

INSTITUTO GEOGRAFICO NACIONAL
OBSERVATORIO GEOFISICO DE LOGROÑO
BOLETIN SISMICO PROVISIONAL

JULIO 1.985

(1ª Decena)

Naturaleza del terreno: Mioceno Lacustre

Coordenadas geográficas:

L = 42° 27' 28" Norte

M = 02° 30' 11,7" Oeste

Z = 445,50 metros

NOTA.- Dadas las limitadas existencias de papel fotográfico, se ha suprimido el registro de la componente EH.

CONSTANTES DE LOS SISMOGRAFOS

| Aparatos | Período Péndulo | Período Galvan. | Amplificación Máxima |
|---------------|--------------------|--------------------|-------------------------|
| Stuttgart - Z | 1,30 | 1,30 | 7.500 |
| Stuttgart - N | 1,30 | 1,30 | 6.900 |
| Stuttgart - E | 1,21 | 1,21 | 8.700 |

| Num. de orden | Día | Fase | Componente | Hora TMG | | | T seg. | Amplitud micrones | Dil. o comp. | △ (Km) (Grad) | INFORMACION COMPLEMENTARIAS |
|---------------|-----|--|--------------|--|--|--|--------|-------------------|--------------|--|-----------------------------|
| 352 | 1 | eP ePP eP | ZH NH | 01 02 09,0 04 00,0 | | | | | 5.240 | | |
| 353 | 2 | ePg eSg ePg eSg | ZH NH | 11 03 57,0 04 09,5 11 03 57,0 04 09,5 | | | | | 106 | Duración:80" | |
| 354 | 2 | eP eP | ZH NH | 14 01 02,0 14 01 02,0 | | | | C | | | |
| 355 | 2 | ePg iSg ePg iSg | ZH NH | 14 32 32,5 32 39,5 14 32 32,5 32 39,5 | | | | | 59 | Duración:50" | |
| 356 | 2 | iPg iSg ePg iSg | ZH NH | 15 00 30,5 00 37,0 15 00 30,5 00 37,0 | | | | C | 56 | To.8 A:0.29 MAG:2.2 (LGR) Duración:95" | |
| 357 | 3 | ePKP ePKKP ePP ePKP ePKKP | ZH NH | 03 31 33,0 32 12,0 36 00,0 03 31 33,0 32 12,0 | | | | | 17.825 | | |
| 358 | 3 | ePKP iPKKP iPP ePKP ePKKP ePP | ZH NH | 04 56 11,5 56 25,0 59 45,0 04 56 11,5 56 25,0 59 45,0 | | | | | | | |
| 359 | 3 | ePg iSg ePg iSg | ZH NH | 08 28 10,0 28 16,5 08 28 10,0 28 16,5 | | | | | 56 | To.6 A:0.34 MAG:2.2 (LGR) Duración:50" | |
| 360 | 3 | eP e eP | ZH NH | 16 15 39,0 19 47,0 16 15 39,0 | | | | | | | |
| 361 | 4 | iP eP | ZH NH | 05 15 33,5 05 15 33,5 | | | | C | | | |

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|---------------|-----|-------|------------|----------|------------|--------|-------------------|--------------|---------------|---|
| 362 | 4 | ePn | ZH | 22 | 11 05,5 | | | C | 355 | Tl.3 A:0.75 MAG:3.8 (LGR) Duración:150" |
| | | iPg | | | 11 17,5 | | | | | |
| iSn | | | 11 44,5 | | | | | | | |
| iSg | | | 11 55,0 | | | | | | | |
| | | ePn | NH | 22 | 11 05,5 | | | | | |
| | | iPg | | | 11 17,5 | | | | | |
| | | iSn | | | 11 44,5 | | | | | |
| | | iSg | | | 11 55,0 | | | | | |
| 363 | 5 | eP | ZH | 21 | 42 46,0 | | | | | |
| | | eP | NH | 21 | 42 46,0 | | | | | |
| 364 | 6 | iPKP | ZH | 03 | 57 22,5 | | | 18549 | | |
| | | iPKKP | | | 58 24,0 | | | | | |
| | | iPP | | | 04 02 16,0 | | | | | |
| | | ePKP | NH | 03 | 57 22,5 | | | | | |
| | | ePKKP | | | 58 24,0 | | | | | |
| | | ePP | | | 04 02 16,0 | | | | | |
| 365 | 6 | eP | ZH | 08 | 46 51,0 | | | | | |
| | | eP | NH | 08 | 46 51,0 | | | | | |
| 366 | 7 | eP | ZH | 11 | 38 49,0 | | | | | |
| | | ePP | | | 43 11,0 | | | | | |
| | | eP | NH | 11 | 38 49,0 | | | | | |
| 367 | 8 | eP | ZH | 01 | 41 32,0 | | | | | |
| | | eP | NH | 01 | 41 32,0 | | | | | |
| 368 | 8 | eP" | ZH | 19 | 57 45,0 | | | | | |
| | | eP" | NH | 19 | 57 45,0 | | | | | |
| 369 | 9 | eP | ZH | 22 | 07 17,0 | | | | | |
| | | eP | | | 22 07 17,0 | | | | | |
| 370 | 10 | eP | ZH | 06 | 03 13,0 | | | | | |
| | | eP | NH | 06 | 03 13,0 | | | | | |
| 371 | 10 | ePg | ZH | 10 | 50 19,5 | | | 106 | Duración:85" | |
| | | eSg | | | 50 32,0 | | | | | |
| | | ePg | NH | 10 | 50 19,5 | | | | | |
| | | eSg | | | 50 32,0 | | | | | |

E.Maza Larraz

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(2ª Decena)

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Coordenadas geográficas:

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NOTA.- Dadas las limitadas existencias de papel fotográfico,
se ha suprimido el registro de la componente EH.

CONSTANTES DE LOS SISMOGRAFOS

| Aparatos | Período Péndulo | Período Galvan. | Amplificación Máxima |
|---------------|--------------------|--------------------|-------------------------|
| Stuttgart - Z | 1,30 | 1,30 | 7.500 |
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| Num. de orden | Día | Fase | Componente | Hora TMG | T seg. | Amplitud micrones | Dil. o comp. | Δ (Km) (Grad) | INFORMACION COMPLEMENTARIAS |
|---------------|-----|------------|------------|-----------------------|--------|-------------------|--------------|----------------------|--|
| 372 | 11 | ePg iSg | ZH | 16 12 29,5 12 44,0 | | | | 125 | T 1.2 A:0.90 MAG:3.0 (IGR) Duración:110" |
| | | ePg iSg | NH | 16 12 29,5 12 44,0 | | | | | |
| 373 | 12 | ePg iSg | ZH | 06 32 37,5 32 43,0 | | | | 47 | T 0.9 A:0.68 MAG:2.1 (IGR) Duración:55" |
| | | ePg iSg | NH | 06 32 37,5 32 43,0 | | | | | |
| 374 | 12 | ePg eSg | ZH | 12 08 17,7 08 25,5 | | | | 67 | Duración:55" |
| | | ePg eSg | NH | 12 08 17,7 08 25,5 | | | | | |
| 375 | 13 | eP e | ZH | 19 01 37,0 03 54,0 | | | | | |
| | | eP | NH | 19 01 37,0 | | | | | |
| 376 | 13 | eP | ZH | 19 16 35,0 | | | | | |
| | | eP | NH | 19 16 35,0 | | | | | |
| 377 | 14 | eP | ZH | 12 03 35,0 | | | | | |
| | | eP | NH | 12 03 35,0 | | | | | |
| 378 | 14 | eP | ZH | 15 14 51,0 | | | | | |
| | | eP | NH | 15 14 51,0 | | | | | |
| 379 | 15 | eP | ZH | 00 41 56,0 | | | | | |
| | | eP | NH | 00 41 56,0 | | | | | |
| 380 | 15 | ePg eSg | ZH | 11 05 36,5 05 51,0 | | | | 125 | Duración:85" |
| | | ePg eSg | NH | 11 05 36,5 05 51,0 | | | | | |
| 381 | 16 | ePg eSg | ZH | 11 08 37,0 08 51,5 | | | | 125 | Duración:85" |
| | | ePg eSg | NH | 11 08 37,0 08 51,5 | | | | | |
| 382 | 16 | ePg iSg | ZH | 12 34 58,5 35 05,0 | | | | 56 | T 1.1 a:0.37 MAG:2.1 (IGR) Duración:80" |
| | | ePg iSg | NH | 12 34 58,5 35 05,0 | | | | | |

LOGROÑO (LGR)

MES JULIO

AÑO 1985

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|---------------|-----|------------------------------------|--------------|--|-----|--------|-------------------|--------------|---|-----------------------------|
| 383 | 17 | eP e(PKP) eP | ZH NH | 08 28 51,0 32 02,0 | | | | | | |
| 384 | 17 | ePg eSg ePg eSg | ZH NH | 15 00 17,5 00 28,0 15 00 17,5 00 28,0 | | | | 90 | Duración:65" | |
| 385 | 17 | ePg eSg ePg eSg | ZH NH | 16 52 11,5 52 21,5 16 52 11,5 52 21,5 | | | | 87 | Duración:85" | |
| 386 | 17 | iP ePP iS eP ePP iS | ZH NH | 19 44 08,5 47 20,5 54 32,5 19 44 08,5 47 20,5 54 32,5 | | | D | 9300 | | |
| 387 | 17 | iP eP | ZH NH | 20 43 47,0 20 43 47,0 | | | D | | | |
| 388 | 18 | iPg iSg ePg iSg | ZH NH | 11 35 28,5 35 35,0 11 35 28,5 35 35,0 | | | D | 56 | T 0.6 A:0.39 MAG:2.2 (LGR) Duración:60" | |
| 389 | 18 | eP eP | ZH NH | 21 21 42,0 21 21 42,0 | | | | | | |
| 390 | 18 | eP eP | ZH NH | 21 27 34,0 21 27 34,0 | | | | | | |
| 391 | 18 | eP eP | ZH NH | 22 44 04,5 22 44 04,5 | | | | | | |
| 392 | 19 | iP iS eP iS | ZH NH | 00 28 54,0 31 09,0 00 28 54,0 31 09,0 | 0.8 | 0.25 | C | 1323 | | |
| 393 | 19 | eP eP | ZH NH | 02 03 17,0 02 03 17,0 | | | | | | |

Sec. 1.º - Mod. núm. 36 - 600 ej. - Año 1984 - UNE A - 4

LOGROÑO (LGR)

MES JULIO

AÑO 19 85

| Num. de orden | Día | Fase | Componente | Hora TMG | T seg. | Amplitud micrones | Dil. o comp. | Δ (Km) (Grad) | INFORMACION COMPLEMENTARIAS |
|---------------|-----|------------|------------|-----------------------|----------------|-------------------|--------------|----------------------|-----------------------------|
| 394 | 19 | ePg eSg | ZH | 11 01 40,0 01 50,0 | | | | 84 | Duración: 80" |
| | | ePg eSg | NH | 11 01 40,0 01 50,0 | | | | | |
| 395 | 19 | ePKP | ZH | 14 54 09,0 | | | | | |
| | | ePKP | NH | 14 54 09,0 | | | | | |
| 396 | 20 | iP i(S) | ZH | 01 02 44,0 04 56,5 | 0.9 | 0.26 | C | | |
| | | eP i(S) | NH | 01 02 44,0 04 56,5 | | | | | |
| 397 | 20 | eP | ZH | 13 21 24,0 | | | | | |
| | | eP | NH | 13 21 24,0 | | | | | |
| | | | | | E. Maza Larraz | | | | |

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CONSTANTES DE LOS SISMOGRAFOS

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| Num. de orden | Día | Fase | Componente | Hora TMG | | T seg. | Amplitud micrones | Dil. o comp. | Δ (Km) (Grad) | INFORMACION COMPLEMENTARIAS |
|---------------|-----|--------------------|------------|----------|----------------------|--------|-------------------|--------------|----------------------|-----------------------------|
| 398 | 21 | iP eS | ZH | 13 20 | 37,5 55,0 | | | C | 6780 | |
| | | eP eS | NH | 13 20 | 37,5 55,0 | | | | | |
| 399 | 22 | eP" ePP iPKS | ZH | 09 46 | 12,5 09,5 52,0 | | | | 15500 | |
| | | eP" ePP ePKS | NH | 09 46 | 12,5 09,5 52,0 | | | | | |
| 400 | 22 | iP ePP eS | ZH | 21 37 | 57,5 39,0 27,5 | 1.1 | 0.93 | C | 2902 | |
| | | eP ePP eS | NH | 21 37 | 57,5 39,0 27,5 | | | | | |
| 401 | 23 | ePg eSg | ZH | 09 56 | 48,0 05,5 | | | 139 | Duración:85" | |
| | | ePg eSg | NH | 09 56 | 48,0 05,5 | | | | | |
| 402 | 23 | iSg iSg | ZH | 12 40 | 17,0 | | | | | |
| | | | NH | 12 40 | 17,0 | | | | | |
| 403 | 24 | ePn eSn | ZH | 10 29 | 36,5 54,0 | | | 140 | Duración:85" | |
| | | ePn eSn | NH | 10 29 | 36,5 54,0 | | | | | |
| 404 | 25 | eP | ZH | 00 08 | 47,0 | | | | | |
| | | eP | NH | 00 08 | 47,0 | | | | | |
| 405 | 25 | iP | ZH | 14 12 | 15,0 | | | D | | |
| | | eP | NH | 14 12 | 15,0 | | | | | |
| 406 | 25 | eP | ZH | 17 52 | 58,5 | | | | | |
| | | eP | NH | 17 52 | 58,5 | | | | | |
| 407 | 26 | eP | ZH | 07 16 | 58,5 | | | | | |
| | | eP | NH | 07 16 | 58,5 | | | | | |
| 408 | 26 | iP" | ZH | 12 37 | 48,5 | | | C | | |
| | | eP" | NH | 12 37 | 48,5 | | | | | |

| Num. de orden | Día | Fase | Componente | Hora TMG | | | T seg. | Amplitud micrones | Dil. o comp. | △ (Km) (Grad) | INFORMACION COMPLEMENTARIAS |
|---------------|-----|------|------------|----------|------|------|--------|-------------------|--------------|---------------|-----------------------------|
| 409 | 26 | iP | ZH | 18 | 09 | 27,5 | | | C. | | |
| | | eP | NH | 18 | 09 | 27,5 | | | | | |
| 410 | 27 | eP | ZH | 07 | 42 | 20,0 | | | | | |
| | | eP | NH | 07 | 42 | 20,0 | | | | | |
| 411 | 29 | iP | ZH | 08 | 04 | 10,5 | | C. | 6.083 | | |
| | | iPoP | | 05 | 12,5 | | | | | | |
| | | iPP | | 06 | 15,5 | | | | | | |
| | | iS | | 11 | 50,0 | | | | | | |
| | | iP | NH | 08 | 04 | 10,5 | | | | | |
| | | iPP | | 06 | 15,5 | | | | | | |
| iS | 11 | 50,0 | | | | | | | | | |
| 412 | 29 | ePg | ZH | 16 | 33 | 47,5 | | | 81 | Duración: 70" | |
| | | eSg | | 33 | 57,0 | | | | | | |
| | | ePg | NH | 16 | 33 | 47,5 | | | | | |
| | | eSg | | 33 | 57,0 | | | | | | |
| 413 | 30 | ePg | ZH | 16 | 07 | 26,5 | | | 80 | Duración: 75" | |
| | | eSg | | 07 | 36,0 | | | | | | |
| | | ePg | NH | 11 | 07 | 26,5 | | | | | |
| | | eSg | | 07 | 36,0 | | | | | | |
| 414 | 31 | eP | ZH | 06 | 35 | 28,0 | | | | | |
| | | eP | NH | 06 | 35 | 28,0 | | | | | |
| 415 | 31 | iP | ZH | 07 | 50 | 29,5 | | C. | 9.475 | | |
| | | ePP | | 53 | 47,5 | | | | | | |
| | | eP | NH | 07 | 50 | 29,5 | | | | | |
| 416 | 31 | ePg | ZH | 11 | 05 | 06,5 | | | 81 | Duración: 75" | |
| | | eSg | | 05 | 16,0 | | | | | | |
| | | ePg | NH | 11 | 05 | 06,5 | | | | | |
| | | eSg | | 05 | 16,0 | | | | | | |

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