | 02 | 50 | | | | eSSS | 08 | 30 | 20 | |
| | F | 03 | 25 | | | | IM | 08 | 49 | | |
| 24 - | eP | 16 | 18 | 18 | | | F | 09 | 10 | | |
| | eSKS | 16 | 29 | 29 | | 31 - | eL | 06 | 14 | | |
| | eS | 16 | 29 | 53 | D= 10.000 Km. | | IM | 06 | 36 | | |
| | eSS | 16 | 36 | 10 | Foyer profond | | F | 07 | 05 | | |
| | LQ | 16 | 45 | | | | | | | | |
| | F | 18 | 30 | | | | | | | | |

A. ROCHE

COPY

JUN 17 1952

2011-1-11 10:25



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU PUY DE DOME

STATION SEISMOLOGIQUE: Coordonnées = L 45°45'46" N L 03°06'09" E Alt. 1400m

BULLETIN POUR LA PERIODE DU 1er AU 11 JUILLET 1952

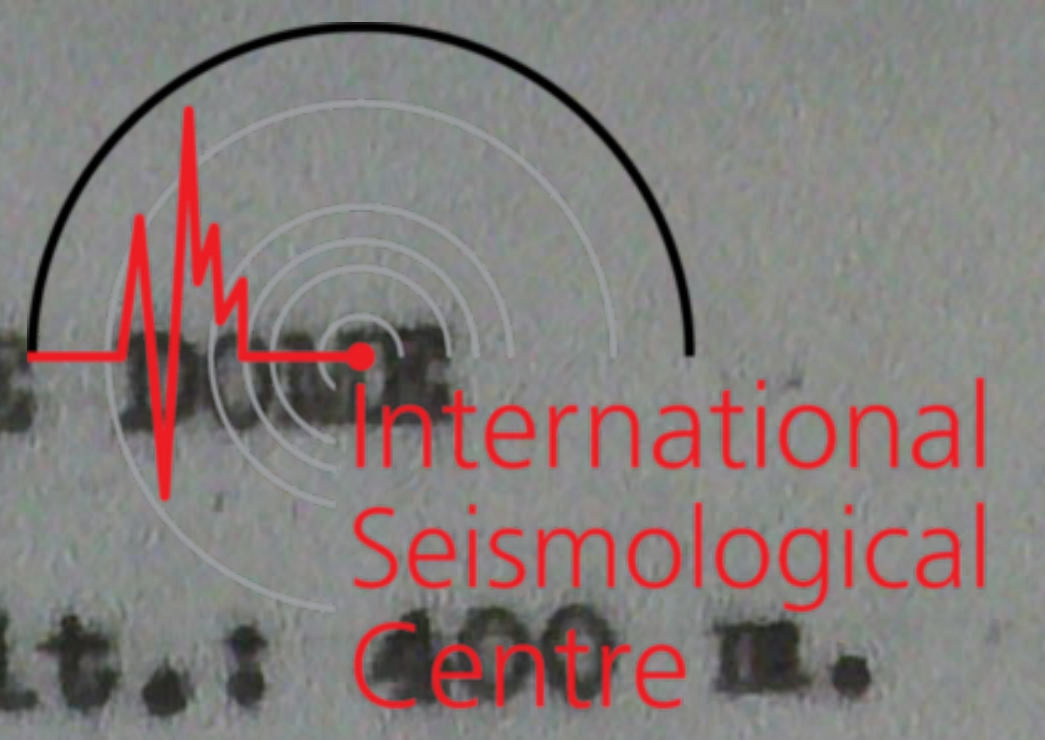
| I juin | e | 14 ^{h.} 48 ^{m.} 02 ^{s.} | | | : 18 Juin | eP _N XX | 21 ^{h.} 28 ^{m.} 47 ^{s.} | | |
|--------|----|--|----|-----------|-----------|--------------------|--|----|----------------|
| | | I4 | 51 | 42 | | | 21 | 25 | 54 Séisme |
| | e | I4 | 51 | 42 | : | 1P _N | 21 | 26 | 25 proche |
| | F | I5 | I0 | | : | F | 21 | 29 | D = 260 Km. |
| I | - | I7 | I2 | 24 | : | | I4 | 52 | I3 |
| | e | I7 | I2 | 52 | : 13 - | 1P | I4 | 52 | I9 D=2.500Km. |
| | e | I7 | I3 | I0 | : | eS | I4 | 52 | I9 D=2.500Km. |
| | F | I7 | I4 | | : | eL | I5 | 00 | 40 |
| | | | | | : | LM | I5 | 02 | |
| 2 | - | I0 | 49 | 48 | : | | I0 | I7 | 21 |
| | e | I0 | 51 | 09 | : I0 - | eP | II | 00 | |
| | F | I0 | 54 | | : | LQ | II | 08 | |
| | | | | | : | LR | II | I8 | |
| 3 | - | 05 | 56 | 22 | : | LM | II | I8 | |
| | e | 05 | 02 | I3 | : | F | II | 40 | |
| | LM | 05 | 04 | 30 | : | | | | |
| | F | 05 | 08 | | : I0 - | 1P | I4 | 59 | 38 |
| | | | | | : | F | I5 | 02 | |
| 4 | - | 06 | 28 | 26 | : | | | | |
| | e | 06 | 50 | 33 | : | | | | |
| | e | 06 | 52 | 48 | : II - | eP | 00 | 44 | 26 |
| | LM | 06 | 55 | | : | 1P | 00 | 44 | 36 |
| | F | 07 | 06 | | : | ePP | 00 | 48 | 42 |
| | | | | | : | ePPP | 00 | 50 | 51 |
| | | | | | : | LSKE | 00 | 55 | I2 D-II.400Km. |
| 4 | - | 20 | 41 | I9 | : | eS | 00 | 56 | I8 |
| | e | 20 | 44 | 21 | : | ePS | 00 | 57 | 42 |
| | F | 20 | 46 | | : | ePFS | 00 | 58 | 42 |
| | | | | | : | eSS | 01 | 03 | I2 |
| 4 | - | 21 | 51 | 59 | : | eSSS | 01 | 07 | I2 |
| | F | 21 | 53 | | : | LQ | 01 | I3 | |
| | | | | | : | KK | 01 | KK | |
| 5 | - | 05 | 42 | 59 | : | LR | 01 | I8 | |
| | M | 05 | 44 | 30 | : | LM | 01 | 24 | |
| | F | 05 | 47 | | : | F | 04 | 20 | |
| 6 | - | I0 | 35 | 39 | : | | | | |
| | i | I0 | 36 | 04 | : | | | | |
| | e | I0 | 42 | 03 | : | | | | |
| | L | I0 | 49 | 30 | : | | | | |
| | LM | I0 | 52 | 30 | : | | | | |
| | F | II | I0 | | : | | | | |
| 8 | - | 04 | I7 | 42 | : | | | | |
| | e | 04 | I8 | I4 | : | | | | |
| | e | 04 | I8 | 29 Séisme | : | | | | |
| | F | 04 | 20 | proche | : | | | | |

A. ROCHER

No 103

JUL 8 1952
COPY

INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU PUY DE DÔME



STATION SEISMOLOGIQUE - Coordonnées L=45°45'46" N λ=03°06'09" E Alt.: 400 m.

BULLETIN POUR LA PERIODE DU IIAU 22 JUIN 1952

ERRATUM: Par suite d'une défecuosité dans le fonctionnement de la marque du temps aux appareils, tous les temps indiqués au cours de la période du 21 Mai au 22 Juin 1952 sont à majorer de 1 minute 00 secondes.

| Date | Type | Time | Distance | Notes |
|---------|------|---|----------|--------|
| 12 Juin | 1P | II 04 ^h 54 ^m 54 ^s | | |
| | eL | II I3 | | |
| | M | II I5 | | |
| | F | II 25 | | |
| 13 - | e | 01 III 08 | | |
| | eL | 01 I7 | | |
| | M | 01 I8 I0 | | |
| | F | 01 25 | | |
| 14 - | L | 08 47 | | |
| | M | 08 54 | | |
| | F | 09 I0 | | |
| 15 - | eP | I5 23 I9 | | |
| | F | I5 25 | | |
| 15 - | 1P | I5 26 55 | | |
| | L | I5 43 | | |
| | M | I5 57 | | |
| | F | I6 30 | | |
| 15 - | eP | 03 57 57 | | |
| | e | 04 01 42 | | |
| | M | 04 II | | |
| | F | 04 I5 | | |
| 15 - | L | I7 I5 | | |
| | M | I7 I9 | | |
| | F | I7 30 | | |
| | | à décaler je dis le 15 | | |
| 17 - | e | 04 28 I7 | | |
| | L | 04 55 | | |
| | F | 05 05 | | |
| 17 - | L | 05 33 | | |
| | M | 05 41 | | |
| | F | 06 20 | | |
| 17 Juin | 1P | 22 43 ^h 09 ^m 00 ^s D = 900 Km | | |
| | is? | 22 45 01 | | |
| | LR | 22 45 30 | | |
| | M | 22 47 | | |
| | F | 23 00 | | |
| 19 - | eP | I2 25 00 | | |
| | IS | I3 35 01 D = 8.700Km | | |
| | eSS | I2 40 | | |
| | LR | I2 52 | | |
| | M | I2 58 | | |
| | F | I5 20 | | |
| 19 - | eP | 21 I7 01 | | |
| | M | 22 09 | | |
| | F | 23 30 | | |
| 20 - | 1P | 05 59 24 D = 10.000Km | | |
| | ePP | 06 02 57 | | |
| | BPS | 06 II 25 | | |
| | M | 06 45 | | |
| | F | 08 I0 | | |
| 21 - | eP | 06 41 32 | | |
| | e | 06 42 25 Foyer pro- | | |
| | eSKS | 06 51 00 fond | | |
| | LQ | 07 I2 D = 10.200 Km | | |
| | M | 07 35 | | |
| | F | 08 I0 | | |
| 22 - | eP | 03 58 02 | | |
| | M | 03 59 46 Séisme rap | | |
| | F | 04 02 | | |
| | | | | proché |

A. ROCHE

JUL 11 1952



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU PUY DE DOMS

STATION SEISMOLOGIQUE: Coordonnées: L=43°45'48" N L=02°06'09" E Alt.: 1400 m.

BULLETIN POUR LA PERIODE DU 22 JUIL AU 30 JUIL 1952

| Date | Type | h. | m. | s. | Distance | Date | Type | h. | m. | s. | Distance |
|---------|------|----|----|---------------|-------------|---------|------|----|----|---------------|-----------|
| 22 juin | eP | 10 | 50 | 49 | | 25 Juin | eP | 25 | 31 | 39 | |
| | L | 10 | 53 | | | | eS | 23 | 41 | 22 | |
| | MR | 11 | 08 | | | | ePS | 23 | 42 | 01 | |
| | F | 12 | 30 | | | | eSS | 23 | 46 | 07 | D=8.500Km |
| | | | | | | | eSSS | 23 | 49 | 42 | |
| 22 - | 1P | 21 | 54 | 27 | | | eL | 23 | 56 | | |
| | 1PeP | 21 | 54 | 32 | | | MR | 00 | 06 | | |
| | 1pP | 21 | 55 | 07 | D=0.400Km. | | F | 01 | 30 | | |
| | 1S | 22 | 05 | 08 | h= 100 Km. | | | | | | |
| | 1PS | 22 | 06 | 04 | | 28 - | eP | 13 | 11 | 59 | |
| | L | 22 | 23 | | | | L | 13 | 19 | | |
| | MR | 22 | 40 | | | | F | 13 | 23 | | |
| | F | 02 | 00 | | | | | | | | |
| 23 - | eP | 12 | 16 | 15 | | 26 - | eP | 15 | 38 | 07 | |
| | ePP | 12 | 19 | 54 | | | eS | 15 | 42 | 22 | |
| | eSKS | 12 | 27 | 15 | D=10.000Km. | | L | 15 | 44 | D = 2.700 Km. | |
| | LR | 12 | 52 | 30 | | | MR | 15 | 45 | | |
| | MR | 13 | 01 | | | | F | 16 | 13 | | |
| | F | 13 | 40 | | | | | | | | |
| 24 - | 1P | 03 | 35 | 31 | | 27 - | eP | 13 | 13 | 06 | |
| | F | 03 | 42 | | | | MR | 13 | 20 | | |
| | | | | | | | F | 13 | 30 | | |
| 24 - | eP | 16 | 41 | 38 | | 28 - | 1P | 16 | 40 | 33 | |
| | eS | 16 | 52 | 06 | | | F | 16 | 42 | | |
| | L | 17 | 15 | | | | | | | | |
| | MR | 17 | 38 | D = 9.500 Km. | | 30 - | eP | 21 | 13 | 42 ? | |
| | F | 18 | 00 | | | | L | 21 | 32 | | |
| | | | | | | | MR | 21 | 39 | | |
| | | | | | | | F | 22 | 00 | | |

A. ROCHER

COPY

AUG 22 1952

40
AUG 21 1952



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU HUY DE DOMINIQUE
 STATION SEISMOLOGIQUE / Coordonnées L=45°45'46" N L= 03°09'09" E Alt. 1400 m

BULLETIN POUR LA PERIODE DU 1er AU 31 JUILLET 1952

| 2 Juil. | L traces | h. m. s. | 3 Juil. | IP | h. m. s. |
|---------|---------------------------------|----------------------|---------|----------|------------------------|
| | F | 17 42 00 | | ePP | 06 21 22 |
| | | 18 00 | | eS | 06 26 41 |
| 2 | 1P | 18 37 17 | | LQ | 06 35 D = 5.500 Km. |
| | 1S | 18 38 02 D = 430 Km | | MQ | 06 38 |
| | F | 18 41 30 | | F | 07 10 |
| 3 | 1P | 01 04 34 | 7 | e | 03 05 13 |
| | L traces | 01 15 | | F | 03 09 |
| | F | 01 17 | | | |
| 4 | eP | 20 37 00 | 8 | e | 13 00 00 |
| | 1Sg | 20 38 48 | | F | 13 03 |
| | MQ | 20 39 12 D=650 Km. | | | |
| | F | 20 40 00 | 9 | eP | 18 27 37 |
| 4 | e | 21 32 30 | | eSKS | 18 27 54 |
| | e | 21 33 26 | | eS | 18 36 03 |
| | e | 21 34 21 | | ePS | 18 38 51 D=9.500 Km. |
| | F | 21 37 | | ePFS | 18 39 06 |
| 5 | 1P | 17 28 27 séisme pro: | | LQ | 18 52 |
| | i | 17 29 15 fond | | QM | 18 59 |
| | i | 17 29 35 | 9 | F | 19 40 |
| | i | 17 31 30 D=7.100Km. | | | |
| | eS | 17 37 03 | | eP | 20 49 07 D=9.500 Km. |
| | eSS | 17 41 00 | | eSKS | 20 59 29 Réplique |
| | absence d'ondes superficielles: | | | eS | 20 59 44 du précédent? |
| | F | 18 00 | | LQ | 21 15 |
| 6 | L | 00 00 | 10 | F | 22 00 |
| | M | 00 05 | | | |
| | F | 00 16 | | 1P | 16 04 05 |
| | | | | e | 16 28 56 |
| | | | | L traces | 16 33 |
| | | | | F | 16 50 |

A. ROUHE

COPY

AUG 22 1952

PDD



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU MUY DE BOUS
STATION SEISMOLOGIQUE / Coordonnées: L=45°45'46" N L=03°06'09" E Alt.: 4000

BULLETIN POUR LA PERIODE DU 11 AU 20 JUILLET 1952

Table with columns for date, time, station codes (e.g., PKP, SKS, SS), and seismic event details. Includes handwritten notes like 'séisme profond' and 'séisme proche?'. The table is organized into sections for different dates (13, 14, 15, 16, 17, 18, 19, 20 Julil.).

A. ROCHE

COPY
Handwritten signature and date

40

SEP 4 1954



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU PUY DE DOMINE

STATION SEISMOLOGIQUE : Coordonnées - L : 45° 45' 46" N - L : 03° 08' 09" E - 1000 m

BULLETIN POUR LA PERIODE DU 21 AU 31 JUILLET 1954

| Date | Time | Station | Distance | Phase | Time | Station | Distance | Phase |
|---------|----------|-------------------|------------------------|-------|---------|----------|----------|-------------------|
| 21 Jul. | 12 04 48 | IP | | | 25 Jul. | 07 40 | | eP |
| | 12 04 55 | IPeP | | | | 14 37 43 | | F |
| | 12 08 11 | ePP | | | 25 - | 15 42 | | eP |
| | 12 15 16 | ISKS | D = 9.500 Km. | | | 15 46 | | L |
| | 12 15 26 | IS | | | | 16 30 | | MR |
| | 12 16 20 | IPS | | | | | | F |
| | 12 21 09 | eSS | | | 27 - | 02 30 58 | | eP |
| | 12 34 | LR | | | | 03 45 | | MR |
| | 12 41 | MR | | | | 05 50 | | F |
| | 17 00 | F | | | | | | |
| 21 - | 12 18 07 | IP | superposé au précédent | | 27 - | 08 42 24 | | ePKP _I |
| 21 - | 20 13 | LTraces | | | | 08 42 26 | | 1PKP _I |
| | 20 30 | M | | | | 08 42 35 | | 1 |
| | 21 20 | F | | | | 08 42 52 | | 1PKP ₂ |
| | | | | | | 08 46 39 | | ePP |
| 22 - | 23 00 55 | eP | | | | 08 49 29 | | eSKS |
| | 00 04 | L | | | | 08 59 10 | | ePFS |
| | 00 10 | M | | | | 09 05 25 | | eSS |
| | | F dans le suivant | | | | 09 11 44 | | eSSS |
| | | | | | | 10 40 | | F |
| 23 - | 00 51 03 | IP | | | 29 - | 07 16 20 | | eP |
| | 01 22 | L | | | | 07 47 | | L |
| | 01 28 30 | M | | | | 07 54 | | MR |
| | 02 10 | F | | | | 08 00 | | F |
| - | 01 11 50 | IP | | | 29 - | 20 40 | | LTraces |
| | 01 KK | F | | | | 20 50 | | M |
| | 13 | | | | | 21 20 | | F |
| 23 - | 13 40 01 | e | | | 30 - | 11 48 31 | | ePa |
| | 14 02 20 | L | | | | 11 48 52 | | ePg |
| | 14 08 | M | | | | 11 49 27 | | eSn |
| | 14 50 | F | | | | 11 49 55 | | eSg |
| | | | | | | 11 59 | | F |
| 24 - | 22 21 57 | IP | | | 31 - | 12 21 39 | | eP |
| | 22 32 24 | eSKS | | | | 12 32 08 | | eS |
| | 22 32 42 | eS | | | | 12 49 | | L |
| | 22 38 06 | eSE | D = 9.500 Km. | | | 12 58 | | MQ |
| | 22 50 | L | | | | 14 00 | | F |
| | 22 56 30 | MQ | | | | | | |
| | 23 00 | MR | | | | | | |
| | 00 00 | F | | | | | | |

A. ROGHE

25 Juillet : L 19 52
 :MR 19 58
 F 21 00

COPY

SEP 19 1952



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU PUY DE DOME

STATION SEISMOLOGIQUE: Coordonnées = L : 45°45'46" N 1 : 03°06'09" E Alt. 1100m

BULLETIN POUR LA PERIODE DU 1er au 20 AOUT 1952

| 1er Août | LM | 20 ^{h.} 34 ^{m.} 5. | 14 Août | ePKP | 23 ^{h.} 35 ^{m.} 58 ^{s.} |
|----------|----|--------------------------------------|-------------|-------|--|
| | F | 20 37 | | ePKS | 23 39 34 |
| | | | | eSKS | 23 42 53 D= 13.800 Km. |
| 3 | e | I3 27 04 | | L | 00 22 |
| | e | I3 28 30 | | MR | 00 30 |
| | LM | I4 10 | | F | 02 00 |
| | F | I4 25 | | | |
| | | | I6 - | ePP | I4 I3 59 |
| 4 | LM | 02 I5 20 | | ePKS | I4 I5 04 |
| | F | 02 25 | | eSKKS | I4 20 44 D= 14.900 Km. |
| | | | | ePPS | I4 25 40 |
| 4 | e | I2 58 21 | | eSS | I4 31 35 |
| | e | I2 59 10 | Béisme pro- | LQ | I4 55 |
| | e | I3 00 06 | | F | I6 20 |
| | LQ | I3 00 15 | | | |
| | LR | I3 01 05 | | I7 - | 1PKP 04 37 05 |
| | F | I3 03 | | F | 04 08 |
| | | | | | |
| 6 | e | 05 I5 25 | | I7 - | eP I6 I3 08 |
| | LM | 05 32 | | 1P | I6 I3 I2 |
| | F | 06 00 | | 1PoF | I6 I3 24 |
| | | | | 1PP | I6 I5 43 D = 7.700 Km. |
| | | | | ePPP | I6 I7 29 |
| 6 | LM | I8 46 | | IS | I6 22 09 |
| | F | I8 54 | | ISS | I6 26 37 |
| | | | | LQ | I6 33 20 |
| 7 | eP | 22 06 11 | | LR | I6 35 |
| | LQ | 22 39 20 | | MQR | I6 44 |
| | LR | 22 43 | | F | 21 10 |
| | MR | 22 51 | | | |
| | F | 23 12 | | I8 - | eS I3 29 40 |
| | | | | LR | I3 57 |
| I3 | LM | I4 54 | | MR | I4 03 |
| | F | I5 00 | | F | I4 50 |
| | | | | | |
| I3 | eP | 21 21 35 | | I9 - | LM II 56 |
| | 1P | 21 21 41 | | F | I2 02 |
| | eS | 21 27 25 D= 4.200 Km: | | | |
| | LM | 21 34 | | I20 - | eP I5 37 30 |
| | F | 22 00 | | ePP | I5 40 37 |
| | | | | ePPP | I5 42 16 |
| I4 | 1P | I6 I4 20 | | eS | I5 47 44 |
| | eS | I6 25 05 D= 11.000Km: | | ePS | I5 48 29 |
| | LM | I7 03 | | ePPS | I5 48 40 |
| | F | I7 40 | | eSS | I5 52 50 |
| | | | | eSSS | I5 56 25 |
| | | | | LQ | I6 59 |
| | | | | MQR | I6 10 |
| | | | | F | I8 30 |

II = 8.900 Km

LR 16 h 02

A. ROCHE

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INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU FUY DE DOMI



STATION SEISMOLOGIQUE: Coordonnées: L=45°46'45" N 1-03°06'09" E Alt.: 1400m

BULLETIN POUR LA PERIODE DU 1 AU 30 SEPTEMBRE 1958

| 2 Sept. | L traces | 23 h. | 31 m. | S. | III Sept. | eKFP I | 22 h. | 45 m. | 49 s. |
|---------|----------|-------|-------|----|-----------|-------------------|-------|-------|-------|
| | F | 23 | 35 | | | eKFP ₂ | 22 | 47 | 43 |
| | | | | | | eFP | 22 | 51 | 26 |
| 5 - | 1 | 08 | 51 | 20 | | ePKS | 22 | 59 | 40 |
| | M | 08 | 52 | 12 | | eFPS | 23 | 02 | 01 |
| | F | 08 | 54 | 20 | | eSS | 23 | 12 | 01 |
| | | | | | | eSSS | 23 | 17 | 58 |
| 7 - | eKFP | 03 | 58 | 51 | | LR | 23 | 47 | |
| | 1KFP | 03 | 59 | 13 | | MR | 03 | 02 | |
| | e | 03 | 01 | 21 | | F | 01 | 00 | |
| | L | 03 | 57 | | | | | | |
| | LM | 04 | 01 | | | | | | |
| | F | 04 | 26 | | | | | | |
| 7 - | e | 04 | 42 | 30 | | | | | |
| | L | 05 | 32 | | | | | | |
| | F | 05 | 35 | | | | | | |
| 7 - | e | 09 | 45 | 03 | | | | | |
| 9 - | 1P | 13 | 07 | 05 | | | | | |
| | 1pP | 13 | 07 | 18 | | | | | |
| | 1PP | 13 | 10 | 18 | | | | | |
| | 1PPP | 13 | 12 | 09 | | | | | |
| | 1SKS | 13 | 17 | 18 | | | | | |
| | 1S | 13 | 17 | 30 | | | | | |
| | 1PS | 13 | 18 | 17 | | | | | |
| | 1SS | 13 | 23 | 19 | | | | | |
| | 1SSS | 13 | 26 | 28 | | | | | |
| | LQ | 13 | 32 | | | | | | |
| | LR | 13 | 32 | 30 | | | | | |
| | MR | 13 | 35 | 30 | | | | | |
| | F | 13 | 50 | | | | | | |
| 10 - | 1 | 04 | 19 | 46 | | | | | |
| | F | 04 | 22 | 00 | | | | | |
| 10 - | L traces | 09 | 28 | 30 | | | | | |
| | LM | 09 | 33 | | | | | | |
| | F | 10 | 07 | | | | | | |
| 10 - | L traces | 19 | 29 | | | | | | |
| | F | 19 | 35 | | | | | | |
| 11 - | e | 05 | 40 | 43 | | | | | |
| | F | 05 | 41 | 40 | | | | | |
| 11 - | L | 08 | 59 | | | | | | |
| | LM | 09 | 01 | | | | | | |
| | F | 09 | 30 | | | | | | |
| 11 - | e | 22 | 22 | 16 | | | | | |
| | eM | 22 | 22 | 38 | | | | | |
| | F | 22 | 23 | 00 | | | | | |

Séisme pro-
she

D=12, 200Km.

D= 9.600 Km.

D=10, 000Km.

Profond

COPY

40 NOV 3 1952



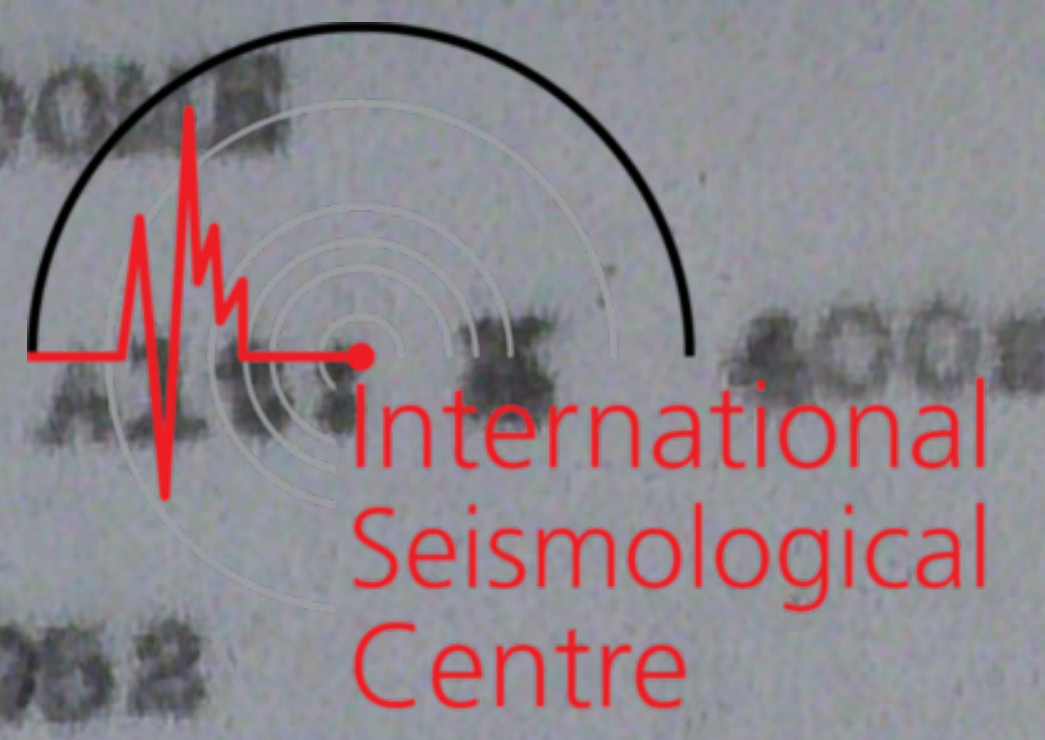
(FUY-DE-DOME) - BULLETIN DU I AU 30 SEPTEMBRE 1952 - SUITE -

| Date | Time | Phase | Time | Phase | Time | Phase | Distance |
|----------|----------|--------------------------------------|-----------|----------|--|--------------|----------|
| 22 Sept. | L | I2 ^{h.} 24 ^{m.} s. | :29 Sept. | IPg | I6 ^{h.} 46 ^{m.} 36 ^{s.} | | |
| | IM | I2 30 | | iSg | I6 47 36 | D= 500 Km. | |
| | F | I3 10 | | F | I6 52 | | |
| 23 - | K | IX' XX | :30 - | 1P | I3 03 53 | | |
| | IX | | | iS | I3 13 38 | | |
| 23 - | e | 20 35 47 | | eSS | I3 17 40 | D= 8.400 Km. | |
| | LM | 20 40 séisme proche | | eSSS | I3 21 50 | | |
| | F | 20 51 | | LQ | I3 30 | | |
| 24 - | 1P | 20 41 II | | MQ | I3 34 | | |
| | iS | 20 50 56 | | MR | I3 40 | | |
| | | | | F | I4 25 | | |
| 27 - | 1P | I9 17 58 | | | | | |
| | iS | I9 28 09 | | A. ROCHE | | | |
| | LQ | I9 47 D = 9.400 Km. | | | | | |
| | MQ | I9 54 | | | | | |
| | MR | I9 57 | | | | | |
| | F | 20 22 | | | | | |
| 28 - | L traces | 03 04 | | | | | |
| | F | 03 07 | | | | | |

COPY

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DEC 4 1952



STATION SEISMOLOGIQUE / Coordonnées: L=45°45'46" N l= 03°06;09" E Alt. 400m.

BULLETIN POUR LA PERIODE DU 1 AU 31 OCTOBRE 1952

| Date | Time | Mag. | Type | Distance | Time | Mag. | Type | Distance |
|--------|-------|------|------|--------------------|-----------------|------|---------------|----------|
| 3 Oct. | 07 49 | 19 | ep | | 18 58 | | | |
| | 07 49 | 19 | i | | 19 00 | | | |
| | 08 19 | | L | | | | | |
| | 08 30 | | F | | 05 18 | 43 | Séisme de | |
| | | | | | 05 19 | 41 | Basse Alsace | |
| | | | | | 05 24 | | | |
| 4 - | 04 24 | 01 | e | | | | | |
| | 04 28 | 19 | e | | 05 29 | 50 | | |
| | 04 51 | 10 | L | | | | | |
| | 04 35 | | M | | 15 03 | 47 | | |
| | 05 00 | | F | | 15 05 | 10 | | |
| 4 - | 20 24 | | L | | 15 11 | | | |
| | 20 28 | | F | | 15 41 | | | |
| 5 - | 10 27 | 51 | e | | 21 23 | 03 | Séisme proche | |
| | 10 35 | | M | | 21 23 | 17 | | |
| | | | | | 21 24 | 40 | | |
| 5 - | 10 58 | 57 | ep | | | | | |
| | 11 02 | 35 | L | | 11 55 | 36 | | |
| | 11 09 | | M | | 12 00 | 10 | | |
| | 12 00 | | F | | 12 06 | | | |
| | | | | | 12 22 | | | |
| 5 - | 22 15 | 10 | 1P | | | | | |
| | 22 17 | 32 | ePP | D: 69° = 7.500 Km. | 16 15 | 29 | | |
| | 22 19 | 05 | ePPP | | 16 58 | | | |
| | 22 24 | 03 | eS | | 17 22 | | | |
| | 22 46 | | M | | 18 10 | | | |
| | 23 23 | | F | | | | | |
| 6 - | 03 00 | | M | | 18 56 | 53 | | |
| | 03 10 | | F | | 18 57 | 01 | D=54° = 6.000 | |
| 6 - | 14 20 | 06 | 1P | | 19 04 | 30 | | |
| | 14 22 | 00 | F | | 19 16 | | | |
| 6 - | 19 51 | 53 | ep | | 19 24 | 10 | | |
| | 20 00 | | L | | 20 25 | | | |
| | 20 01 | 30 | M | | | | | |
| | 20 05 | | F | | 22 59 | 49 | | |
| | | | | | 01 15 | | | |
| | | | | | 01 29 | | | |
| | | | | | dans le suivant | | | |
| 6 - | 22 29 | 06 | 1P | | 01 35 | 00 | | |
| | 22 30 | 06 | 1P | Séisme de Basse | 01 59 | 20 | | |
| | 22 33 | | F | Alsace | 02 02 | 10 | | |
| | | | | | 02 22 | | | |
| 6 - | 22 41 | 45 | ep | | | | | |
| | 22 45 | 30 | F | | | | | |
| 6 - | 22 59 | 42 | e | | | | | |
| | 22 59 | 55 | M | | | | | |
| | 23 01 | | F | | | | | |
| 6 - | 23 17 | 43 | e | | 16 46 | 29 | | |
| | 23 24 | | M | | 16 52 | | | |
| | 23 35 | | F | | 16 56 | | | |
| | | | | | 17 05 | | | |

COPY

7 - e 16 18 23 M 16 h 22 00 F 16 h 30

40 DEC 4 1952

BULLETIN... OCTOBRE (SUITE)

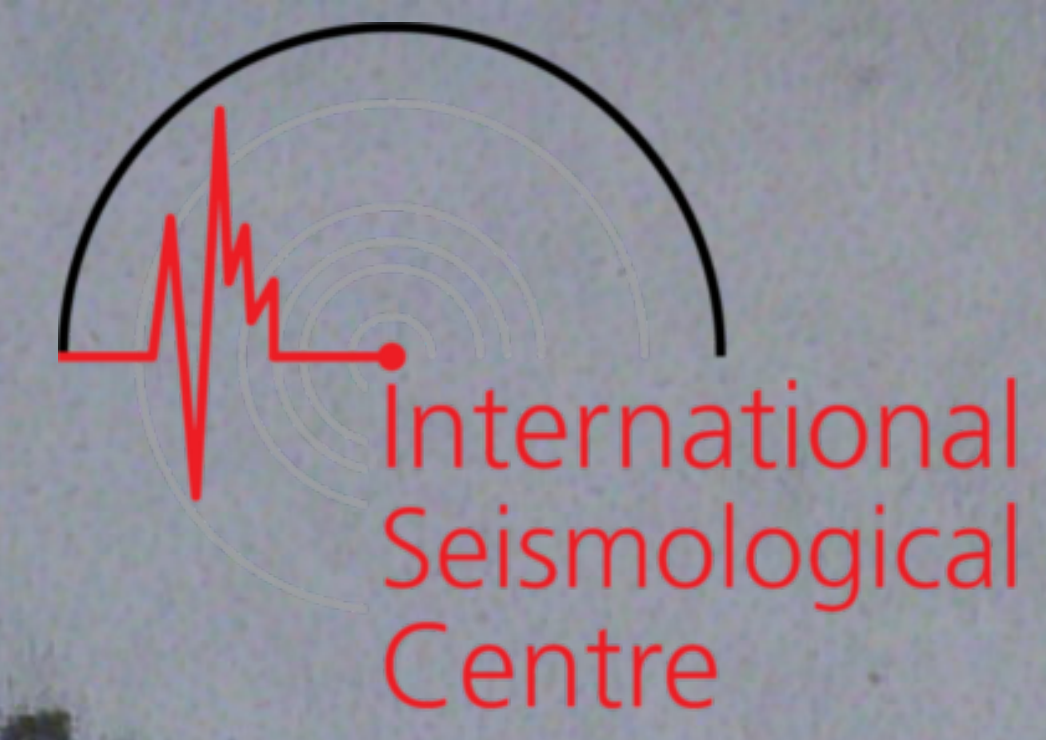


| Date | Time | Phase | Station | h. | m. | s. | Distance | Depth | Notes |
|----------------------|-------|----------------|---------|----|----|------------------|----------|-------|-------|
| 14 Oct | 01 30 | Ltraces | 01 | 04 | | | | | |
| 15 - | 00 38 | L | | | | | | | |
| | 01 04 | F | | | | | | | |
| 15 - | 03 45 | Ltraces | 03 | 45 | | | | | |
| 15 - | 17 56 | eP | 17 | 56 | 29 | | | | |
| | 17 59 | F | 17 | 59 | | | | | |
| 18 - | 05 42 | ePKP | 05 | 42 | 23 | | | | |
| | 08 37 | L | 08 | 37 | | | | | |
| | 06 45 | M ₁ | 06 | 45 | | | | | |
| | 06 53 | M ₂ | 06 | 53 | | | | | |
| | 07 40 | F | 07 | 40 | | | | | |
| 18 - | 12 08 | eP | 12 | 08 | 45 | | | | |
| | 12 14 | IS | 12 | 14 | 22 | D=54°5-6.050 Km: | | | |
| | 12 22 | L | 12 | 22 | | | | | |
| | 12 24 | M | 12 | 24 | | | | | |
| | 13 00 | F | 13 | 00 | | | | | |
| 18 - | 20 53 | ePKP | 20 | 53 | 09 | | | | |
| | 22 02 | Ltraces | 22 | 02 | | | | | |
| | 22 08 | F | 22 | 08 | | | | | |
| 19 - | 19 | Ltraces | 19 | | | | | | |
| 20 - | 01 31 | Ltraces | 01 | 31 | | | | | |
| | 01 31 | F | 01 | 31 | | | | | |
| 22 - | 04 19 | 1P | 04 | 19 | 38 | | | | |
| | 04 23 | eS | 04 | 23 | 12 | | | | |
| | 04 25 | eSS | 04 | 25 | 41 | | | | |
| | 04 26 | L | 04 | 26 | 10 | D=20°-2.200 Km. | | | |
| | 04 28 | M | 04 | 28 | | | | | |
| | 04 40 | F | 04 | 40 | | | | | |
| 22 - | 17 06 | 1P | 17 | 06 | 25 | | | | |
| | 17 10 | IS | 17 | 10 | 59 | D=27°S-3.350 Km. | | | |
| | 17 14 | L | 17 | 14 | 10 | | | | |
| | 17 18 | M | 17 | 18 | 20 | | | | |
| | 17 35 | F | 17 | 35 | | | | | |
| 26 - | 08 32 | eP | 08 | 32 | 38 | | | | |
| | 08 36 | F | 08 | 36 | | | | | |
| 26 - | 08 53 | 1P | 08 | 53 | 22 | D=20° -10.000Km | | | |
| | 09 04 | IS | 09 | 04 | 02 | | | | |
| | 09 40 | M | 09 | 40 | | | | | |
| | 09 45 | F | 09 | 45 | | | | | |
| 26 Oct eP | 16 05 | | 16 | 05 | 57 | | | | |
| eSKS | 16 16 | | 16 | 16 | 29 | D=20°-10.000Km | | | |
| eS | 16 16 | | 16 | 16 | 50 | | | | |
| L | 16 34 | | 16 | 34 | 00 | | | | |
| M | 16 44 | | 16 | 44 | | | | | |
| F | 17 30 | | 17 | 30 | | | | | |
| 26 - | 17 14 | 1P | 17 | 14 | 54 | | | | |
| eSKS | 18 25 | | 18 | 25 | 25 | | | | |
| eS | 18 25 | | 18 | 25 | 43 | | | | |
| L | 18 44 | | 18 | 44 | | | | | |
| M | 18 54 | | 18 | 54 | | | | | |
| F dans le suivant | | | | | | | | | |
| 26 - | 19 38 | 1P | 19 | 38 | 10 | | | | |
| eSKS | 19 42 | | 19 | 42 | 42 | | | | |
| eS | 19 43 | | 19 | 43 | 01 | | | | |
| L | 20 03 | | 20 | 03 | 10 | | | | |
| M | 20 10 | | 20 | 10 | | | | | |
| F | 21 00 | | 21 | 00 | | | | | |
| 26 - | 19 42 | 1 | 19 | 42 | 27 | Séisme proche | | | |
| M | 19 42 | | 19 | 42 | 35 | | | | |
| F | 21 00 | | 21 | 00 | | | | | |
| 26 - | 19 43 | 1 | 19 | 43 | 30 | | | | |
| XXXXXXXXXXXXXXXXXXXX | | | | | | | | | |
| XXXXXXXXXXXXXXXXXXXX | | | | | | | | | |
| 26 - | 20 40 | eP | 20 | 40 | 17 | | | | |
| L | 21 24 | | 21 | 24 | | | | | |
| F | 21 35 | | 21 | 35 | | | | | |
| 26 - | 22 57 | Ltraces | 22 | 57 | | | | | |
| F | 23 00 | | 23 | 00 | | | | | |
| 27 - | 03 30 | eP | 03 | 30 | 07 | | | | |
| 1 | 03 30 | | 03 | 30 | 21 | | | | |
| eSKS | 03 40 | | 03 | 40 | 37 | D=20°-10.000Km | | | |
| eS | 03 40 | | 03 | 40 | 55 | | | | |
| ePS | 03 42 | | 03 | 42 | 00 | | | | |
| ePPS | 03 42 | | 03 | 42 | 41 | | | | |
| L | 04 05 | | 04 | 05 | | | | | |
| M | 04 13 | | 04 | 13 | | | | | |
| F | 04 50 | | 04 | 50 | | | | | |
| 27 - | 06 12 | 1 | 06 | 12 | 23 | | | | |
| 1 | 06 12 | | 06 | 12 | 54 | Séisme proche | | | |
| 1 | 06 13 | | 06 | 13 | 04 | | | | |
| F | 06 15 | | 06 | 15 | | | | | |
| 28 - | 04 40 | eP | 04 | 40 | 54 | | | | |
| 1P | 04 41 | | 04 | 41 | 04 | | | | |
| eS | 04 49 | | 04 | 49 | 56 | D=72° -8.000Km | | | |
| eSS | 04 54 | | 04 | 54 | 30 | | | | |
| M | 05 02 | | 05 | 02 | 10 | | | | |
| F | 05 30 | | 05 | 30 | | | | | |

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BULLETIN OCTOBRE (SUITE)

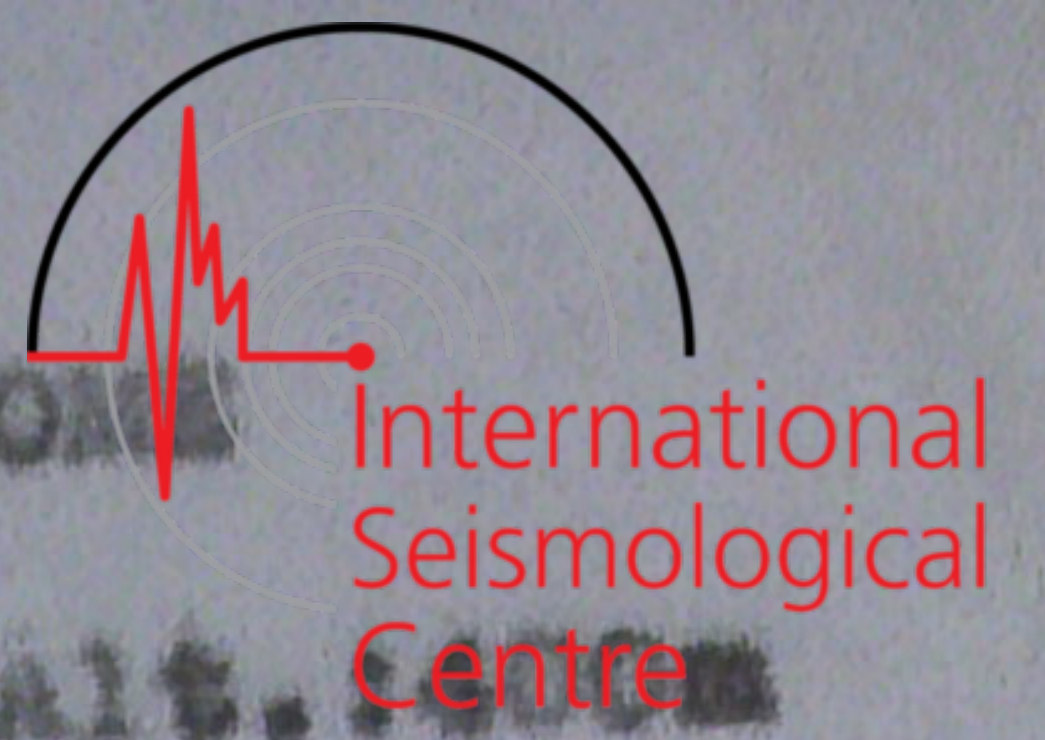


| | | h. | m. | s. |
|--------|------|----|----|----|
| 26 Oct | IK L | 14 | 16 | 00 |
| | F | 14 | 30 | |
| 26 - | L | 15 | 35 | |
| | F | 15 | 36 | |
| 26 - | P | 15 | 59 | 07 |

| | | h. | m. | s. |
|---------|----------------------------------|----|----|----|
| :28 Oct | eP | 06 | 45 | 55 |
| : | M | 07 | 23 | 10 |
| : | F | 07 | 50 | |
| : | | | | |
| :29 - | eP | 19 | 53 | 53 |
| : | 1P | 19 | 53 | 59 |
| : | Ondes superficielles très faible | | | |
| : | | | | |
| :31 - | e | 17 | 01 | 04 |
| : | L | 17 | 29 | |
| : | M | 17 | 55 | 10 |
| : | F | 18 | 10 | |

A. ROCHE

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D. 10.13



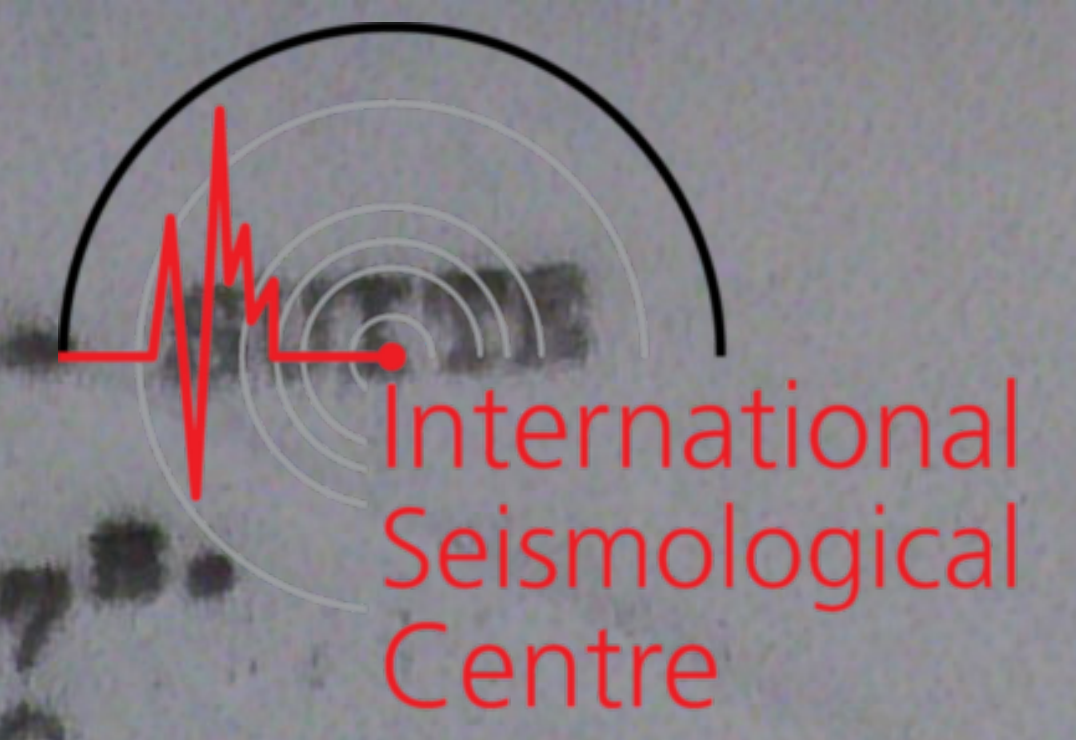
INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU PUY DE DOMA
 STATION SEISMOLOGIQUE: Coordonnées: L=45°45'46" N L=03°08'09" E Alt. 1300m

BULLETIN POUR LA PERIODE DU 1er AU 10 NOVEMBRE 1952

| 1 Nov | | | | 14 Nov. 1P | | | | 23 h. 53 m. 41 s. | | | |
|-----------------------|----|----|------|------------|---|------|--|-------------------|----|------|----------------|
| e | h. | m. | s. | | | | | | | | |
| LQ | 00 | 28 | | : | | | | 00 | 28 | 42 | |
| MQ | 00 | 32 | | : | - | e | | 00 | 44 | 12 | |
| MR | 00 | 36 | | : | | | | 00 | 56 | 45 | |
| F | 01 | 20 | | : | - | e | | 02 | 32 | 18 | |
| 2 - ePKP _I | 00 | 08 | 17 | : | | | | 03 | 42 | 05 | |
| L traces | 00 | 37 | | : | - | e | | 03 | 48 | 14 | D=84°-9.300 |
| L traces | 00 | 45 | | : | | 1P | | 03 | 52 | 19 | |
| eP | 17 | 10 | 34 | : | | | | 04 | 15 | 00 | |
| 4 - 1P | 17 | 10 | 37 | : | - | eP | | 04 | 24 | | |
| 1P | 17 | 10 | 45 | : | | 1P | | 06 | 10 | 08 | |
| LIS | 17 | 40 | 38 | : | | IS | | 06 | 10 | 12 | D=85°-9.400 |
| M | 17 | 52 | | : | | LR | | 06 | 20 | 28 | |
| | | | | : | | MR | | 06 | 20 | 38 | |
| 4 - eP | 17 | 48 | 32 | : | - | eP | | 06 | 36 | | |
| 1P | 17 | 48 | 44 | : | | 1P | | 06 | 48 | | |
| | | | | : | | eSKS | | | | | |
| 4 - eP | 18 | 41 | 04 | : | | eS | | | | | |
| 1P | 18 | 41 | 09 | : | | LQ | | | | | |
| | | | | : | | MQ | | | | | |
| 4 - 1P | 19 | 31 | 55,5 | : | - | 1P | | 07 | 18 | 33 | |
| 4 - 1P | 19 | 52 | 31 | : | | 1P | | 07 | 35 | 40 | |
| 4 - eP | 21 | 01 | 07 | : | - | 1 | | 07 | 47 | 53 | |
| 1P | 21 | 01 | 10 | : | | | | 10 | 27 | 26 | |
| 4 - 1P | 21 | 13 | 05 | : | - | e | | 11 | 46 | 53 | |
| 4 - eP | 22 | 05 | 12 | : | | 1P | | 11 | 58 | 55,5 | |
| 1 | 22 | 05 | 30 | : | | IS | | | | | |
| 4 - eP | 22 | 25 | 12 | : | - | 1P | | 13 | 18 | 41 | |
| 1P | 22 | 25 | 25 | : | | IS | | 13 | 28 | 48 | |
| | | | | : | | L | | 13 | 45 | | D=82°-9.100 Km |
| 4 - 1P | 22 | 31 | 36,5 | : | | MQ | | 13 | 52 | | |
| | | | | : | | MR | | 13 | 57 | | |
| 4 - eP | 22 | 44 | 19 | : | - | eP | | 14 | 23 | 16 | |
| 4 - e | 22 | 49 | 33 | : | | | | 14 | 38 | 34 | |
| 4 - eP | 23 | 41 | 22 | : | - | e | | 14 | 38 | 34 | |
| 1P | 23 | 41 | 29 | : | | 1P | | 15 | 01 | 02 | |

COPY

FUY-DE-DOME- BULLETIN POUR LA PERIODE DU 1er AU 10 NOVEMBRE 1952



| Date | Time | Station | Phase | Time | Station | Phase | Time | Station | Phase |
|--------|-------------------|----------------|-------|---------|---------|---------|------|---------|-----------------|
| 5 Nov. | 15 h. 07 m. 30 s. | | e | 17 Nov. | | eP | 14 | 20 | 47 s. |
| | | | | | | 1P | 14 | 20 | 50 |
| 5 - | 19 47 35 | | L | | | LM | 15 | 01 | |
| | 19 48 | | MQ | | | F | 15 | 25 | |
| | 19 56 | | MR | 17 - | | L | 21 | 40 | |
| | 20 08 | | | | | MQ | 21 | 47 | 30 |
| 5 - | 21 58 32 | | e | 17 - | | eP | 22 | 18 | 01,5 |
| 5 - | 22 58 28 | | eP | | | 18 | 22 | 28 | 28 D=87°=9.700K |
| | 22 58 43 | | 1 | | | L | 22 | 49 | |
| | 23 26 30 | | L | | | MQ | 22 | 57 | |
| | 23 32 | | MQ | | | MR | 23 | 02 | |
| | 23 40 | | MR | | | F | 23 | 30 | |
| 6 - | 01 21 14 | | eP | 17 - | | eP | 23 | 32 | 15 |
| | 01 21 26 | | 1P | | | e | 23 | 33 | 09 |
| 6 - | 02 36 06 | | 1P | | | Ltraces | 00 | 41 | |
| | | | | | | F | 01 | 03 | |
| 6 - | 04 06 46 | | eP | 18 - | | Ltraces | 05 | 54 | |
| | 04 07 04 | | 1 | | | F | 05 | 58 | |
| 6 - | 05 55 01 | | e | 18 - | | LQ | 17 | 52 | |
| | | | | | | MQ | 17 | 58 | |
| 6 - | 11 09 28 | | 1P | | | MR | 18 | 02 | |
| | | | | | | F | 18 | 15 | |
| 6 - | 14 24 32 | | e | 18 - | | eP | 19 | 45 | 49 |
| 6 - | 19 58 20 | | 1P | | | 1P | 19 | 45 | 56 D=90°=10.000 |
| | 20 08 44 | D=85°=9.400Km. | LSKS | | | LSKS | 19 | 56 | 18 |
| | 20 09 00 | | 18 | | | L | 20 | 16 | |
| | 20 25 | | L | | | MR | 20 | 26 | |
| | 20 32 | | MQ | | | | | | |
| 6 - | 20 06 38 | | eP | 18 - | | eP | 20 | 27 | 23 |
| | 20 06 44 | | 1P | | | | | | |
| 6 - | 23 41 35 | | eP | 18 - | | eP | 00 | 05 | 31 |
| 6 - | 23 47 56 | | eP | 19 - | | eP | 00 | 34 | 46 |
| | 23 48 08 | | 1P | | | 1P | 00 | 34 | 58 |
| 7 - | 02 54 22 | | eP | | | Ltraces | 01 | 10 | |
| | 03 00 | | L | | | MR | 01 | 15 | |
| | 03 13 | | M | | | | | | |
| 7 - | 04 07 40 | | e | 19 - | | eP | 01 | 29 | 53 |
| | 04 08 00 | | 1 | | | L | 02 | 05 | |
| 2 - | | | | | | MR | 02 | 13 | |
| 7 - | 06 38 51 | | e | 19 - | | eP | 04 | 47 | 35 |
| | | | | | | L | 05 | 27 | |
| 7 - | 12 21 25 | | eP | 19 - | | MR | 05 | 55 | |
| | 12 21 45 | | 1P | | | | | | |
| 2 - | | | | 19 - | | eP | 06 | 09 | 20 |
| 7 - | 13 54 00 | | eP | | | L | 06 | 48 | |
| | | | | | | MR | 06 | 51 | |
| | | | | | | F | 07 | 10 | |

40 DEC 12 1958

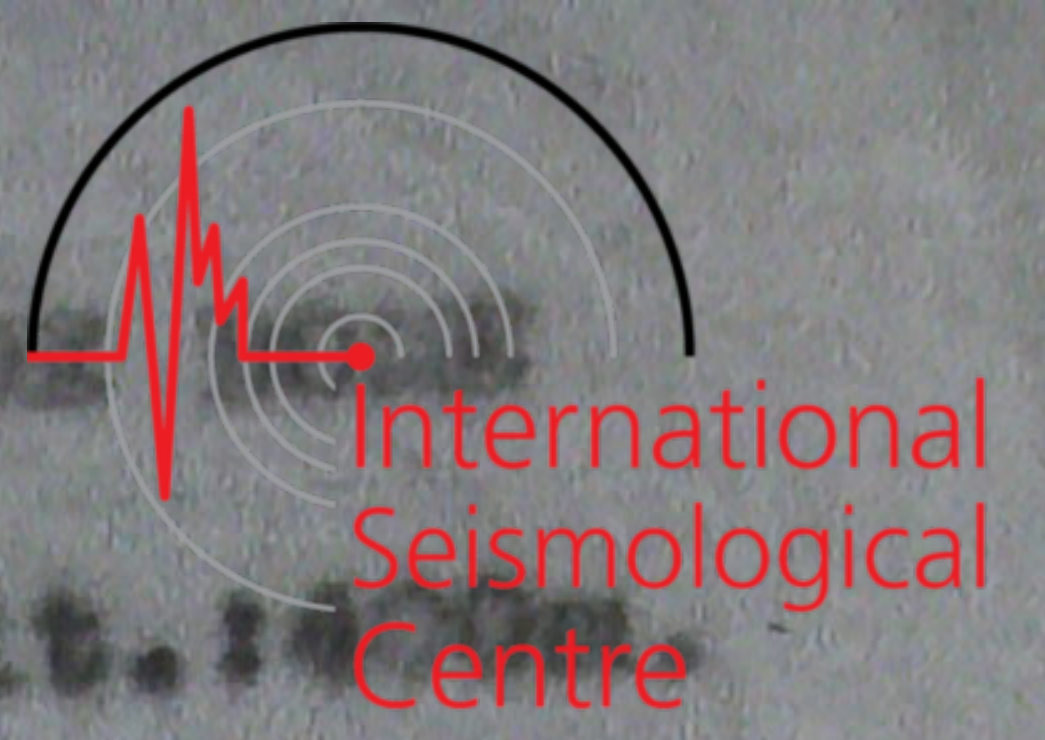
FOY-DE-DOME-BULLETIN POUR LA PERIODE DU 1er AU 30 NOVEMBRE 1958 - SUITE



| | h. | m. | s. | | h. | m. | s. |
|-----------|----|----|------|------------|----|----|-----------------|
| 9 Nov. eP | 15 | 20 | 58 | 10 Nov. eP | 01 | 07 | 40 |
| 9 - eP | 15 | 35 | 05 | 15 | 01 | 17 | 43 |
| 9 - eP | 15 | 43 | 46,5 | L | 01 | 43 | D=85°=9.200 Km. |
| 9 - eP | 16 | 00 | 02 | MR | 01 | 51 | |
| 9 - eP | 16 | 00 | 34 | F | 02 | 05 | |
| 9 - L | 16 | 07 | | 10 - eP | 05 | 38 | 17 |
| 9 - MR | 16 | 19 | | L | 06 | 50 | 30 |
| 9 - F | 17 | 00 | | MR | 06 | 49 | |
| 9 - LR | 21 | 29 | | F | 07 | 20 | |
| 9 - MR | 21 | 36 | | 10 - L | 10 | 26 | |
| 9 - F | 21 | 54 | | 10 - MQ | 10 | 35 | |
| | | | | 10 - F | 10 | 50 | |
| | | | | 10 - 1P | 20 | 38 | 51 |
| | | | | L | 21 | 12 | |
| | | | | MQ | 21 | 21 | |
| | | | | F | 21 | 50 | |

A. ROCHE

40 JAN 8 - 1953



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU VIET NAM

STATION SEISMOLOGIQUE: Coordonnées: L=45°45'48"N l=05°05'09" E Alt. 1200m

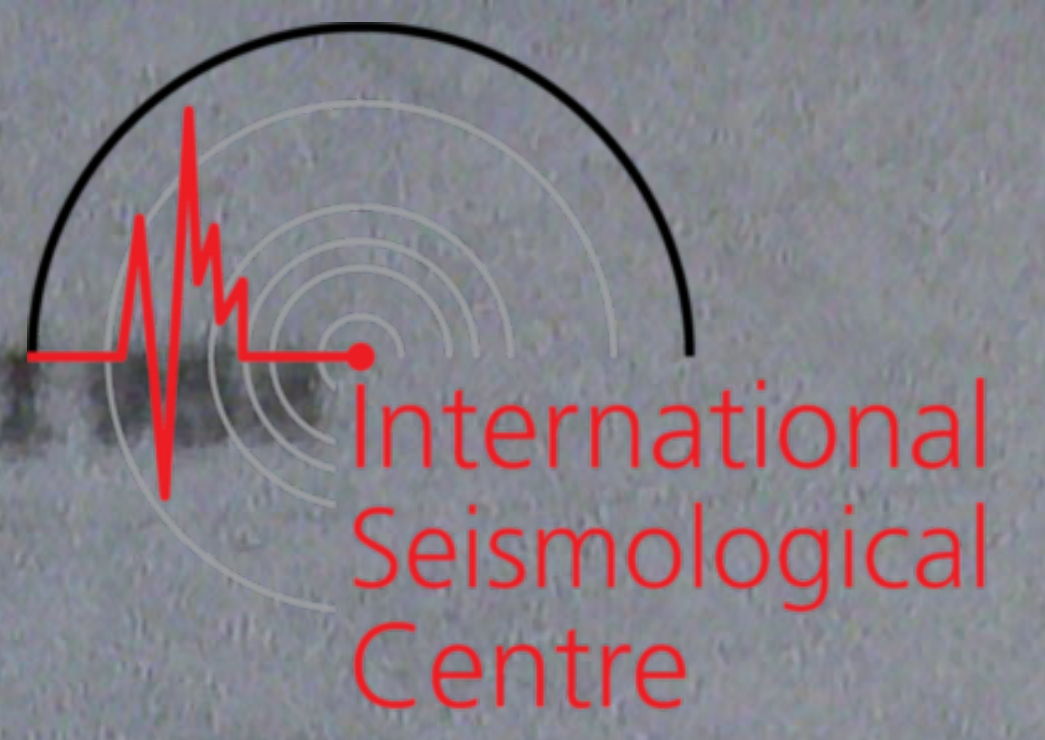
BULLETIN POUR LA PERIODE DU 11 AU 20 NOVEMBRE 1953

| II Nov. aP | 01 h. 05 m. 57 s. | 15 Nov. L | 01 h. 57 m. s. |
|-------------------|--------------------|-------------------|----------------|
| L | 01 42 | F | 02 03 |
| F | 02 15 | | |
| II - 1P | 14 22 50 | 16 - L | 02 34 |
| F | 14 26 | F | 03 09 |
| II - eP | 19 33 02 | 16 - eP | 04 22 52 |
| L | 20 02 | L | 04 46 |
| GM | 20 06 30 | F | 05 55 |
| F | 20 25 | 16 - e | 05 01 24 |
| II - eP | 12 50 54 | L | 05 43 |
| L | 13 53 30 | GM | 05 58 |
| F | 14 02 | F | 10 10 |
| II - L | 14 13 | 16 - L | 13 21 |
| F | 14 40 | F | 13 30 |
| II - L | 17 27 | 16 - e | 15 21 32 |
| F | 18 00 | F | 15 50 |
| II - 1P | 08 11 05 | F | 15 51 |
| 1 | 08 11 11 | 18 - e | 18 10 |
| 12 | 08 21 20 D= 85° | 18 - e | 07 35 04 |
| 1P2 | 08 22 20 9;400 Km. | L | 08 37 |
| eS2 | 08 24 42 | F dans le suivant | |
| LQ | 08 38 | 18 - eP | 08 25 53 |
| GM | 08 45 | LQ | 08 58 |
| F | 09 50 | GM | 09 05 |
| II - 1P | 15 54 57 | F | 10 00 |
| LQ | 16 06 | 18 - L traces | 18 20 |
| GM | 16 15 | 19 - L traces | 07 08 |
| F | 16 50 | 19 - L | 10 27 |
| II - 1P | 22 37 59 | GM | 11 09 |
| 12 | 22 48 25 D= 85° | F | 11 20 |
| LQ | 23 05 = 9.200 Km. | 19 - L | 11 55 |
| GM | 23 08 | F | 12 02 |
| F | 00 05 | 20 - L | 06 05 |
| II - eP | 05 13 36 | GM | 06 18 |
| L | 05 50 | F | 06 30 |
| F dans le suivant | | | |
| II - eP | 05 35 21 | | |
| L | 05 57 | | |
| F | 07 00 | | |

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(SUITE) JAN 8 - 1953 BULLETIN POUR LA PERIODE DU 11 AU 20 NOVEMBRE 1953



| | | | |
|--------|----|----|----|
| 20 Nov | L | 12 | 14 |
| | SN | 12 | 19 |
| | F | 12 | 40 |

| | | | | |
|---------|------|----|----|----|
| 20 Nov. | ep | IS | 49 | 35 |
| | ISKB | IS | 59 | 30 |
| | IS | IS | 00 | 11 |
| | IPB | IS | 01 | 01 |
| | SPBS | IS | 01 | 24 |
| | SB | IS | 08 | 43 |
| | SBBS | IS | 09 | 10 |
| | L | IS | 15 | |
| | R | IS | 19 | |
| | F | IS | 20 | |

D = 87°
= 9,550 Km.

A. ROCHER

COPY

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AN 131953



INSTITUT ET OBSERVATOIRE DE PHYSIQUE DU GLOBE DU VIET NAM
STATION SEISMOLOGIQUE: Coordonnées: $15^{\circ}45'46''$ N $103^{\circ}06'09''$ E Alt.: 1400m.

BULLETIN POUR LA PERIODE DU 21 AU 30 NOVEMBRE 1953

| Date | Type | h. | m. | s. | Time | Type | h. | m. | s. | Distance |
|---------|----------|----|----|----|-------------|----------------|----|----|---------------|---------------|
| 21 Nov. | L | 04 | 04 | | 29 Nov. | 1P | 08 | 34 | | |
| | M | 04 | 18 | | | 1S | 08 | 44 | | SI |
| | F | 04 | 30 | | | I | 08 | 45 | | 00 D=8.750Km. |
| | | | | | | LQ | 08 | 58 | | |
| 22 - | L traces | 06 | 14 | | | MQ | 09 | 06 | | |
| | F | 06 | 19 | | | F | 11 | 20 | | |
| 22 - | eP | 07 | 59 | 11 | 29 - | eP | 23 | 58 | 19 | |
| | I | 08 | 09 | 51 | | 1P | 23 | 58 | 24 | |
| | I | 08 | 10 | 34 | | I | 23 | 58 | 23 D=8.600Km. | |
| | LQ | 08 | 28 | | | 1S | 00 | 08 | 09 | |
| | MQ | 08 | 36 | | | I | 00 | 08 | 18 | |
| | F | 09 | 20 | | | eSS | 23 | 13 | 00 | |
| 24 - | e | 20 | 36 | 06 | | L | 00 | 28 | | |
| | F | 20 | 28 | | | M ₁ | 00 | 35 | | |
| | | | | | | I | 00 | 35 | | |
| | | | | | | F | 01 | 50 | | |
| 26 - | 1P | 13 | 37 | 30 | | | | | | |
| | L | 14 | 18 | | 30 - | eP | 19 | 40 | 56 | |
| | M | 14 | 18 | | | 1S? | 19 | 51 | 09 | |
| | F | 14 | 30 | | | L | 20 | 09 | | |
| | | | | | | M | 20 | 13 | | |
| 27 - | 1P | 07 | 29 | 11 | | F | 21 | 00 | | |
| | F | 07 | 34 | | | | | | | |
| 28 - | 1P | 07 | 28 | 30 | | | | | | |
| | M | 07 | 24 | 30 | résumé pro- | A. HOCHÉ | | | | |
| | F | 07 | 28 | | che | | | | | |
| 28 - | 1P | 08 | 17 | 48 | | | | | | |
| | I | 08 | 18 | 07 | | | | | | |
| | L | 08 | 47 | | | | | | | |
| | M | 08 | 51 | | | | | | | |
| | F | 09 | 30 | | | | | | | |
| 28 - | ePKP | 21 | 20 | 43 | | | | | | |
| | epPKP | 21 | 21 | 14 | | | | | | |
| | eSKP | 21 | 24 | 16 | D=15.000Km. | | | | | |
| | eSS | 21 | 41 | 06 | h=100 Km. | | | | | |
| | eSSB | 21 | 48 | 00 | | | | | | |
| | L | 21 | 57 | | | | | | | |
| | F | 22 | 20 | | | | | | | |

1953 JAN 15 11 41 AM

COPY

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STATION SEISMOLOGIQUE: Coordonnées: L=45°45'48"N L=03°08'09"E Alt.: 420 m.

BULLETIN POUR LA PERIODE DU 1 AU 20 DECEMBRE 1952

| I Déc. | e | 14 h. 44 m. 48 s. | :7: Dés. | L | 17 h. 17 m. s. |
|--------|----------------|------------------------|----------|-------|---------------------|
| | e | 14 44 36 | : | M | 17 29 |
| | | | : | F | 18 00 |
| 2 - | L | 19 44 | : | | 15 36 59 |
| | M | 19 50 | : | e | 15 53 |
| | F | 20 10 | : | L | 16 56 |
| | | | : | M | 17 00 |
| 3 - | L | 23 07 | : | F | |
| | M | 23 20 | : | | 06 03 59 |
| | F | 23 35 | : | eP | 06 08 10 D=2.950Km. |
| | | | : | IS | 06 11 |
| 4 - | eP | 04 03 50 | : | L | 06 16 |
| | 1pP | 04 04 38 | : | M | 07 05 |
| | IS | 04 14 00 D=9.300 Km. | : | F | |
| | 1PS | 04 14 56 Profond | : | | |
| | eSS | 04 20 16 | : | ePKP | 08 25 54 |
| | L | 04 44 | : | L | 08 28 50 |
| | M | 04 50 | : | M | 09 28 50 |
| | F | 05 00 | : | F | 09 50 |
| 5 - | L | 21 11 | : | eP | 09 10 58 |
| | M | 21 15 | : | eSKS | 09 20 56 |
| | F | 21 20 | : | eS | 09 21 13 D=9.400Km. |
| | | | : | ePS | 09 22 00 |
| 6 - | L | 04 24 | : | L | 09 40 |
| | M | 04 30 | : | M | 09 50 |
| | F | 04 45 | : | F | 10 50 |
| 6 - | ePKP | 11 00 46 | : | eL | 01 28 |
| | 1PKP | 11 00 52 | : | M | 01 37 |
| | 1PP | 11 03 32 D= 15.200 Km. | : | F | 02 10 |
| | 1PKS | 11 04 24 | : | | |
| | 1PPS | 11 15 26 | : | L | 21 22 |
| | M _I | 11 57 | : | F | 21 45 |
| | F | 14 20 | : | | |
| 6 - | ePKP | 21 10 01 | : | L | 10 30 |
| | ePP | 21 12 36 | : | F | 10 45 |
| | ePKS | 21 13 38 | : | | |
| | ePPP | 21 15 38 D= 15.200 Km. | : | 1P | 23 08 23 |
| | L | 22 05 | : | IS | 23 12 05 D=2.300Km. |
| | M | 22 14 | : | LR | 23 14 |
| | F | 23 00 | : | MR | 23 18 |
| | | | : | F | 00 20 |
| 7 - | 1P | 01 02 41 | : | | |
| | 1SKS | 01 12 54 | : | L | 10 06 |
| | IS | 01 13 09 D= 9.300 Km. | : | M | 10 11 |
| | 1PS | 01 14 03 | : | F | 10 30 |
| | eSS | 01 18 24 | : | | |
| | eSSS | 01 22 00 | : | L | 11 18 |
| | L | 01 29 | : | M | 11 27 |
| | MQ | 01 41 | : | F | 12 00 |
| | F | 03 00 | : | 1PKP | 19 25 47 |
| | | | : | 1bPKP | 19 26 44 A. ROHR |

COPY

STATION SEISMOLOGIQUE: Coordonnées: L=45°45'46"N L=03°06'09" E Alt. 4000 m.

BULLETIN POUR LA PERIODE DU 21 AU 31 DECEMBRE 1952



| Date | Station | h. | m. | s. | Distance | Date | Station | h. | m. | s. | Distance |
|---------|---------|----|----|-------------|-------------|---------|---------|----|----|------|-------------|
| 21 Dec. | IP | 22 | 36 | 49 | | 26 Dec. | I | 25 | 58 | 26 | |
| | eS | 22 | 46 | 53 | | | I | 00 | 01 | 32 | |
| | ePS | 22 | 47 | 58 | | | I | 00 | 02 | 29 | |
| | LQ | 22 | 57 | | | | F | 00 | 05 | | |
| | MR | 23 | 11 | | | | | | | | |
| | F | 00 | 00 | | D=8.900 Km. | 27 - | IP | 01 | 38 | 06,5 | |
| 24 - | e(IKP) | 08 | 52 | 41 | | | eS | 01 | 48 | 33 | |
| | e | 08 | 52 | 55 | | | ePS | 01 | 49 | 48 | |
| | MQ | 09 | 52 | | | | L | 03 | 10 | | |
| | | | | | | | MQ | 02 | 15 | | D=9.600 Km. |
| | | | | | | | F | 02 | 50 | | |
| 24 - | eIKP | 18 | 58 | 55 | | 28 - | e | 05 | 37 | 40 | |
| | I | 19 | 02 | 22 | | | MQ | 05 | 45 | | |
| | IKP | 19 | 02 | 29 | | | F | 06 | 00 | | |
| | ePPP | 19 | 04 | 15 | | | | | | | |
| | eIKP | 19 | 08 | 30 | D=14.900Km | 28 - | e | 15 | 17 | 38 | |
| | ePPS | 19 | 13 | 22 | | | e | 15 | 20 | 20 | |
| | eSKKS | 19 | 15 | 41 | | | e | 15 | 29 | 50 | |
| | eSS | 19 | 19 | 15 | | | L | 15 | 42 | | |
| | eSSS | 19 | 23 | 50 | | | MQ | 16 | 10 | | |
| | LQ | 19 | 38 | | | | F | 16 | 50 | | |
| | MQ | 19 | 59 | | | 29 - | eP | 02 | 21 | 44 | |
| | F | 21 | 40 | | | | eSKS | 02 | 32 | 03 | |
| 24 - | L | 22 | 53 | | | | eS | 02 | 32 | 15 | |
| | MQ | 22 | 56 | | | | ePS | 02 | 33 | 06 | D=9.400 Km. |
| | F | 23 | 20 | | | | LQ | 02 | 54 | | |
| 25 - | e | 03 | 13 | 17 | | | MQ | 02 | 59 | | |
| | L | 03 | 36 | | | | F | 03 | 30 | | |
| | MQ | 03 | 48 | | | | | | | | |
| | F | | | | | 30 - | L | 12 | 46 | | |
| 25 - | e | 04 | 28 | 05 | | | MQ | 12 | 50 | | |
| | LQ | 04 | 35 | | | | F | 13 | 24 | | |
| | MQ | 04 | 41 | | | 30 - | Ltraces | I4 | 05 | | |
| | F | 05 | 11 | | | | | | | | |
| 25 - | eP | 22 | 32 | 10,5 | | 31 - | eP | I4 | 53 | 16,5 | |
| | (eS) | 22 | 39 | 52 (D=6.000 | | | L | I4 | 59 | 30 | |
| | LQ | 22 | 50 | Km ?) | | | M | I5 | 01 | 50 | |
| | MQ | 23 | 04 | | | | F | I5 | 10 | | |
| | F | 23 | 25 | | | | | | | | |
| 26 - | I | 11 | 34 | 25 | | 31 - | eP | I7 | 23 | 21 | |
| XX - | | | | | | | L | I7 | 29 | 30 | |
| | | | | | | | M | I7 | 31 | 50 | |
| | | | | | | | F | I7 | 43 | | |
| | | | | | | 31 - | L | 22 | 30 | | |
| | | | | | | | MQ | 22 | 37 | | |
| | | | | | | | F | 22 | 50 | | |

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