



Boletín Preliminar 08 de réplicas del Sismo del 24 de diciembre de 2019

Mesetas - Meta

RED SISMOLÓGICA NACIONAL DE COLOMBIA (RSNC)

Twitter: @sgcol

Facebook: Servicio Geológico Colombiano

26/12/2019 07:00a.m Hora Local

El día 24 de Diciembre de 2019 a las 02:03:53 P.M. Hora Local (2019-12-24 19:03:53 Hora U.T), se presentó un sismo de magnitud 6.2. La Red Sismológica Nacional de Colombia (RSNC), localizó el evento en área rural del municipio de Mesetas en el departamento del Meta, en las coordenadas 3.43 °N y 74,20°W y profundidad superficial (menor a 30 km). Se reportó como sentido en gran parte del territorio colombiano, teniendo en cuenta reportes a través de la página web, mediante el formulario de “Sismo sentido” <http://sismosentido.sgc.gov.co/>. Hasta la emisión de este boletín, se han presentado 205 réplicas de magnitud mayor o igual a 2 con profundidad superficial menor a 30 km. En la siguiente tabla se recopilan los parámetros epicentrales (ver figura 1).

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|----|---------------------|------|--------|-------------|-----|
| 1 | 2019-12-24 14:03:53 | 3.43 | -74.20 | Superficial | 6.2 |
| 2 | 2019-12-24 14:08:57 | 3.43 | -74.19 | Superficial | 3.9 |
| 3 | 2019-12-24 14:10:14 | 3.46 | -74.20 | Superficial | 3.8 |
| 4 | 2019-12-24 14:11:00 | 3.47 | -74.19 | Superficial | 4.4 |
| 5 | 2019-12-24 14:12:09 | 3.44 | -74.19 | Superficial | 3.8 |
| 6 | 2019-12-24 14:14:25 | 3.47 | -74.18 | Superficial | 3.5 |
| 7 | 2019-12-24 14:15:45 | 3.48 | -74.17 | Superficial | 4.3 |
| 8 | 2019-12-24 14:19:05 | 3.41 | -74.22 | Superficial | 5.7 |
| 9 | 2019-12-24 14:25:21 | 3.45 | -74.21 | Superficial | 4.0 |
| 10 | 2019-12-24 14:26:10 | 3.40 | -74.29 | Superficial | 3.4 |
| 11 | 2019-12-24 14:28:51 | 3.43 | -74.27 | Superficial | 3.2 |
| 12 | 2019-12-24 14:29:23 | 3.5 | -74.53 | Superficial | 3.3 |
| 13 | 2019-12-24 14:29:51 | 3.47 | -74.20 | Superficial | 3.1 |
| 14 | 2019-12-24 14:31:51 | 3.47 | -74.19 | Superficial | 3.2 |
| 15 | 2019-12-24 14:32:58 | 3.48 | -74.18 | Superficial | 3.1 |
| 16 | 2019-12-24 14:33:41 | 3.43 | -74.21 | Superficial | 3.2 |
| 17 | 2019-12-24 14:36:35 | 3.43 | -74.23 | Superficial | 2.7 |
| 18 | 2019-12-24 14:37:25 | 3.43 | -74.18 | Superficial | 2.8 |
| 19 | 2019-12-24 14:38:42 | 3.43 | -74.20 | Superficial | 3.0 |
| 20 | 2019-12-24 14:43:18 | 3.44 | -74.19 | Superficial | 2.4 |
| 21 | 2019-12-24 14:46:05 | 3.45 | -74.22 | Superficial | 2.3 |
| 22 | 2019-12-24 14:46:57 | 3.42 | -74.20 | Superficial | 2.4 |
| 23 | 2019-12-24 14:48:10 | 3.44 | -74.19 | Superficial | 2.9 |
| 24 | 2019-12-24 14:49:36 | 3.42 | -74.19 | Superficial | 2.9 |

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|----|---------------------|-------|--------|-------------|-----|
| 25 | 2019-12-24 14:51:58 | 3.44 | -74.16 | Superficial | 3.0 |
| 26 | 2019-12-24 14:53:35 | 3.43 | -74.21 | Superficial | 3.4 |
| 27 | 2019-12-24 14:56:35 | 3.45 | -74.19 | Superficial | 3.2 |
| 28 | 2019-12-24 14:57:40 | 3.50 | -74.32 | Superficial | 2.9 |
| 29 | 2019-12-24 14:58:47 | 3.41 | -74.24 | Superficial | 3.7 |
| 30 | 2019-12-24 15:01:24 | 3.46 | -74.17 | Superficial | 2.8 |
| 31 | 2019-12-24 15:03:04 | 3.46 | -74.16 | Superficial | 2.6 |
| 32 | 2019-12-24 15:05:00 | 3.42 | -74.19 | Superficial | 3.0 |
| 33 | 2019-12-24 15:06:47 | 3.44 | -74.19 | Superficial | 2.4 |
| 34 | 2019-12-24 15:09:48 | 3.45 | -74.22 | Superficial | 2.0 |
| 35 | 2019-12-24 15:11:15 | 3.45 | -74.20 | Superficial | 4.3 |
| 36 | 2019-12-24 15:13:21 | 3.42 | -74.21 | Superficial | 3.4 |
| 37 | 2019-12-24 15:16:14 | 3.44 | -74.21 | Superficial | 2.4 |
| 38 | 2019-12-24 15:19:07 | 3.50 | -74.16 | Superficial | 2.2 |
| 39 | 2019-12-24 15:23:25 | 3.42 | -74.19 | Superficial | 4.1 |
| 40 | 2019-12-24 15:25:46 | 3.42 | -74.20 | Superficial | 2.9 |
| 41 | 2019-12-24 15:26:21 | 3.42 | -74.19 | Superficial | 3.4 |
| 42 | 2019-12-24 15:27:24 | 3.42 | -74.20 | Superficial | 2.9 |
| 43 | 2019-12-24 15:27:46 | 3.43 | -73.95 | Superficial | 2.9 |
| 44 | 2019-12-24 15:32:10 | 3.46 | -74.19 | Superficial | 2.5 |
| 45 | 2019-12-24 15:39:13 | 3.59 | -74.44 | Superficial | 2.3 |
| 46 | 2019-12-24 15:40:14 | 3.43 | -74.20 | Superficial | 2.2 |
| 47 | 2019-12-24 15:43:09 | 3.45 | -74.20 | Superficial | 2.0 |
| 48 | 2019-12-24 15:44:15 | 3.45 | -74.22 | Superficial | 2.0 |
| 49 | 2019-12-24 15:46:33 | 3.39 | -74.19 | Superficial | 2.1 |
| 50 | 2019-12-24 15:50:37 | 3.45 | -74.22 | Superficial | 2.1 |
| 51 | 2019-12-24 15:56:08 | 3.42 | -74.21 | Superficial | 2.2 |
| 52 | 2019-12-24 15:58:54 | 3.43 | -74.22 | Superficial | 2.1 |
| 53 | 2019-12-24 16:01:48 | 3.49 | -74.14 | Superficial | 2.2 |
| 54 | 2019-12-24 16:02:27 | 3.45 | -74.23 | Superficial | 2.1 |
| 55 | 2019-12-24 16:10:35 | 3.45 | -74.18 | Superficial | 2.5 |
| 56 | 2019-12-24 16:12:06 | 3.50 | -74.20 | Superficial | 2.1 |
| 57 | 2019-12-24 16:17:24 | 3.40 | -74.20 | Superficial | 2.7 |
| 58 | 2019-12-24 16:22:26 | 3.41 | -74.19 | Superficial | 2.2 |
| 59 | 2019-12-24 16:25:47 | 3.46 | -74.18 | Superficial | 2.4 |
| 60 | 2019-12-24 16:28:16 | 3.29 | -74.38 | Superficial | 2.1 |
| 61 | 2019-12-24 16:34:48 | 3.44 | -74.24 | Superficial | 2.4 |
| 62 | 2019-12-24 16:38:29 | 3.42 | -74.20 | Superficial | 2.5 |
| 63 | 2019-12-24 16:45:08 | 03.08 | -74.12 | Superficial | 3.1 |
| 64 | 2019-12-24 16:45:48 | 3.45 | -74.20 | Superficial | 3.1 |
| 65 | 2019-12-24 16:47:25 | 3.43 | -74.19 | Superficial | 2.8 |
| 66 | 2019-12-24 16:49:03 | 3.44 | -74.23 | Superficial | 2.4 |

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|-----|---------------------|------|--------|-------------|-----|
| 67 | 2019-12-24 16:51:17 | 3.44 | -74.20 | Superficial | 2.0 |
| 68 | 2019-12-24 16:54:33 | 3.44 | -74.17 | Superficial | 2.2 |
| 69 | 2019-12-24 16:56:08 | 3.25 | -74.38 | Superficial | 2.3 |
| 70 | 2019-12-24 16:56:48 | 3.43 | -74.24 | Superficial | 2.5 |
| 71 | 2019-12-24 17:05:36 | 3.44 | -74.21 | Superficial | 2.8 |
| 72 | 2019-12-24 17:24:24 | 3.42 | -74.19 | Superficial | 2.0 |
| 73 | 2019-12-24 17:28:02 | 3.42 | -74.17 | Superficial | 2.3 |
| 74 | 2019-12-24 17:38:59 | 3.46 | -74.18 | Superficial | 2.2 |
| 75 | 2019-12-24 17:47:39 | 3.42 | -74.20 | Superficial | 3.0 |
| 76 | 2019-12-24 17:54:00 | 3.43 | -74.18 | Superficial | 2.0 |
| 77 | 2019-12-24 17:57:55 | 3.45 | -74.19 | Superficial | 2.2 |
| 78 | 2019-12-24 18:03:23 | 3.43 | -74.20 | Superficial | 2.1 |
| 79 | 2019-12-24 18:07:14 | 3.44 | -74.22 | Superficial | 2.3 |
| 80 | 2019-12-24 18:08:32 | 3.50 | -74.17 | Superficial | 2.0 |
| 81 | 2019-12-24 18:14:23 | 3.43 | -74.20 | Superficial | 2.5 |
| 82 | 2019-12-24 18:15:07 | 3.42 | -74.18 | Superficial | 3.3 |
| 83 | 2019-12-24 18:19:13 | 3.42 | -74.19 | Superficial | 2.2 |
| 84 | 2019-12-24 18:20:34 | 3.48 | -74.19 | Superficial | 2.2 |
| 85 | 2019-12-24 18:24:17 | 3.42 | -74.19 | Superficial | 2.2 |
| 86 | 2019-12-24 18:29:55 | 3.42 | -74.18 | Superficial | 2.0 |
| 87 | 2019-12-24 18:34:18 | 3.41 | -74.18 | Superficial | 2.5 |
| 88 | 2019-12-24 18:45:56 | 3.42 | -74.19 | Superficial | 2.0 |
| 89 | 2019-12-24 18:51:14 | 3.43 | -74.16 | Superficial | 3.3 |
| 90 | 2019-12-24 18:55:47 | 3.47 | -74.21 | Superficial | 2.7 |
| 91 | 2019-12-24 19:05:32 | 3.45 | -74.17 | Superficial | 2.3 |
| 92 | 2019-12-24 19:12:06 | 3.42 | -74.18 | Superficial | 4.4 |
| 93 | 2019-12-24 19:16:13 | 3.41 | -74.18 | Superficial | 2.4 |
| 94 | 2019-12-24 19:17:28 | 3.47 | -74.18 | Superficial | 2.4 |
| 95 | 2019-12-24 19:20:45 | 3.47 | -74.17 | Superficial | 3.2 |
| 96 | 2019-12-24 19:23:21 | 3.43 | -74.21 | Superficial | 2.3 |
| 97 | 2019-12-24 19:25:01 | 3.43 | -74.15 | Superficial | 4.8 |
| 98 | 2019-12-24 19:28:21 | 3.45 | -74.21 | Superficial | 2.6 |
| 99 | 2019-12-24 19:31:04 | 3.43 | -74.21 | Superficial | 2.1 |
| 100 | 2019-12-24 19:33:32 | 3.45 | -74.20 | Superficial | 2.1 |
| 101 | 2019-12-24 19:34:02 | 3.43 | -74.22 | Superficial | 2.0 |
| 102 | 2019-12-24 19:34:59 | 3.43 | -74.18 | Superficial | 2.1 |
| 103 | 2019-12-24 20:12:15 | 3.44 | -74.16 | Superficial | 2.3 |
| 104 | 2019-12-24 20:18:44 | 3.44 | -74.19 | Superficial | 2.6 |
| 105 | 2019-12-24 20:37:56 | 3.41 | -74.19 | Superficial | 2.0 |
| 106 | 2019-12-24 20:40:54 | 3.44 | -74.21 | Superficial | 2.1 |
| 107 | 2019-12-24 20:43:24 | 3.44 | -74.20 | Superficial | 2.1 |
| 108 | 2019-12-24 20:48:13 | 3.42 | -74.17 | Superficial | 2.2 |

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|-----|---------------------|------|--------|-------------|-----|
| 109 | 2019-12-24 20:56:01 | 3.41 | -74.19 | Superficial | 2.0 |
| 110 | 2019-12-24 21:11:23 | 3.43 | -74.15 | Superficial | 5.0 |
| 111 | 2019-12-24 21:14:10 | 3.44 | -74.19 | Superficial | 3.4 |
| 112 | 2019-12-24 21:15:27 | 3.45 | -74.21 | Superficial | 2.9 |
| 113 | 2019-12-24 21:17:04 | 3.44 | -74.18 | Superficial | 2.7 |
| 114 | 2019-12-24 21:20:59 | 3.39 | -74.30 | Superficial | 2.6 |
| 115 | 2019-12-24 21:23:12 | 3.40 | -74.19 | Superficial | 3.9 |
| 116 | 2019-12-24 21:29:51 | 3.43 | -74.15 | Superficial | 2.1 |
| 117 | 2019-12-24 21:31:00 | 3.44 | -74.20 | Superficial | 2.2 |
| 118 | 2019-12-24 21:33:13 | 3.44 | -74.21 | Superficial | 2.7 |
| 119 | 2019-12-24 21:35:35 | 3.46 | -74.20 | Superficial | 3.3 |
| 120 | 2019-12-24 21:39:04 | 3.44 | -74.20 | Superficial | 2.7 |
| 121 | 2019-12-24 21:42:21 | 3.42 | -74.16 | Superficial | 3.5 |
| 122 | 2019-12-24 21:52:33 | 3.47 | -74.17 | Superficial | 2.5 |
| 123 | 2019-12-24 21:57:08 | 3.44 | -74.21 | Superficial | 2.6 |
| 124 | 2019-12-24 22:01:40 | 3.45 | -74.23 | Superficial | 2.1 |
| 125 | 2019-12-24 22:03:45 | 3.46 | -74.17 | Superficial | 2.2 |
| 126 | 2019-12-24 22:08:36 | 3.47 | -74.19 | Superficial | 2.1 |
| 127 | 2019-12-24 22:10:36 | 3.45 | -74.19 | Superficial | 2.3 |
| 128 | 2019-12-24 22:12:15 | 3.42 | -74.18 | Superficial | 3.8 |
| 129 | 2019-12-24 22:29:10 | 3.48 | -74.20 | Superficial | 2.4 |
| 130 | 2019-12-24 22:29:59 | 3.46 | -74.21 | Superficial | 2.8 |
| 131 | 2019-12-24 22:30:42 | 3.48 | -74.18 | Superficial | 2.8 |
| 132 | 2019-12-24 22:38:50 | 3.44 | -74.19 | Superficial | 2.6 |
| 133 | 2019-12-24 22:41:20 | 3.43 | -74.19 | Superficial | 2.5 |
| 134 | 2019-12-24 23:01:18 | 3.43 | -74.18 | Superficial | 2.0 |
| 135 | 2019-12-24 23:08:29 | 3.44 | -74.28 | Superficial | 2.1 |
| 136 | 2019-12-24 23:11:26 | 3.43 | -74.31 | Superficial | 2.3 |
| 137 | 2019-12-24 23:21:19 | 3.48 | -74.18 | Superficial | 2.6 |
| 138 | 2019-12-24 23:40:14 | 3.44 | -74.18 | Superficial | 3.2 |
| 139 | 2019-12-24 23:48:58 | 3.23 | -74.41 | Superficial | 2.0 |
| 140 | 2019-12-24 23:50:46 | 3.42 | -74.23 | Superficial | 2.0 |
| 141 | 2019-12-24 23:53:50 | 3.47 | -74.19 | Superficial | 2.0 |
| 142 | 2019-12-24 23:59:59 | 3.44 | -74.25 | Superficial | 2.1 |
| 143 | 2019-12-25 0:10:19 | 3.43 | -74.17 | Superficial | 3.1 |
| 144 | 2019-12-25 0:16:42 | 3.43 | -74.18 | Superficial | 3.0 |
| 145 | 2019-12-25 0:22:26 | 3.44 | -74.19 | Superficial | 4.0 |
| 146 | 2019-12-25 0:32:15 | 3.43 | -74.22 | Superficial | 2.1 |
| 147 | 2019-12-25 0:51:33 | 3.44 | -74.19 | Superficial | 2.2 |
| 148 | 2019-12-25 1:21:48 | 3.31 | -74.27 | Superficial | 2.0 |
| 149 | 2019-12-25 1:23:40 | 3.43 | -74.22 | Superficial | 2.2 |
| 150 | 2019-12-25 1:25:43 | 3.47 | -74.22 | Superficial | 2.1 |

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|-----|---------------------|------|--------|-------------|-----|
| 151 | 2019-12-25 1:39:47 | 3.44 | -74.20 | Superficial | 2.0 |
| 152 | 2019-12-25 1:43:36 | 3.46 | -74.20 | Superficial | 2.0 |
| 153 | 2019-12-25 1:49:33 | 3.46 | -74.25 | Superficial | 2.1 |
| 154 | 2019-12-25 1:57:05 | 3.45 | -74.17 | Superficial | 3.2 |
| 155 | 2019-12-25 2:05:01 | 3.46 | -74.19 | Superficial | 3.3 |
| 156 | 2019-12-25 2:22:45 | 3.45 | -74.23 | Superficial | 2.3 |
| 157 | 2019-12-25 2:38:31 | 3.42 | -74.19 | Superficial | 2.1 |
| 158 | 2019-12-25 2:43:16 | 3.44 | -74.20 | Superficial | 2.7 |
| 159 | 2019-12-25 2:48:24 | 3.44 | -74.21 | Superficial | 2.2 |
| 160 | 2019-12-25 3:52:49 | 3.44 | -74.17 | Superficial | 3.8 |
| 161 | 2019-12-25 4:31:13 | 3.46 | -74.19 | Superficial | 3.2 |
| 162 | 2019-12-25 4:39:43 | 3.41 | -74.19 | Superficial | 2.6 |
| 163 | 2019-12-25 4:44:29 | 3.47 | -74.19 | Superficial | 3.4 |
| 164 | 2019-12-25 4:52:59 | 3.40 | -74.17 | Superficial | 2.2 |
| 165 | 2019-12-25 4:56:10 | 3.43 | -74.21 | Superficial | 2.6 |
| 166 | 2019-12-25 5:10:58 | 3.44 | -74.19 | Superficial | 3.0 |
| 167 | 2019-12-25 5:25:53 | 3.43 | -74.17 | Superficial | 4.2 |
| 168 | 2019-12-25 5:31:03 | 3.43 | -74.19 | Superficial | 3.8 |
| 169 | 2019-12-25 5:39:56 | 3.46 | -74.21 | Superficial | 3.9 |
| 170 | 2019-12-25 5:55:01 | 3.46 | -74.19 | Superficial | 3.0 |
| 171 | 2019-12-25 6:45:57 | 3.47 | -74.21 | Superficial | 2.1 |
| 172 | 2019-12-25 7:26:45 | 3.43 | -74.19 | Superficial | 2.9 |
| 173 | 2019-12-25 7:45:52 | 3.41 | -74.22 | Superficial | 2.1 |
| 174 | 2019-12-25 7:48:22 | 3.45 | -74.25 | Superficial | 2.3 |
| 175 | 2019-12-25 8:13:08 | 3.37 | -74.23 | Superficial | 3.0 |
| 176 | 2019-12-25 8:17:40 | 3.41 | -74.18 | Superficial | 3.1 |
| 177 | 2019-12-25 8:44:14 | 3.44 | -74.19 | Superficial | 2.5 |
| 178 | 2019-12-25 9:19:06 | 3.41 | -74.18 | Superficial | 2.2 |
| 179 | 2019-12-25 9:37:25 | 3.42 | -74.19 | Superficial | 2.5 |
| 180 | 2019-12-25 9:47:16 | 3.42 | -74.17 | Superficial | 2.3 |
| 181 | 2019-12-25 10:29:43 | 3.44 | -74.20 | Superficial | 2.2 |
| 182 | 2019-12-25 12:00:33 | 3.44 | -74.19 | Superficial | 2.3 |
| 183 | 2019-12-25 13:43:11 | 3.45 | -74.17 | Superficial | 2.5 |
| 184 | 2019-12-25 14:09:21 | 3.43 | -74.19 | Superficial | 3.0 |
| 185 | 2019-12-25 14:51:19 | 3.42 | -74.19 | Superficial | 2.0 |
| 186 | 2019-12-25 16:03:46 | 3.42 | -74.18 | Superficial | 2.9 |
| 187 | 2019-12-25 16:10:11 | 3.43 | -74.21 | Superficial | 2.3 |
| 188 | 2019-12-25 17:02:09 | 3.44 | -74.19 | Superficial | 2.6 |
| 189 | 2019-12-25 18:22:37 | 3.41 | -74.15 | Superficial | 2.1 |
| 190 | 2019-12-25 18:26:24 | 3.49 | -74.17 | Superficial | 3.2 |
| 191 | 2019-12-25 21:54:16 | 3.41 | -74.17 | Superficial | 2.1 |
| 192 | 2019-12-25 22:21:54 | 3.46 | -74.21 | Superficial | 2.1 |

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|-----|---------------------|------|--------|-------------|-----|
| 193 | 2019-12-25 22:40:36 | 3.46 | -74.18 | Superficial | 2.1 |
| 194 | 2019-12-25 22:48:31 | 3.49 | -74.18 | Superficial | 4.8 |
| 195 | 2019-12-25 23:00:44 | 3.42 | -74.19 | Superficial | 2.7 |
| 196 | 2019-12-25 23:17:57 | 3.41 | -74.22 | Superficial | 2.8 |
| 197 | 2019-12-25 23:47:35 | 3.43 | -74.18 | Superficial | 2.1 |
| 198 | 2019-12-26 0:03:56 | 3.43 | -74.20 | Superficial | 4.0 |
| 199 | 2019-12-26 1:06:56 | 3.46 | -74.21 | Superficial | 2.4 |
| 200 | 2019-12-26 2:35:59 | 3.41 | -74.23 | Superficial | 2.2 |
| 201 | 2019-12-26 3:07:13 | 3.41 | -74.21 | Superficial | 2.2 |
| 202 | 2019-12-26 3:48:34 | 3.46 | -74.18 | Superficial | 2.2 |
| 203 | 2019-12-26 4:46:22 | 3.61 | -74.10 | Superficial | 2.4 |
| 204 | 2019-12-26 5:52:20 | 3.41 | -74.17 | Superficial | 4.1 |
| 205 | 2019-12-26 5:59:12 | 3.43 | -74.21 | Superficial | 3.0 |
| 206 | 2019-12-26 6:17:43 | 3.42 | -74.20 | Superficial | 2.2 |

Mapa de Réplicas registradas y localizadas por la RSNC - (2019/12/24, 2019/12/25 y 2019/12/26)

74.576°W

74.376°W

74.176°W

73.976°W

3.754°N

3.554°N

3.354°N

3.154°N

2.954°N

