



Universidad Autónoma de Santo Domingo

PRIMADA DE AMERICA
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Facultad de Ciencias

Centro Nacional de Sismología

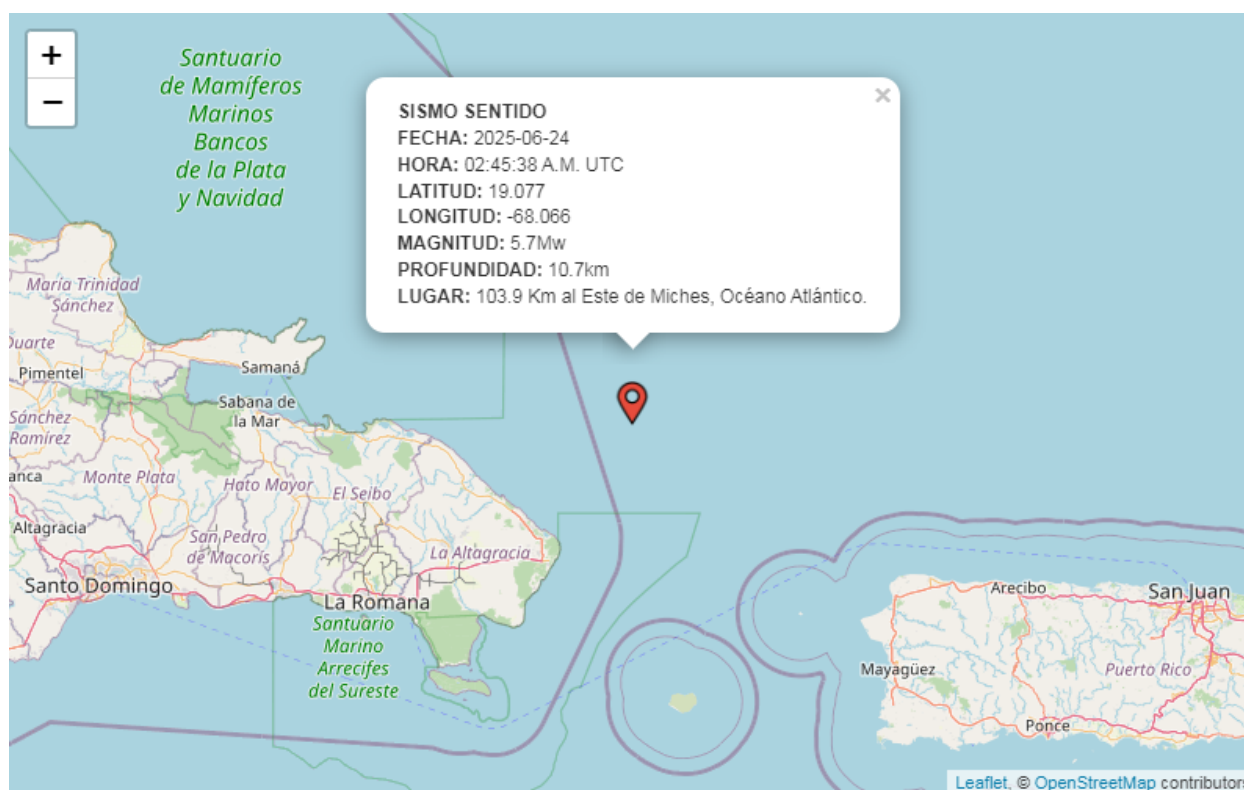
“Año del Rediseño Curricular por Competencias y Consolidación de la Educación Virtual”



INFORME PRELIMINAR DE SISMO SENTIDO

Martes 24 de junio de 2025, 02:45:38 GMT

Lunes 23 de junio de 2025, 10:45:38 P.M. (fecha y hora local)



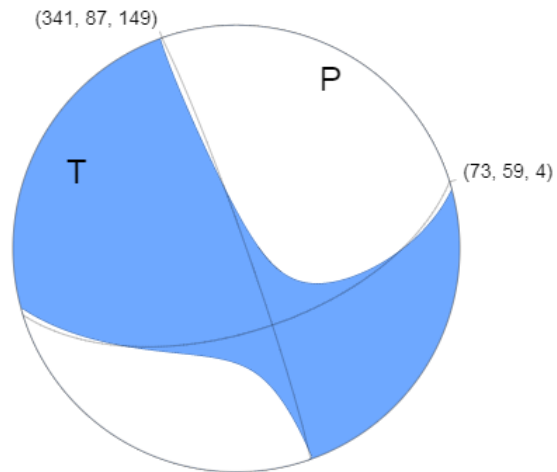
En la noche de este **lunes 23 de junio de 2025, 02:45:38 GMT (10:45:38 P.M. hora local)** se reporta un sismo localizado en Latitud **19.077°** y Longitud **-68.066°** a profundidad de **10.7 km**, de magnitud **5.7Mw** ubicado a **103.9 Km al Este de Miches, Océano Atlántico**; el cual fue sentido en la zona este del territorio nacional, también fue sentido en Puerto Rico e Islas Vírgenes, sin que hasta el momento se hayan registrado daños ni pérdidas.

Dicho evento presenta las informaciones técnicas leídas por nuestra red (CNS-UASD, CU, RSPR, LO) como se muestra a continuación:

| | | | | | | | | | | | | | | | | |
|---|---------|----------|-------|--------|---------|---------|---------|---------|------------|-------------|-------------------|------|---------|--------------|------|-------|
| 2025 | 624 | 0245 | 38.5 | L | 19.077 | -68.065 | 10.8 | DOM | 19 | 1.1 | 5.2 | LDOM | 4.5 | CDOM | 5.4 | WDOM1 |
| SPEC | AVERAGE | MO | 17.2 | | ST103.5 | OM | 5.9 | f00.632 | R2.3852 | AL | 0.00 | WI | 20.0 | MW | 5.4 | 3 |
| SPEC | SD | MO | 0.1 | | ST 92.4 | OM | 0.1 | f00.192 | R0.8547 | AL | | WI | | MW | 0.0 | 3 |
| GAP=170 | | | 2.80 | | 7.4 | | 4.1 | 7.6 | 0.1909E+02 | -0.3119E+01 | | | | -0.1290E+02E | | |
| LOCALITY: 103.9 Km al Este de Miches, oceano Atlantico.(Sentido). | | | | | | | | | | | | | | | | |
| SPEC | CRPRBH | N | MO | 17.2 | ST117.9 | OM | 5.9 | f00.763 | R1.7700 | AL-0.00 | WI | 20.0 | MW | 5.4 | 3 | |
| SPEC | CRPRBH | N | T | 24626 | K 0.020 | GD | 131 | VS 3.65 | DE 2.79 | Q0400.0 | QA | 0.70 | Q1 | 1.00 | 3 | |
| SPEC | NADRBH | N | MO | 17.3 | ST271.7 | OM | 6.0 | f00.896 | R1.5073 | AL-0.00 | WI | 20.0 | MW | 5.5 | 3 | |
| SPEC | NADRBH | N | T | 24634 | K 0.020 | GD | 148 | VS 3.65 | DE 2.79 | Q0400.0 | QA | 0.70 | Q1 | 1.00 | 3 | |
| SPEC | CADRBH | N | MO | 17.2 | ST 86.5 | OM | 5.9 | f00.649 | R2.0809 | AL-0.00 | WI | 20.0 | MW | 5.4 | 3 | |
| SPEC | CADRBH | N | T | 24638 | K 0.020 | GD | 157 | VS 3.65 | DE 2.79 | Q0400.0 | QA | 0.70 | Q1 | 1.00 | 3 | |
| SPEC | SDD | BH | N | MO | 17.1 | ST 10.3 | OM | 5.8 | f00.345 | R3.9145 | AL-0.00 | WI | 20.0 | MW | 5.4 | 3 |
| SPEC | SDD | BH | N | T | 24637 | K 0.020 | GD | 156 | VS 3.65 | DE 2.79 | Q0400.0 | QA | 0.70 | Q1 | 1.00 | 3 |
| SPEC | ABDRBH | N | MO | 17.1 | ST 31.2 | OM | 5.7 | f00.509 | R2.6532 | AL-0.00 | WI | 20.0 | MW | 5.4 | 3 | |
| SPEC | ABDRBH | N | T | 24653 | K 0.020 | GD | 185 | VS 3.65 | DE 2.79 | Q0400.0 | QA | 0.70 | Q1 | 1.00 | 3 | |
| 2025-06-24-0245-005.MAN__117 | | | | | | | | | | | | | | | | |
| OLDACT: | ARG | 25-06-24 | 02:59 | OP:njm | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:06 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:05 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:04 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:04 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:08 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:06 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| ACTION: | UP | 25-06-24 | 14:08 | OP:NJM | STATUS: | | | | | | ID:20250624024500 | | | | | I |
| OLDACT: | UP | 25-06-24 | 14:06 | OP:NJM | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 13:58 | OP:NJM | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 13:52 | OP:NJM | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:17 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:17 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:17 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:13 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:13 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| OLDACT: | UP | 25-06-24 | 03:12 | OP:IGP | STATUS: | | | | | | ID:20250624024500 | | | | | 3 |
| STAT | SP | IPHASW | D | HRMM | SECON | CODA | AMPLIT | PERI | AZIMU | VELO | AIN | AR | TRES | W | DIS | CAZ7 |
| PCDR | BZ | IP | D | 245 | 53.73 | 166 | | | | | 91 | | 1.1510 | 70.7 | 208 | |
| PCDR | BE | IS | C | 246 | 2.29 | | | | | | 91 | | -0.9710 | 70.7 | 208 | |
| PCDR | BE | IAML | | 246 | 4.78 | | 98156.5 | 0.60 | | | | | | 70.7 | 208 | |
| SMDR | BZ | IP | C | 246 | 1.09 | 191 | | | | | 64 | | -0.0610 | 120 | 281 | |
| SMDR | BE | IS | C | 246 | 16.85 | | | | | | 64 | | -1.4910 | 120 | 281 | |
| SMDR | BE | IAML | | 246 | 19.50 | | 43926.7 | 0.75 | | | | | | 120 | 281 | |
| AGPR | BZ | IP | C | 246 | 0.77 | 257 | | | | | 64 | | -0.4910 | 121 | 124 | |
| AGPR | BN | IS | | 246 | 20.52 | | | | | | 64 | | 1.9910 | 121 | 124 | |
| PRSN | BZ | IP | | 246 | 5.64 | 168 | | | | | 53 | | 2.0810 | 136 | 134 | |
| PRSN | BE | IS | | 246 | 21.56 | | | | | | 53 | | -1.0310 | 136 | 134 | |
| HMDR | BZ | IP | D | 246 | 3.30 | 183 | | | | | 53 | | -1.2610 | 142 | 257 | |
| HMDR | BE | IS | C | 246 | 23.45 | | | | | | 53 | | -0.9010 | 142 | 257 | |
| HMDR | BN | IAML | | 246 | 25.17 | | 63381.1 | 0.60 | | | | | | 142 | 257 | |
| CRPR | BZ | IP | C | 246 | 5.39 | 175 | | | | | 46 | | -1.2610 | 157 | 139 | |
| CRPR | BE | IS | C | 246 | 28.32 | | | | | | 46 | | 0.2910 | 157 | 139 | |
| AOPR | BZ | IP | C | 246 | 6.37 | 240 | | | | | 46 | | -0.7610 | 160 | 120 | |
| AOPR | BE | IS | C | 246 | 28.28 | | | | | | 46 | | -0.5810 | 160 | 120 | |
| MLPR | BZ | IP | C | 246 | 6.02 | 206 | | | | | 46 | | -1.4510 | 163 | 139 | |
| MLPR | BE | IS | C | 246 | 29.46 | | | | | | 46 | | -0.0110 | 163 | 139 | |
| NADR | BZ | IP | C | 246 | 10.91 | 217 | | | | | 46 | | -0.2310 | 191 | 280 | |
| NADR | BE | IS | C | 246 | 35.62 | | | | | | 46 | | -0.3210 | 191 | 280 | |
| LONA | EN | IS | | 246 | 37.57 | | | | | | 46 | | 1.2710 | 192 | 280 | |
| CELP | BZ | IP | C | 246 | 12.18 | 144 | | | | | 46 | | 0.7810 | 192 | 125 | |
| CELP | BE | IS | C | 246 | 35.48 | | | | | | 46 | | -0.9010 | 192 | 125 | |
| LONA | EZ | IP | C | 246 | 11.10 | 178 | | | | | 46 | | -0.2510 | 192 | 280 | |
| SDD | BZ | IP | C | 246 | 13.09 | 207 | | | | | 42 | | -0.0810 | 207 | 251 | |
| SDD | BE | IS | C | 246 | 38.54 | | | | | | 42 | | -0.9610 | 207 | 251 | |
| SDD | BN | IAML | | 246 | 43.38 | | 2011.2 | 0.20 | | | | | | 207 | 251 | |
| CADR | BZ | IP | C | 246 | 12.84 | 255 | | | | | 42 | | -0.4210 | 208 | 289 | |
| CADR | BE | IS | | 246 | 40.04 | | | | | | 42 | | 0.3810 | 208 | 289 | |
| CADR | BN | IAML | | 246 | 42.86 | | 9475.3 | 0.20 | | | | | | 208 | 289 | |
| BADR | BZ | IP | C | 246 | 20.57 | 258 | | | | | 42 | | 1.4110 | 254 | 253 | |
| BADR | BE | IS | C | 246 | 50.73 | | | | | | 42 | | 0.6910 | 254 | 253 | |
| BADR | BN | IAML | | 246 | 59.38 | | 46746.8 | 0.35 | | | | | | 254 | 253 | |
| ABDR | BZ | IP | C | 246 | 22.55 | 251 | | | | | 42 | | 0.8410 | 271 | 264 | |
| ABDR | BE | IS | C | 246 | 54.88 | | | | | | 42 | | 0.3510 | 271 | 264 | |
| ABDR | BN | IAML | | 247 | 0.11 | | 58145.2 | 0.65 | | | | | | 271 | 264 | |
| ABDR | BE | IAML | | 247 | 3.48 | | 38753.4 | 1.00 | | | | | | 271 | 264 | |
| SDDR | BZ | IP | | 246 | 31.22 | 219 | | | | | 42 | | 1.4410 | 340 | 269 | |
| SDDR | BE | IS | | 247 | 9.28 | | | | | | 42 | | 0.5410 | 340 | 269 | |
| LOBH | EZ | IP | 3 | 246 | 40.02 | 209 | | | | | 42 | | 2.76 | 2 | 401 | 251 |
| LOBH | EE | IS | 3 | 247 | 24.77 | | | | | | 42 | | 2.86 | 2 | 401 | 251 |
| JIDR | BZ | IP | | 246 | 39.27 | | | | | | 42 | | 1.5210 | 405 | 261 | |
| GRTK | BZ | IP | | 246 | 37.84 | | | | | | 42 | | -1.6510 | 419 | 311 | |
| GRTK | BE | IS | 5 | 247 | 21.25 | | | | | | 42 | | -4.58 | 0 | 419 | 311 |

Su mecanismo focal corresponde a una falla inversa con ligero movimiento lateral, y sus respectivas soluciones como se aprecia en la siguiente tabla de planos nodales:

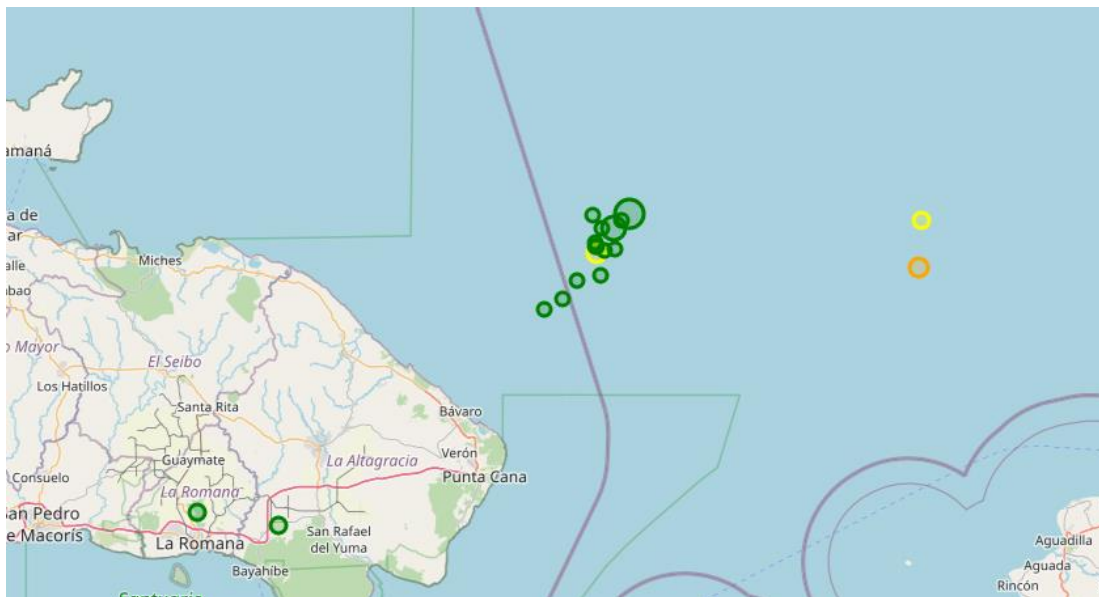
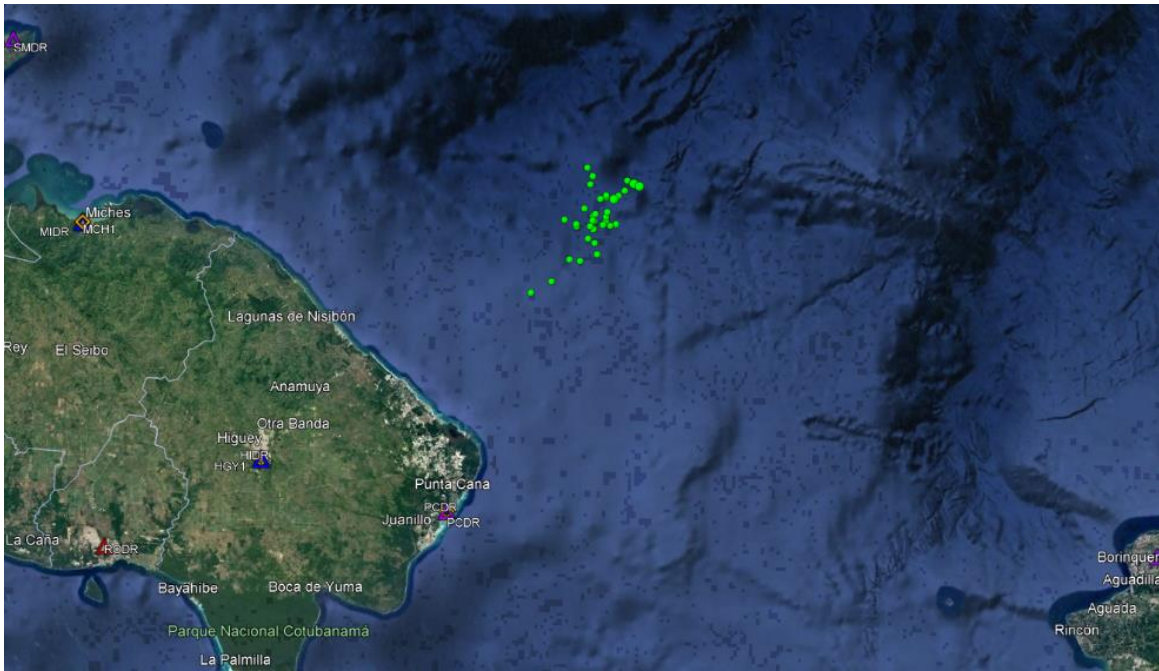
| Plane | Strike | Dip | Rake |
|-------|--------|-----|------|
| NP1 | 341° | 87° | 149° |
| NP2 | 73° | 59° | 4° |



Luego del evento principal, hasta el momento se han registrado más de 50 réplicas, de menor magnitud, se presenta a continuación, el listado con las réplicas ocurridas y posibles eventos inducidos (todavía en actualización), luego del evento principal de magnitud 5.7 Mw:

1. 2025-06-24 02:55:03 18.908 -68.207 24.6 2.6 88.9 Km al Este de Miches, Oceano Atlantico.
2. 2025-06-24 02:57:22 19.008 -68.095 17.0 2.5 100.3 Km al Este de Miches, Oceano Atlantico.
3. 2025-06-24 03:05:41 19.021 -68.136 27.6 2.5 96.1 Km al Este de Miches, Oceano Atlantico.
4. 2025-06-24 03:07:17 19.013 -68.137 24.4 2.7 95.9 Km al Este de Miches, Oceano Atlantico.
5. 2025-06-24 03:10:15 18.946 -68.176 37.5 2.5 91.9 Km al Este de Miches, Oceano Atlantico.
6. 2025-06-24 03:12:11 19.013 -68.113 21.5 2.8 98.5 Km al Este de Miches, Oceano Atlantico.
7. 2025-06-24 03:15:17 19.021 -68.113 23.9 2.8 98.5 Km al Este de Miches, Oceano Atlantico.
8. 2025-06-24 03:20:20 19.053 -68.113 26.4 2.8 98.7 Km al Este de Miches, Oceano Atlantico.
9. 2025-06-24 03:25:42 19.056 -68.092 20.6 3.1 100.9 Km al Este de Miches, Oceano Atlantico.
10. 2025-06-24 03:36:19 19.006 -68.166 26.0 2.8 92.9 Km al Este de Miches, Oceano Atlantico.
11. 2025-06-24 03:44:10 18.982 -68.144 29.3 2.7 95.2 Km al Este de Miches, Oceano Atlantico.
12. 2025-06-24 03:50:29 19.003 -68.141 27.5 3.1 95.5 Km al Este de Miches, Oceano Atlantico.
13. 2025-06-24 03:56:36 19.013 -68.187 33.8 2.7 90.7 Km al Este de Miches, Oceano Atlantico.
14. 2025-06-24 04:24:57 18.998 -68.135 30.0 2.7 96.1 Km al Este de Miches, Oceano Atlantico.
15. 2025-06-24 04:35:45 19.065 -68.081 17.8 2.5 102.2 Km al Este de Miches, Oceano Atlantico.
16. 2025-06-24 04:37:16 19.074 -68.143 16.6 2.5 95.8 Km al Este de Miches, Oceano Atlantico.
17. 2025-06-24 04:39:29 18.956 -68.127 28.8 2.7 97.0 Km al Este de Miches, Oceano Atlantico.
18. 2025-06-24 04:50:17 18.888 -68.243 52.6 2.5 85.4 Km al Este de Miches, Oceano Atlantico.
19. 2025-06-24 05:04:51 19.024 -68.132 26.1 2.6 96.5 Km al Este de Miches, Oceano Atlantico.
20. 2025-06-24 05:07:20 19.050 -68.124 22.5 2.6 97.5 Km al Este de Miches, Oceano Atlantico.
21. 2025-06-24 05:21:52 19.006 -68.118 27.0 2.6 97.9 Km al Este de Miches, Oceano Atlantico.
22. 2025-06-24 05:36:03 19.012 -68.134 25.9 2.5 96.3 Km al Este de Miches, Oceano Atlantico.
23. 2025-06-24 05:55:23 19.082 -68.077 15.1 2.8 102.8 Km al Este de Miches, Oceano Atlantico.
24. 2025-06-24 05:57:50 19.056 -68.114 24.4 2.7 98.6 Km al Este de Miches, Oceano Atlantico.

25. 2025-06-24 06:08:13 19.102 -68.149 24.1 2.7 95.5 Km al Este de Miches, Oceano Atlantico.
26. 2025-06-24 06:26:52 19.050 -68.100 14.3 4.5 100.0 Km al Este de Miches, Oceano Atlantico.
27. 2025-06-24 09:26:56 19.065 -67.452 37.6 2.9 168.1 Km al Este de Miches, Oceano Atlantico.
28. 2025-06-24 09:32:19 18.999 -68.134 23.7 3.6 96.2 Km al Este de Miches, Oceano Atlantico.
29. 2025-06-24 09:40:21 18.972 -67.458 35.4 3.6 108.0 Km al ENE de Punta Cana, Canal de la Mona.
30. 2025-06-24 09:58:11 19.035 -67.440 25.2 3.9 169.2 Km al Este de Miches, Oceano Atlantico.



Informe técnico elaborado por Perla Maldonado, Analista de datos sísmicos

Sección de análisis CNS – UASD

Revisado por: Ramón Delanoy, MSc. Director

Fecha: 24/06/2025