

OBSERVATORIO SISMOLOGICO DE ALICANTE

RESUMEN MENSUAL DE LAS OBSERVACIONES SISMOLOGICAS

Mes de JUNIO de 1946

Hoja 1

CONSTANTES

Lat. = 38°-21'-19",22 N.
 Long. = 0°-29'-14",06 W. Gr.
 a = 35 metros.
 Subsuelo = Cretáceo Superior

| Sismógrafo | Componente | Masa — Kgs. | Periodo — To | Amplificación — V | Rozamiento — r To² | Amortiguamiento — s |
|------------|------------|-------------------|--------------------|-------------------------|-----------------------------|---------------------------|
| Mainka. | N-S | 1.000 | 12,1 | 0,005 | 5,0 | 485 |
| | E-W. | 1.000 | 12,9 | 0,005 | 5,2 | 490 |
| Wiechert. | Z. | 80 | 3,1 | 0,008 | 3,6 | 220 |

Mod. 10

| Número | Día | Fase | HORA T M G | | | Periodo — S | AMPLITUD | | | Distancia — Km. | OBSERVACIONES |
|------------|-----|---|------------------|--|--|-------------------|----------|------|-------------------|-----------------------|---------------|
| | | | h | m | s | | N | E | Z | | |
| 142 153 | 1 | eL Mo M F | 17 | 06 12 14 39 | 40 42 38 -- | 12 | | +3,0 | | O.L. débiles | |
| 143 154 | 2 | eP PP PP eS PS SS SSS eL Mo M F | 1 | 30 33 35 40 41 45 49 01 07 12 44 | 23 27 11 29 19 47 31 03 59 03 -- | | | | 8.900 80,1 | | |
| 144 N | 3 | P S | 18 | 00 | 34 39 | | | | (30) | h=(25) | |
| 145 157 | 3 | e F | 17 18 | 52 15 | 43 -- | | | | | Trazas | |
| 146 158 | 4 | eL F | 5 6 | 41 12 | 55 -- | | | | | Trazas | |
| 147 161 | 5 | PP SSS PP eL Mo M F | 1 2 2 2 | 16 19 20 05 13 18 57 | 20 12 20 40 20 56 -- | 16 | | +5,6 | (17.000) 153,0 | | |

| Número | Día | Fase | HORA | | | Periodo | AMPLITUD | | | Distancia Km. | OBSERVACIONES |
|-------------------|-----|-----------------|--------|----------|----------|---------|----------|---|-----|-------------------------------------|-----------------------------------|
| | | | h | m | s | | S | N | E | | |
| 148 <i>163</i> | 6 | eP | 10 | 45 | 55 | | | | | 4.700 42. h=40 | 36 8 <u>288</u> |
| | | PP | | 47 | 23 | | | | | | |
| | | PoP | | 47 | 55 | | | | | | |
| | | PIP | | 47 | 07 | | | | | | |
| | | es | 10 | 52 | 18 | | | | | | |
| | | SS | | 55 | 06 | | | | | | |
| | | SSS | | 56 | 05 | | | | | | |
| | | SSS | | 56 | 27 | | | | | | |
| | | eL | | 58 | 59 | | | | | | |
| | | Mo | 11 | 05 | 47 | 12 | mm=5.5 | | | | |
| | | M ₁ | | 11 | 27 | 12 | -5. | | | | |
| | | M ₂ | | 14 | 07 | 12 | +6. | | | | |
| | | F | 12 | 05 | -- | | | | | | |
| 149 <i>164</i> | 7 | 1P | 4 | 25 | 42 | | | | | 8.600 772. ⁰⁴ h=40 | |
| | | PoP | | 25 | 53 | | | | | | |
| | | PP | | 28 | 30 | | | | | | |
| | | PPP | | 30 | 08 | | | | | | |
| | | 1s | | 35 | 30 | | | | | | |
| | | PS | | 36 | 24 | | | | | | |
| | | SSS | | 36 | 52 | | | | | | |
| | | SS | | 40 | 44 | | | | | | |
| | | SSS | | 44 | 00 | | | | | | |
| | | G | | 46 | 28 | | | | | | |
| | | eL | | 51 | 44 | | | | | | |
| | | Mo | | 56 | 28 | | | | | | |
| | | M ₁ | | 59 | 20 | 16 | -14 | | | | |
| M ₂ | 5 | 01 | 32 | 20 | +6.5 | | | | | | |
| F | 6 | 10 | -- | 12 | -3.0 | | | | | | |
| 150 | 7 | e F | 7 8 | 50 07 | 10 -- | | | | | | Trasas. Le jano |
| 151 | 7 | 1P | 6 | 55 | 56 | | | | 18 | | Submarino. H. Alicant |
| | | 13 | | | 59 | | | | | | |
| 152 | 7 | 1P | 6 | 58 | 20 | | | | 18 | | 1ª Réplica |
| | | 15 | | | 24 | | | | | | |
| 153 | 7 | 1P | 8 | 17 | 20 | | | | 18 | | 2ª Réplica |
| | | 15 | | | 30 | | | | | | |
| 154 | 7 | 1P | 14 | 26 | 10 | | | | 18 | | 3ª Réplica |
| 155 | 7 | 1P | 14 | 26 | 56 | | | | 18 | | 4ª Réplica |
| 156 | 9 | eL | 10 | 25 | 40 | | | | | | Trasas débiles. sismo lejano |
| | | F | | | 11 | 54 | -- | | | | |
| 157 <i>168</i> | 9 | Ho | 12 | 11 | 06 | | | | 260 | | Prximo a Guadix. h=24 Grado V0 |
| | | H0 | | | 11 | 10 | | | | | |
| | | 1P | | | 11 | 52 | | | | | |
| | | 1P ₁ | | | 11 | 54 | | | | | |
| | | 1P ₂ | | | 11 | 58 | | | | | |
| | | 1P ₃ | | | 12 | 04 | | | | | |
| | | 1P ₄ | | | 12 | 11 | | | | | |
| | | 1P ₅ | | | 12 | 15 | | | | | |
| | | 1P ₆ | | | 12 | 25 | | | | | |
| | | 1P ₇ | | | 12 | 27 | | | | | |
| | | 1P ₈ | | | 12 | 28 | | | | | |

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| Número | Día | Fase | H O R A | | | Periodo | A M P L I T U D | | | Distancia Km. | OBSERVACIONES |
|--------|-----|----------------|---------|----|----|---------|-----------------|-------|---|------------------|--------------------|
| | | | T | M | G | | S | N | E | | |
| | | | h | m | s | S | N | E | Z | | |
| 158 | 9 | F | 13 | 16 | 41 | | | | | 15 | H.M. Alicante |
| N | | S | | 15 | 43 | | | | | | Grado II |
| 159 | 10 | eP | 7 | 17 | 53 | | | | | (8.000) | Reg. débil |
| N | | es | | 27 | 39 | | | | | 72,0 | |
| | | eL | | 44 | 61 | | | | | | |
| | | F | 8 | 14 | -- | | | | | | |
| 160 | 10 | eL | 17 | 19 | 09 | | | | | | Trazas |
| 119 | | F | 17 | 56 | -- | | | | | | |
| 161 | 12 | eL | 10 | 19 | 02 | | | | | | Muy lejano. Trazas |
| N | | F | 11 | 02 | -- | | | | | | |
| 162 | 12 | e(P) | 16 | 13 | 20 | | | | | (16.000) | |
| | | G | | 54 | 58 | | | | | 144,0 | |
| 172 | | eL | 17 | 06 | 30 | | | | | | |
| | | MO | | 16 | 54 | | | | | | |
| | | M ₁ | | 23 | 58 | 12 | | +6 | | | |
| | | M ₂ | | 29 | 58 | 12 | | -4 | | | |
| | | F | 18 | 02 | -- | | | | | | |
| 163 | 15 | P | 18 | 48 | 57 | | | | | (13.200) | |
| 173 | | PP | | 49 | 42 | | | | | 118,8 | |
| | | SKP | | 51 | 49 | | | | | | |
| | | PS | | 59 | 37 | | | | | | |
| | | SS | 19 | 07 | 07 | | | | | | |
| | | SSS | | 10 | 45 | | | | | | |
| | | G | | 19 | 13 | | | | | | |
| | | eL | | 27 | 21 | | | | | | |
| | | MO | | 37 | 25 | | | | | | |
| | | M | | 48 | 57 | 16 | | -14,0 | | | |
| | | F | 22 | 44 | -- | | | | | | |
| 164 | 16 | eP | 10 | 21 | 11 | | | | | 5.100 | Reg. débil |
| N | | PP | | 23 | 05 | | | | | 45,9 | |
| | | PPP | | 23 | 41 | | | | | | |
| | | es | | 27 | 55 | | | | | | |
| | | SS | | 31 | 05 | | | | | | |
| | | eL | | 34 | 49 | | | | | | |
| | | F | 11 | 05 | -- | | | | | | |
| 165 | 18 | eL | 3 | 00 | 45 | | | | | | Trazas débiles |
| N | | F | 3 | 34 | -- | | | | | | |
| 166 | 19 | IF | 8 | 03 | 13 | | | | | | Local. |
| 167 | 23 | IP | 17 | 25 | 34 | | | | | 8.740 | h=30 |
| 175 | | DP | | 25 | 38 | | | | | 78,77 | |
| | | Pop | | 25 | 46 | | | | | | |
| | | PP | | 28 | 25 | | | | | | |
| | | PPP | | 30 | 14 | | | | | | |
| | | IS | | 35 | 34 | | | | | | |
| | | PS | | 36 | 34 | | | | | | |
| | | SS | | 41 | 13 | | | | | | |
| | | SSS | 17 | 44 | 34 | | | | | | |
| | | G | | 46 | 50 | | | | | | |
| | | IL | | 53 | 34 | | | | | | |
| | | MO | | 55 | 34 | | | | | | |
| | | M ₁ | | 57 | 14 | 16 | | +44,8 | | | |
| | | M ₂ | | 59 | 46 | 12 | | +20,2 | | | |
| | | M ₃ | 18 | 02 | 50 | 16 | | -19,2 | | | |
| | | M ₄ | | 09 | 30 | 16 | | -28,0 | | | |
| | | F | 19 | 05 | -- | | | | | | |

| Número | Día | Fase | H O R A | | | Periodo | AMPLITUD | | | Distancia Km. | OBSERVACIONES |
|--------------------------------|-------------|--|----------|--|--|---------|----------|---|-----------------|---|---------------|
| | | | h | m | s | | S | N | E | | |
| 168 | 23 | eL F | 19 20 | 30 05 | 14 -- | | | | | | |
| 169 | 23 | eL F | 21 22 | 28 14 | 58 -- | | | | | O.L. | |
| 170 | 24 | eL F | 4 5 | 47 10 | 46 -- | | | | | Trazas débiles | |
| 171 177 | 25 | eL F | 14 14 | 55 30 | 14 -- | | | | | | |
| 172 178 | 26 | e(3) F | 6 | 56 59 | 58 08 | | | | (500) | Prox. El Real de la Jara (Sevilla) Sierra Morona | |
| 173 179 | 26 | eP FP eS FS eL F | 8 | 05 09 16 16 34 55 | 50 18 26 58 22 -- | | | | 9.400 84.6 | Reg. débil | |
| 174 180 | 26 | eP P FP SKS SKKS PSKS SS SSS G eL Mo M F | 12 13 | 54 56 00 01 06 10 21 28 46 54 08 13 55 | 44 10 12 38 40 54 20 21 30 32 28 40 -- | | | | 19.500 175.5 | | |
| 175 181 | 26 | e F | 22 23 | 11 15 | 54 -- | | | | | antipodal | |
| 176 182 | 27 | (FP) F | 22 23 | 05 03 | 14 -- | | | | | Antipodal | |
| 177 183 | 28 | eL M F | 8 9 | 09 51 20 | 04 25 -- | 16 | -2.8 | | | | |
| <u>MOVIMIENTO MICROSIEMICO</u> | | | | | | | | | | | |
| 2 | Todo el día | | 6- | 1.5 | | | | | | | |
| 6 | id | | 4- | 1.2 | | | | | | | |
| 12 | id | | 16-20- | 6.8 | | | | | | | |
| 13 | id | | 8- | 1.6 | | | | | | | |
| 14 | id | | 3- | 1.9 | | | | | | | |
| 15 | id | | 12- | 2.0 | | | | | | | |
| 25 | id | | 22-5.5 | | | | | | | | |



Alicante, 30 de Junio de 1946
El Ingeniero Jefe

[Handwritten signature in blue ink]

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