

SGN

Servicio Geológico Nacional

Sismología



Registro de Actividad Sísmica

Período

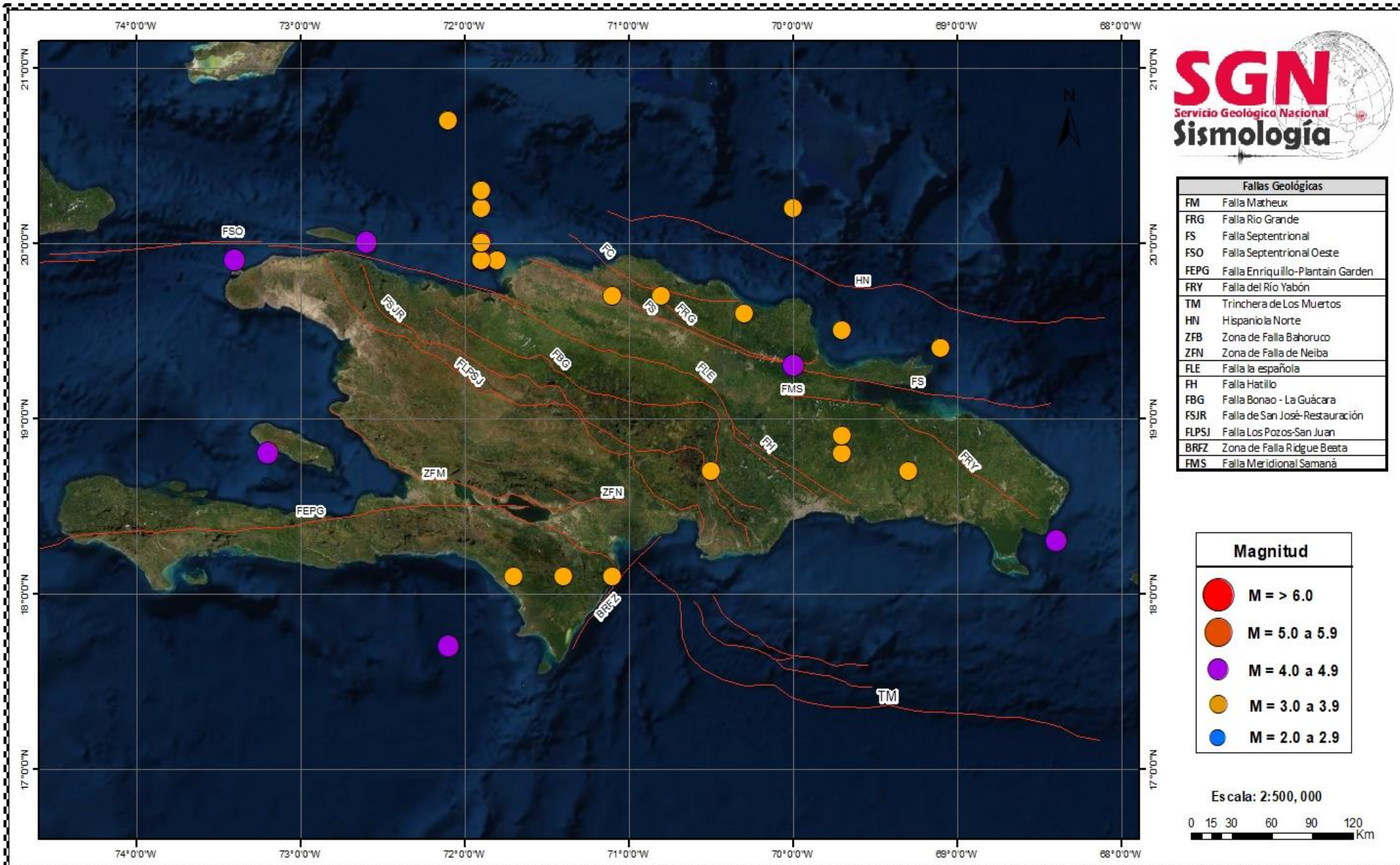
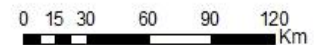
(01/08/2022 – 21/08/2022)



| Fallas Geológicas | |
|-------------------|----------------------------------|
| FM | Falla Matheux |
| FRG | Falla Rio Grande |
| FS | Falla Septentrional |
| FSO | Falla Septentrional Oeste |
| FEPG | Falla Enriquillo-Plantain Garden |
| FRY | Falla del Río Yabón |
| TM | Trincheras de Los Muertos |
| HN | Hispaniola Norte |
| ZFB | Zona de Falla Bahoruco |
| ZFN | Zona de Falla de Neiba |
| FLE | Falla la española |
| FH | Falla Hatillo |
| FBG | Falla Bonaio - La Guácara |
| FSJR | Falla de San José-Restauración |
| FLPSJ | Falla Los Pozos-San Juan |
| BRFZ | Zona de Falla Rigüeze Beata |
| FMS | Falla Meridional Samaná |

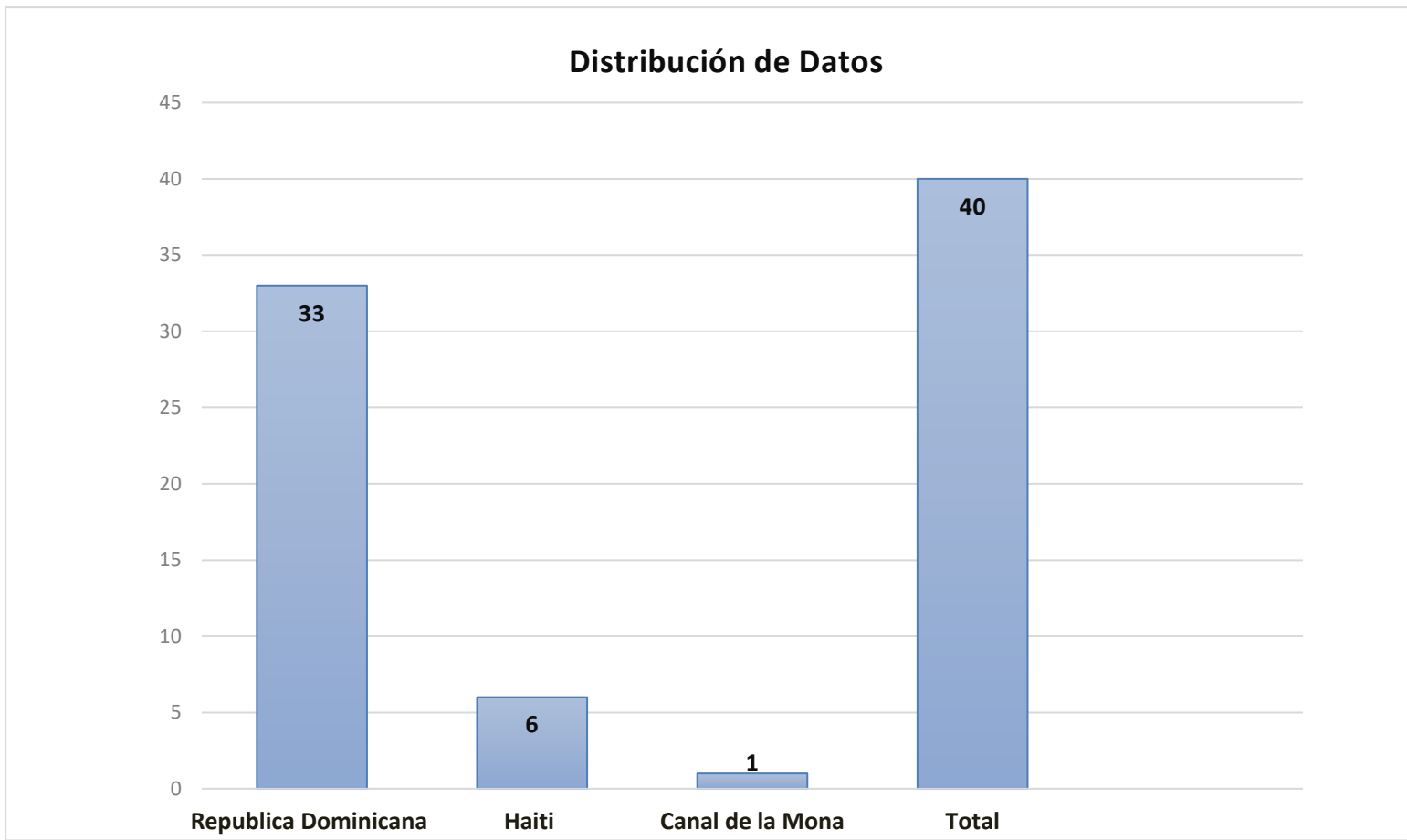
| Magnitud | |
|----------|---------------|
| | M = > 6.0 |
| | M = 5.0 a 5.9 |
| | M = 4.0 a 4.9 |
| | M = 3.0 a 3.9 |
| | M = 2.0 a 2.9 |

Es cala: 2:500, 000



| Fecha | Hora (UTC) | Magnitud | Latitud | Longitud | Profundidad | Institución | Ubicación |
|-----------|----------------|------------|---------|----------|-------------|-------------|----------------------|
| 21/8/2022 | 7:33:01 p. m. | 4.4 | 19.9° N | 73.4° W | 5 km | SGN | Haití |
| 21/8/2022 | 12:50:19 a. m. | 3.8 | 19.4° N | 69.1° W | 5 km | SGN | República Dominicana |
| 20/8/2022 | 1:19:56 p. m. | 3.5 | 18.1° N | 71.4° W | 21 km | SGN | República Dominicana |
| 20/8/2022 | 8:48:25 a. m. | 3.9 | 18.1° N | 71.7° W | 5 km | SGN | República Dominicana |
| 20/8/2022 | 12:27:08 a. m. | 4.2 | 18.8° N | 73.2° W | 5 km | SGN | Haití |
| 19/8/2022 | 10:52:01 p. m. | 3.7 | 19.7° N | 71.1° W | 9 km | SGN | República Dominicana |
| 19/8/2022 | 4:00:41 a. m. | 3.6 | 18.7° N | 69.3° W | 61 km | SGN | República Dominicana |
| 18/8/2022 | 4:21:03 p. m. | 3.8 | 19.5° N | 69.7° W | 4 km | SGN | República Dominicana |
| 17/8/2022 | 6:18:32 a. m. | 3.6 | 18.6° N | 73.5° W | 5 km | SGN | Haití |
| 15/8/2022 | 4:14:56 a. m. | 3.9 | 20.2° N | 70.0° W | 4 km | SGN | República Dominicana |
| 13/8/2022 | 6:29:38 p. m. | 3.9 | 18.8° N | 69.7° W | 88 km | SGN | República Dominicana |
| 13/8/2022 | 3:35:45 a. m. | 3.8 | 19.6° N | 70.3° W | 5 km | SGN | República Dominicana |
| 8/8/2022 | 9:45:41 p. m. | 3.9 | 18.1° N | 71.1° W | 5 km | SGN | República Dominicana |
| 8/8/2022 | 12:09:45 p. m. | 4.4 | 19.3° N | 70.0° W | 7 km | SGN | República Dominicana |
| 8/8/2022 | 3:07:22 a. m. | 3.6 | 19.9° N | 71.9° W | 5 km | SGN | República Dominicana |
| 7/8/2022 | 10:50:09 p. m. | 3.7 | 20.2° N | 71.9° W | 5 km | SGN | República Dominicana |
| 7/8/2022 | 1:55:30 p. m. | 4.1 | 19.9° N | 71.9° W | 5 km | SGN | República Dominicana |
| 7/8/2022 | 4:21:11 a. m. | 3.5 | 18.7° N | 70.5° W | 14 km | SGN | República Dominicana |
| 7/8/2022 | 1:56:50 a. m. | 4.1 | 20.0° N | 71.9° W | 3 km | SGN | República Dominicana |
| 7/8/2022 | 1:33:07 a. m. | 3.5 | 19.7° N | 70.8° W | 13 km | SGN | República Dominicana |
| 6/8/2022 | 9:09:26 a. m. | 3.8 | 20.0° N | 71.9° W | 4 km | SGN | República Dominicana |
| 6/8/2022 | 8:59:08 a. m. | 4.3 | 20.0° N | 71.9° W | 3 km | SGN | República Dominicana |
| 6/8/2022 | 8:57:42 a. m. | 4.3 | 19.9° N | 71.9° W | 2 km | SGN | República Dominicana |
| 6/8/2022 | 8:46:45 a. m. | 4.2 | 18.3° N | 68.4° W | 176 km | SGN | Canal de la Mona |
| 6/8/2022 | 1:40:42 a. m. | 3.7 | 20.0° N | 71.9° W | 6 km | SGN | República Dominicana |
| 5/8/2022 | 10:08:50 p. m. | 4.1 | 20.0° N | 72.6° W | 3 km | SGN | Haití |
| 5/8/2022 | 3:12:37 a. m. | 4.0 | 17.7° N | 72.1° W | 17 km | SGN | Haití |
| 4/8/2022 | 10:25:42 a. m. | 3.8 | 19.9° N | 71.9° W | 5 km | SGN | República Dominicana |
| 4/8/2022 | 3:15:24 a. m. | 3.5 | 19.9° N | 71.9° W | 6 km | SGN | República Dominicana |
| 2/8/2022 | 10:16:51 a. m. | 3.6 | 19.9° N | 71.9° W | 4 km | SGN | República Dominicana |
| 2/8/2022 | 10:10:02 a. m. | 3.5 | 20.0° N | 71.9° W | 4 km | SGN | República Dominicana |
| 2/8/2022 | 8:47:30 a. m. | 3.5 | 19.9° N | 71.8° W | 6 km | SGN | República Dominicana |
| 2/8/2022 | 4:55:39 a. m. | 3.6 | 20.7° N | 72.1° W | 5 km | SGN | Haití |
| 2/8/2022 | 12:15:48 a. m. | 3.7 | 20.0° N | 71.9° W | 3 km | SGN | República Dominicana |
| 1/8/2022 | 11:46:54 a. m. | 3.7 | 18.9° N | 69.7° W | 61 km | SGN | República Dominicana |
| 1/8/2022 | 7:24:13 a. m. | 3.5 | 20.0° N | 71.9° W | 1 km | SGN | República Dominicana |
| 1/8/2022 | 2:34:49 a. m. | 3.7 | 20.3° N | 71.9° W | 5 km | SGN | República Dominicana |

| | | | | | | | |
|----------|---------------|------------|---------|---------|------|-----|----------------------|
| 1/8/2022 | 1:35:46 a. m. | 3.6 | 19.9° N | 71.9° W | 5 km | SGN | República Dominicana |
| 1/8/2022 | 1:33:55 a. m. | 3.5 | 20.0° N | 71.9° W | 5 km | SGN | República Dominicana |
| 1/8/2022 | 1:25:11 a. m. | 3.6 | 20.0° N | 71.8° W | 2 km | SGN | República Dominicana |

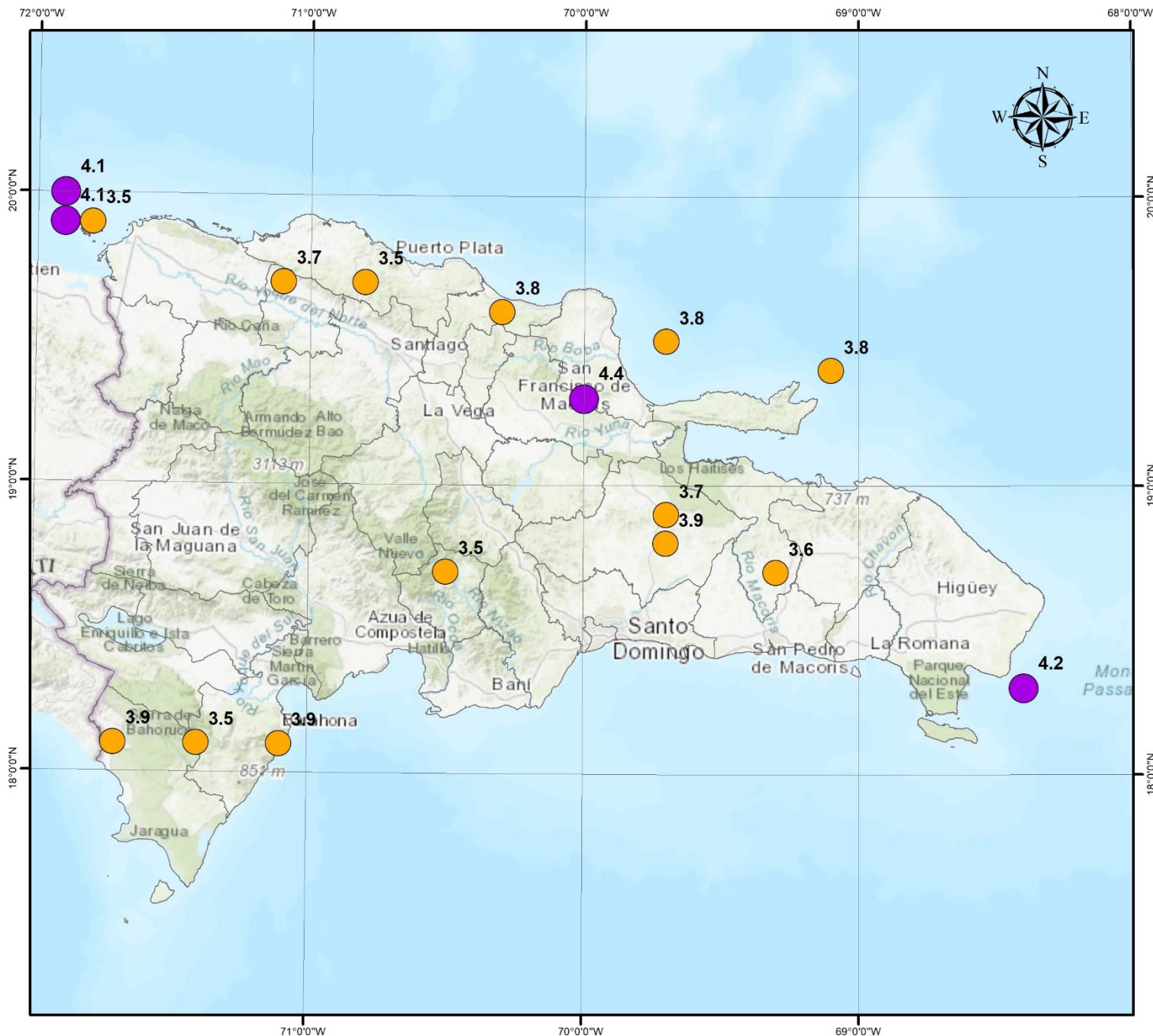
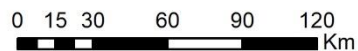




Distribución Sísmica en República Dominicana

| Magnitud | |
|----------|---------------|
| | M = > 6.0 |
| | M = 5.0 a 5.9 |
| | M = 4.0 a 4.9 |
| | M = 3.0 a 3.9 |
| | M = 2.0 a 2.9 |

Escala: 2:500, 000



| Provincias | Sismos | 3.0 a 3.9 | 4.0 a 4.9 | 5.0 a 5.9 | 6.0 a 7.0 |
|------------------------|--------|-----------|-----------|-----------|-----------|
| Barahona | 2 | 2 | | | |
| Pedernales | 1 | 1 | | | |
| Independencia | | | | | |
| Bahoruco | | | | | |
| San Juan | | | | | |
| Azua | | | | | |
| Peravia | | | | | |
| San José de Ocoa | 1 | 1 | | | |
| San Cristóbal | | | | | |
| Elías Piña | | | | | |
| Santo Domingo | | | | | |
| Distrito Nacional | | | | | |
| San Pedro de Macorís | | | | | |
| La Romana | | | | | |
| Hato Mayor | 1 | 1 | | | |
| El Seibo | | | | | |
| La Altagracia | | | | | |
| Monte Plata | 2 | 2 | | | |
| Sánchez Ramírez | | | | | |
| La Vega | | | | | |
| Duarte | | | | | |
| Hermanas Mirabal | | | | | |
| Españillat | 1 | 1 | | | |
| Samaná | | | | | |
| María trinidad Sánchez | 1 | | 1 | | |
| Santiago | | | | | |
| Valverde | 1 | 1 | | | |
| Dajabón | | | | | |
| Monseñor Nouel | | | | | |
| Puerto Plata | 1 | 1 | | | |
| Monte Cristi | | | | | |

Reporte Sismológico

| Fecha / Hora | Coordenadas | Profundidad | Magnitud |
|-----------------------|---------------|-------------|----------|
| 2022-08-04 / 10:25:42 | 19.9 N 71.9 W | 5 Km | 3.8 |

Magnitud

| | | | | |
|---|---|---|--|--|
| ● M = 2.0 a 2.9 | ● M = 3.0 a 3.9 | ● M = 4.0 a 4.9 | ● M = 5.0 a 5.9 | ● M = > 6.0 |
|---|---|---|--|--|

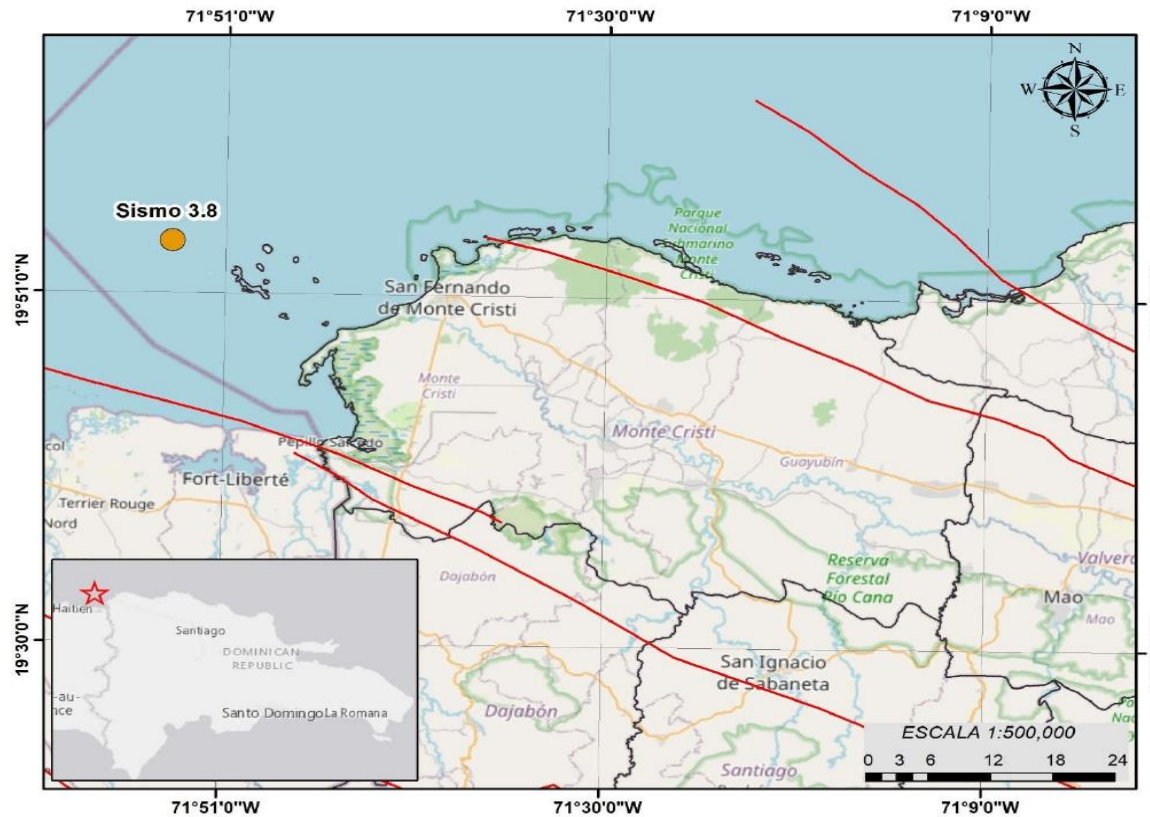


Fig. 1 Mapa epicentral

Información General:

En el día de hoy 04 de agosto de 2022, siendo las 10:25:42 hora internacional, 06:25:42, hora local, se ha producido un temblor de tierra de magnitud 3.8, a una profundidad de 5 kilómetros, con epicentro en latitud 19.9N y longitud 71.9W ubicado al NO de Monte Cristi, oceano Atlántico.

Reporte Sismológico

| Fecha / Hora | Coordenadas | Profundidad | Magnitud |
|-----------------------|---------------|-------------|----------|
| 2022-08-08 / 12:09:45 | 19.3 N 70.0 W | 7 Km | 4.4 |

Magnitud

| | | | | |
|-----------------|-----------------|-----------------|-----------------|-------------|
| ● M = 2.0 a 2.9 | ● M = 3.0 a 3.9 | ● M = 4.0 a 4.9 | ● M = 5.0 a 5.9 | ● M = > 6.0 |
|-----------------|-----------------|-----------------|-----------------|-------------|

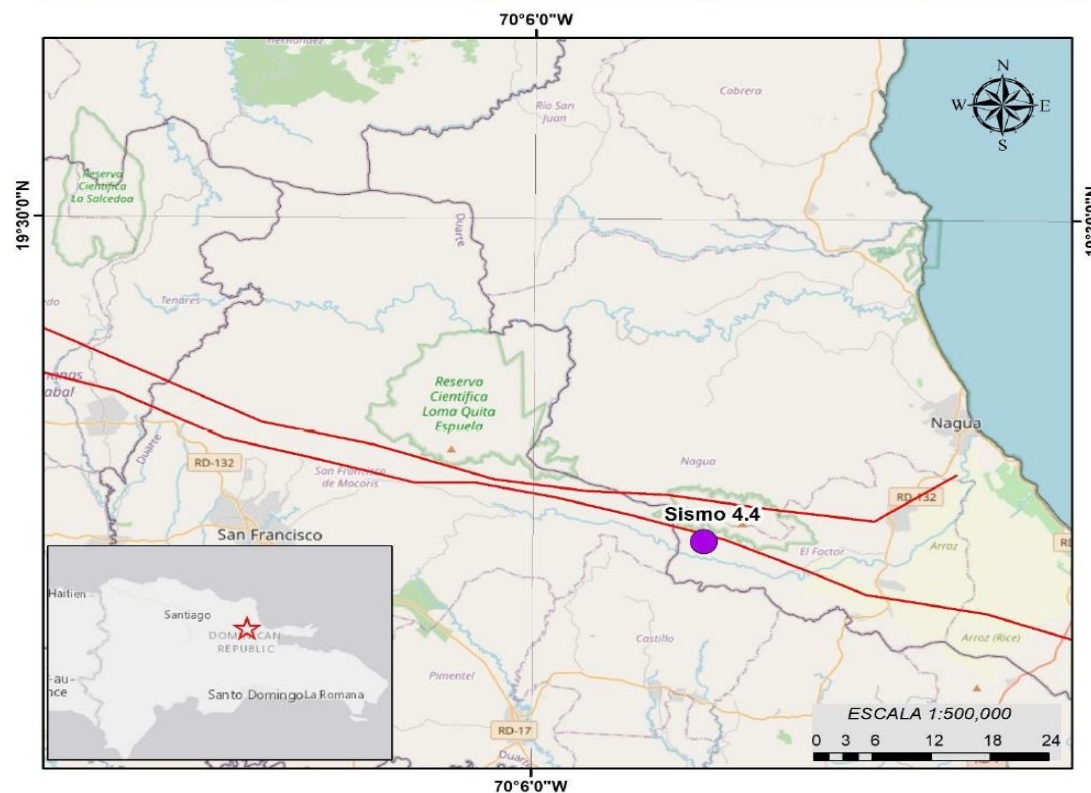


Fig. 1 Mapa epicentral

Información General:

En el día de hoy 08 de agosto de 2022, siendo las 12:09:45 hora internacional, 08:09:45, hora local, se ha producido un temblor de tierra de magnitud 4.4, a una profundidad de 7 kilómetros, con epicentro en latitud 19.3N y longitud 70.0W ubicado al NE de Castillo, Provincia Duarte.

Supervisión Técnica:
Ing. Julio Bautista
Enc. Div. de Sismología

Cartografía:
José Peña
Tecn. GIS

Aprobado Por:
Ing. Edwin García Cocco
Director Ejecutivo