

REAL INSTITUTO Y OBSERVATORIO DE LA ARMADA EN SAN FERNANDO



**ANALES 2020**

**Observaciones Meteorológicas, Sísmicas  
y Geomagnéticas**



MINISTERIO DE DEFENSA

REAL INSTITUTO Y OBSERVATORIO DE LA ARMADA EN SAN FERNANDO

AÑO 2020



**ANALES 2020**

**Observaciones Meteorológicas,  
Sísmicas y Geomagnéticas**



MINISTERIO DE DEFENSA



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## PRÓLOGO

Aunque la Geofísica no aparece en el Real Instituto y Observatorio de la Armada hasta la segunda mitad del siglo XIX, ya desde su fundación se encuentran asignados cometidos de carácter netamente geodésico. Así, su fundador, D. Jorge Juan, participó en la campaña geodésica realizada entre los años 1735 y 1744 para la medida del arco de meridiano en Perú, promocionada por la Academia de Ciencias de París, con el fin de dirimir la disputa sobre la forma física de la Tierra. Como herencia de las observaciones meteorológicas que se realizaban desde los tiempos del traslado desde el antiguo emplazamiento en Cádiz a San Fernando, a finales del siglo XVIII, nacen, en torno a 1850, las responsabilidades en el campo de la Geofísica, quedando plasmadas por primera vez en el Reglamento de 1859.

Es en el año 1924 cuando nace la Sección de Geofísica contemplando misiones en Sismología, Geomagnetismo y Meteorología. Posteriormente, en el Reglamento del Observatorio del año 1979 aparece el Servicio de Satélites, que se suma a los servicios tradicionales de Sismología y Geomagnetismo, manteniéndose las obligaciones observacionales en el campo de la Meteorología.

Continuando con la serie de Anales de Observaciones Geofísicas, publicadas por el Real Instituto y Observatorio de la Armada en San Fernando, desde el año 1870, se han reunido en el presente volumen los resultados obtenidos durante el año 2020 por las estaciones Meteorológicas, Geomagnéticas y Sísmicas, tanto permanentes como temporales, dividiendo su contenido en tres partes: Meteorología, Geomagnetismo y Sismología. Al inicio de cada una de dichas partes se hace una breve descripción de los equipos utilizados para la adquisición de datos, su localización, incidencias sufridas, etc. Las horas utilizadas son las correspondientes a la Escala de Tiempo Universal Coordinado (UTC).

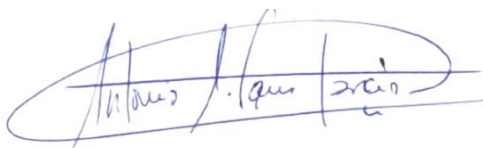
En la publicación "Investigaciones Científicas desarrolladas en el Real Instituto y Observatorio de la Armada en el año 2020", se puede encontrar información adicional sobre otras actividades de la Sección de Geofísica de este Observatorio, referente a campañas de campo y campañas marinas, nuevos desarrollos, estaciones geodésicas GPS permanentes, estación de telemetría laser de seguimiento de satélites artificiales, proyectos de investigación y desarrollo, etc.

Han colaborado en la realización de los presentes anales el siguiente personal de la Sección de Geofísica:

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Técnico Operativo:	D. José Antonio Peña García.
Técnico Operativo:	D. Javier Gallego Carrasco.
Técnico Operativo:	D. Guillermo Muñoz-Delgado Serrano.

San Fernando, Octubre de 2021.

El C.N. Director



Antonio Pazos García



# METEOROLOGÍA





## METEOROLOGÍA

A medida que se fue desarrollando la astronomía en el Real Instituto y Observatorio de la Armada, surgió, en paralelo y desde los primeros momentos, allá por el año 1753, la necesidad de tomar datos meteorológicos, con la finalidad de aplicar correcciones a las medidas astrométricas mediante modelos de refracción atmosférica. A partir del año 1799 es cuando dichos datos aparecen como anotaciones independientes y sistemáticas, coincidiendo con el traslado del Observatorio de Cádiz a la Isla de León (actual San Fernando). Aunque las medidas pluviométricas se extienden en su registro a 1811, los datos meteorológicos se empezaron a publicar secuencial e ininterrumpidamente desde la aparición de los Anales del Instituto y Observatorio de Marina de San Fernando en 1870.

Durante el año 2020 la instrumentación empleada en la estación meteorológica de San Fernando ha sido la siguiente:

- ⤴ Medidor de tiempo de insolación: Negretti-Zambra data de 1811.
- ⤴ Pluviómetro analógico Thies.
- ⤴ Evaporímetro Piche.
- ⤴ Termómetro seco y húmedo marca FUESS, situado en la caseta de meteorología.

Desde febrero de 1993, continuando con la tradicional colaboración mantenida con la Agencia Estatal de Meteorología (AEMET), antiguo Instituto Nacional de Meteorología (INM), se encuentra instalada en el recinto del Observatorio una Estación Automática Digital modelo SEAC, con adquisición automática cada 10 minutos de los siguientes datos: temperatura, humedad relativa, lluvia, presión atmosférica, dirección y velocidad del viento, cuyos sensores son calibrados de forma periódica por la AEMET.

Aunque, como ya se ha mencionado, los datos se obtienen cada diez minutos, en estos anales se presentan los promedios horarios y los valores máximos y mínimos diarios, así como tablas y gráficos resúmenes.



## BARÓMETRO

Sensor situado 32 m sobre el nivel del mar.



PRESIÓN

En mm de Hg ( 700<sup>mm</sup> + valor en tabla)

ENERO, 2020

Table with columns: Días, 0h to 23h, Med., Máx., Mín. for January 2020. Contains 31 rows of daily pressure data.

FEBRERO, 2020

Table with columns: Días, 0h to 23h, Med., Máx., Mín. for February 2020. Contains 29 rows of daily pressure data.











PRESIÓN

En mm de Hg ( 700<sup>mm</sup> + valor en tabla)

NOVIEMBRE, 2020

Table with 24 columns for hours (0h to 23h) and 3 columns for statistics (Med., Máx., Mín.). Rows 1-30 show daily data, and the bottom row shows monthly averages.

DICIEMBRE, 2020

Table with 24 columns for hours (1h to 24h) and 3 columns for statistics (Med., Máx., Mín.). Rows 1-31 show daily data, and the bottom row shows monthly averages.

TERMÓMETRO

















## HUMEDAD RELATIVA











# HUMEDAD RELATIVA

## EN TANTO POR CIENTO

**JULIO, 2020**

Días	0h	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	Med.	Máx.	Mín.
1	90	90	90	89	87	86	83	79	74	70	66	65	63	63	63	65	67	71	77	83	86	84	86	88	78	90	63
2	90	91	92	93	93	93	92	89	72	69	73	68	65	62	60	58	60	63	65	68	72	73	75	76	75	93	58
3	83	86	88	89	75	60	61	57	56	57	56	57	58	57	56	58	56	57	61	63	70	75	76	79	66	89	56
4	82	80	70	69	73	77	79	74	60	49	45	41	41	53	63	68	68	67	70	74	70	63	62	61	65	82	41
5	62	65	63	58	58	59	56	50	44	42	37	33	32	32	30	30	31	32	33	37	41	44	44	42	44	65	30
6	42	44	42	42	41	40	38	39	31	28	26	28	45	44	49	49	53	65	61	59	57	48	39	34	43	65	26
7	33	32	32	33	33	34	34	37	38	37	44	43	44	39	36	36	37	53	50	52	41	46	49	48	40	53	32
8	47	46	43	37	37	45	60	69	70	68	68	62	70	61	57	64	66	67	71	77	81	82	84	84	63	84	37
9	83	80	78	76	76	74	72	69	66	63	61	58	57	59	59	60	60	62	66	71	76	79	82	83	70	83	57
10	84	86	87	89	90	91	90	86	76	71	69	68	69	71	69	67	66	64	69	71	67	68	65	53	74	91	53
11	53	54	56	58	59	58	55	51	48	47	46	42	40	38	37	37	39	39	41	42	45	46	46	46	47	59	37
12	46	51	53	55	56	56	58	55	51	47	44	43	55	59	67	69	71	75	78	82	84	84	82	78	62	84	43
13	78	77	74	69	66	64	64	56	45	39	48	58	59	64	65	65	67	59	60	67	71	60	68	65	63	78	39
14	62	59	57	53	49	46	44	40	35	33	47	50	65	66	63	66	69	69	62	48	54	59	54	44	54	69	33
15	43	47	55	58	57	60	63	60	53	47	44	42	40	38	37	36	37	38	42	43	43	46	47	46	47	63	36
16	43	43	43	42	43	46	47	45	43	41	38	36	34	33	32	32	32	34	36	39	43	46	47	46	40	47	32
17	45	44	43	42	42	41	42	46	46	43	39	37	35	34	34	34	35	36	38	41	42	44	44	45	40	46	34
18	45	47	51	61	66	68	59	56	50	48	44	40	38	42	42	41	50	65	80	84	81	76	76	82	58	84	38
19	81	80	73	75	76	79	79	73	67	71	74	66	57	53	56	65	77	80	73	77	78	76	66	61	71	81	53
20	60	60	56	54	56	54	51	46	41	36	34	35	53	52	33	32	32	33	34	36	35	35	37	43	43	60	32
21	49	56	56	56	72	80	87	85	80	75	70	67	65	64	70	70	76	76	79	81	82	84	84	84	73	87	49
22	86	86	84	83	82	82	82	75	70	71	67	63	65	67	66	66	67	69	72	80	86	85	84	84	76	86	63
23	84	86	87	89	91	91	91	89	80	69	63	63	63	63	60	60	64	71	66	59	56	59	59	59	72	91	56
24	62	70	72	83	88	89	89	85	71	63	59	61	65	62	55	47	52	56	58	64	67	67	66	63	67	89	47
25	59	72	78	80	80	80	82	76	66	69	64	68	75	72	71	68	67	65	63	61	62	65	64	61	70	82	59
26	48	41	40	41	41	41	38	39	36	30	34	55	55	52	49	53	59	64	66	66	72	64	49	50	49	72	30
27	61	64	74	87	90	91	90	84	74	68	69	67	68	67	61	63	64	73	77	82	84	85	87	88	76	91	61
28	89	89	90	90	90	91	91	89	81	77	69	66	63	66	63	57	61	65	73	74	77	76	78	83	77	91	57
29	86	88	89	90	91	91	91	89	79	70	67	64	65	66	63	61	61	65	64	68	72	72	66	68	74	91	61
30	73	83	85	80	79	81	86	85	76	70	68	61	54	49	46	54	72	77	81	84	87	88	88	88	75	88	46
31	88	89	90	90	91	90	88	82	72	65	69	65	64	60	62	69	73	76	79	82	86	87	89	89	79	91	60
Med.	66	67	67	68	69	69	69	66	60	56	55	54	56	55	54	55	58	61	63	65	67	67	66	65	63		
Máx.	90	91	92	93	93	93	92	89	81	77	74	68	75	72	71	70	77	80	81	84	87	88	89	89		93	
Mín.	33	32	32	33	33	34	34	37	31	28	26	28	32	32	30	30	31	32	33	36	35	35	37	34			26

**AGOSTO, 2020**

1	90	91	91	91	91	91	92	91	82	65	62	57	58	60	64	57	58	61	61	60	60	64	68	66	72	92	57
2	68	74	78	80	82	85	82	70	58	54	57	59	59	58	53	53	54	63	65	67	67	68	74	81	67	85	53
3	86	88	89	82	57	58	56	54	54	55	51	48	51	51	48	48	51	59	67	75	79	81	83	86	65	89	48
4	88	88	89	90	89	90	90	86	76	67	63	62	63	62	69	70	67	68	67	68	70	68	64	68	74	90	62
5	72	72	72	72	74	76	76	69	58	48	41	35	32	32	32	31	31	31	34	38	44	46	50	54	51	76	31
6	52	51	49	50	53	58	56	52	49	45	36	32	32	31	30	29	26	25	30	39	48	51	51	51	43	58	25
7	52	53	52	55	67	78	82	81	76	72	66	66	65	68	69	67	76	79	83	86	87	87	86	85	72	87	52
8	82	85	86	86	85	84	80	73	62	48	32	39	42	57	71	73	71	72	74	73	72	71	73	78	69	86	32
9	88	85	86	83	75	83	88	87	82	75	68	69	69	72	73	73	77	79	82	85	88	89	89	89	80	89	68
10	89	89	90	89	89	89	89	89	90	83	77	72	68	72	71	71	71	67	67	73	78	82	84	84	80	90	67
11	84	84	85	86	87	88	88	86	82	78	71	68	64	64	65	66	67	70	71	72	75	79	79	79	76	88	64
12	80	81	82	77	78	78	76	74	70	66	65	63	68	65	66	65	66	68	72	75	77	80	82	82	73	82	63
13	84	86	82	79	81	87	88	82	78	71	68	67	68	68	69	67	69	70	72	78	82	83	84	86	77	88	67
14	88	88	89	90	90	90	86	79	66	60	57	56	58	59	55	54	54	63	63	67	67	71	75	79	71	90	54
15	80	82	79	65	64	66	67	67	67	66	65	64	62	59	58	59	61	62	63	67	70	70	70	60	66	82	58
16	58	60	61	59	61	62	66	61	51	47	53	54	58	60	60	61	62	64	65	72	75	76	78	73	62	78	47
17	68	71	67	67	69	72	72	70	62	52	47	66	68	68	70	71	74	73	75	78	81	83	85	80	70	85	47
18	73	72	71	72	71	72	72	66	55	47	40	60	65	63	60	53	52	63	64	67	69	70	68	69	64	73	40
19	65	67	68	70	72	73	74	73	64	57	53	54	65	60	56	55	54	61	57	56	59	57	57	58	62	74	53
20	69	77	81	76	73	75	77	75	69	70	74	71	72	72	70	74	73	72	78	83	85	87	89	89	76	89	69
21	91	92	92	92	92	92	92	91	82	74	75	77	73	72	74	72	72	78	84	86	87	85	84	84	83	92	72
22	85	87	89	91	91	92	92	89	77	70	62	60	58	55	53	53	55	58	62	63	62	63	66	66	71	92	53
23	65	73	83	86	87	88	89	83	65	58	57	51	47	43	41	43	34	33	45	49	55	59	58	48	60	89	33
24	50	62	67	69	75	77	80	79	67	69	71	70	68	67	68	67	68	68	70	74	76	76	74	77	70	80	50
25	77	78	78	79	79	80	80	72	61	51	44	42	55	57	60	69	71	75	74	74	75	76	81	80	69	81	42
26	79	78	80	82	83	84	86	80	61</																		

# HUMEDAD RELATIVA

EN TANTO POR CIENTO

## SEPTIEMBRE, 2020

Días	0h	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	Med.	Máx.	Mín.
1	51	48	49	54	54	52	58	56	48	43	51	60	56	55	53	54	56	53	55	65	77	83	86	88	59	88	43
2	88	87	87	86	85	85	88	91	89	80	72	67	67	66	65	73	71	70	71	58	49	49	50	56	73	91	49
3	61	64	62	58	63	68	66	61	52	46	42	39	37	35	32	31	32	33	38	43	45	44	52	59	48	68	31
4	65	67	67	68	68	68	69	66	59	53	48	45	43	43	43	44	45	47	52	61	64	65	68	70	58	70	43
5	69	68	66	64	64	66	68	66	59	53	48	43	38	35	33	33	36	39	43	50	54	57	61	61	53	69	33
6	58	59	56	56	61	65	68	66	58	51	48	42	41	39	38	38	38	42	45	50	54	58	61	64	52	68	38
7	64	64	67	69	70	70	71	69	61	56	59	59	62	65	67	70	71	72	83	85	86	78	75	67	69	86	56
8	73	75	71	72	72	73	72	70	62	55	50	48	46	46	47	49	52	55	56	57	64	67	63	61	61	75	46
9	62	64	67	69	70	70	70	66	57	46	40	38	35	35	33	34	43	45	48	50	50	53	57	61	53	70	33
10	64	64	64	63	60	57	56	53	44	38	36	35	36	53	55	57	61	62	67	73	76	77	73	55	57	77	35
11	49	52	54	54	54	53	54	55	50	41	37	35	35	33	32	31	30	35	68	76	56	55	56	58	48	76	30
12	64	65	64	58	52	52	52	52	50	43	38	34	32	31	32	33	34	37	41	44	46	50	55	55	46	65	31
13	57	57	58	61	63	64	61	57	54	53	50	46	44	44	43	42	43	44	46	51	56	59	61	61	53	64	42
14	61	61	63	67	68	69	69	70	68	62	57	52	51	57	57	59	61	76	83	87	88	87	85	83	68	88	51
15	82	82	81	82	82	81	81	80	71	60	54	64	68	71	76	73	74	76	75	74	74	78	79	78	75	82	54
16	79	81	81	81	85	87	88	86	78	71	72	78	73	71	76	81	84	86	89	90	90	91	92	91	83	92	71
17	90	88	88	87	87	87	89	84	73	67	62	59	56	62	67	87	82	83	85	87	84	79	78	83	78	90	56
18	86	87	87	82	87	83	81	79	67	65	66	67	80	78	69	65	69	68	72	73	77	77	74	76	76	87	65
19	76	76	76	76	76	80	80	78	77	74	69	81	74	73	73	72	69	71	77	79	79	79	82	82	76	82	69
20	85	86	87	89	89	88	87	83	78	71	66	65	68	69	70	70	69	73	77	76	76	80	83	77	89	65	65
21	84	84	84	84	86	88	89	88	82	72	61	50	59	65	67	63	61	61	64	67	70	75	71	71	73	89	50
22	77	80	81	81	73	71	75	75	72	65	56	54	57	57	59	62	61	65	72	71	72	74	79	79	69	81	54
23	80	81	82	83	81	81	83	79	76	70	67	66	67	66	67	65	64	61	64	71	69	71	70	72	72	83	61
24	73	75	76	78	76	74	73	73	70	64	56	47	41	37	39	52	52	54	51	51	49	51	54	60	59	78	37
25	65	69	74	76	76	74	69	65	61	54	46	48	53	53	52	52	53	62	68	62	51	49	48	60	76	46	
26	50	53	55	57	58	61	61	59	52	46	43	44	48	52	53	51	52	58	67	71	77	70	54	53	56	77	43
27	55	57	60	62	67	71	73	69	69	69	69	69	68	70	67	66	72	80	84	86	86	87	88	71	88	45	55
28	89	90	90	91	91	90	85	82	67	53	53	54	56	52	59	54	55	61	67	68	46	43	45	46	66	91	43
29	47	51	55	54	50	49	53	54	46	42	35	31	29	28	28	29	32	40	42	47	51	55	64	68	45	68	28
30	69	69	72	75	78	80	81	80	70	63	67	67	69	68	69	72	81	84	86	89	90	91	91	91	77	91	63
Med.	69	70	71	71	72	72	72	71	64	58	54	53	53	54	54	55	57	59	64	67	67	68	68	69	64		
Máx.	90	90	90	91	91	90	89	91	89	80	72	81	80	78	76	81	84	86	89	90	90	91	92	91	92	92	92
Mín.	47	48	49	54	50	49	52	52	44	38	35	31	29	28	28	29	30	33	38	43	45	43	45	46			28

## OCTUBRE, 2020

1	91	92	92	92	88	81	80	77	71	68	66	67	65	63	64	64	66	71	78	83	81	75	63	63	75	92	63
2	67	70	71	70	69	68	70	73	71	78	82	76	77	90	83	76	78	78	71	67	55	50	46	50	70	90	46
3	52	52	53	56	57	60	62	65	64	54	52	52	53	52	52	52	49	46	50	56	59	64	67	72	57	78	46
4	72	70	70	70	72	74	75	72	67	58	49	51	54	56	58	60	64	71	78	83	86	87	87	83	69	87	49
5	67	63	61	60	62	64	66	66	61	56	48	45	62	62	58	59	61	68	74	78	82	85	83	81	66	85	45
6	81	80	77	72	66	66	60	55	49	45	43	42	53	59	64	67	65	67	70	72	70	71	72	63	81	42	42
7	66	58	57	57	54	53	55	54	49	44	43	42	39	39	43	44	42	43	56	64	45	39	36	36	48	66	36
8	38	40	40	40	39	39	42	42	39	36	34	31	29	30	30	31	32	34	36	37	38	41	51	61	38	61	29
9	64	59	58	58	62	68	75	75	67	55	48	46	42	44	57	62	71	76	77	74	72	72	73	74	64	77	42
10	76	79	79	79	79	80	81	81	72	60	52	52	60	56	54	66	77	78	81	82	84	87	88	83	74	88	52
11	82	82	82	84	84	85	87	87	78	64	58	65	63	64	72	69	66	68	74	78	81	83	87	89	76	89	58
12	88	82	82	82	84	79	79	62	52	44	42	40	36	32	27	24	22	49	69	80	83	76	79	81	61	88	22
13	84	85	86	88	88	87	85	85	78	66	61	48	56	51	53	58	55	54	59	61	72	78	78	78	71	88	48
14	85	81	81	80	74	73	73	74	74	73	72	70	68	64	61	59	58	61	64	69	73	71	64	55	70	85	55
15	52	54	58	63	65	63	61	61	57	50	49	54	59	62	61	63	64	59	59	59	63	67	67	68	60	68	49
16	72	71	71	72	74	76	78	79	76	67	65	61	63	62	62	66	71	74	76	80	82	83	86	88	73	88	61
17	89	90	90	91	92	92	92	90	81	65	52	51	48	50	55	53	52	61	73	73	73	75	72	68	72	92	48
18	70	70	70	73	74	72	71	70	64	51	43	41	37	33	32	34	36	37	39	43	47	48	44	40	52	74	32
19	46	52	51	57	62	66	66	66	63	56	51	48	46	44	43	44	46	50	56	62	66	69	70	70	56	70	43
20	70	72	74	74	73	73	74	75	74	66	59	50	47	52	50	54	67	74	87	90	91	92	92	91	72	92	47
21	87	90	91	87	83	83	82	81	79	77	74	72	66	68	71	73	78	81	83	82	84	84	86	86	80	91	66
22	80	86	90	92	93	93	93	93	93	93	92	87	71	65	65	65	68	76	79	77	76	78	78	71	81	93	65
23	72	80	86	87	88	90	90	91	88	76	58	58	56	54	55	58	61	66	76	80	79	80	86	87	75	91	54
24	87	88	88	88	88	90	91	91	89	76	66	63	64	68	68	67	72	74	75	79	80	78	83	88	79	91	63
25	86	87	90	88	88	87	85	86	85	80	71	68	64	58	57	60	66	68	70	72	79	79	82	89	77	90	57
26	93	86	71	71	73	70	73	73	71	64	53	51	56	54	52	50	49	51	52	53	49	49	52	57	61	93	49</

# HUMEDAD RELATIVA

EN TANTO POR CIENTO

NOVIEMBRE, 2020

Días	0h	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	Med.	Máx.	Mín.
1	76	74	75	78	81	82	82	83	79	71	73	69	63	57	57	67	80	83	83	82	83	83	82	83	76	83	57
2	82	79	70	65	65	70	75	74	70	61	52	56	56	56	58	58	62	71	79	76	76	77	80	77	69	82	52
3	74	76	73	75	81	77	76	78	76	70	64	63	73	76	78	82	84	87	87	85	84	83	86	85	78	87	63
4	84	80	79	81	83	84	86	87	85	81	67	61	58	59	57	56	64	68	78	81	81	81	82	88	75	88	56
5	90	91	92	93	92	91	91	90	82	73	64	50	43	39	42	52	59	67	73	75	71	69	68	69	72	93	39
6	73	77	73	72	72	72	73	74	74	73	69	72	74	73	77	76	71	76	79	79	74	68	68	71	73	79	68
7	87	90	89	78	83	79	77	77	71	69	65	62	61	60	59	60	62	67	73	77	82	84	87	89	74	90	59
8	90	90	90	91	91	91	91	90	87	80	68	64	57	58	57	59	64	73	79	83	86	89	89	89	79	91	57
9	90	90	91	91	91	91	93	93	93	93	90	82	78	76	72	67	69	71	75	79	82	85	87	87	84	93	67
10	88	90	92	92	93	93	92	91	87	79	70	65	57	54	51	49	54	65	70	70	71	71	78	79	75	93	49
11	79	79	78	76	76	76	76	76	74	67	62	59	56	55	55	58	60	65	70	73	77	78	78	78	70	79	55
12	77	77	76	76	76	76	76	75	74	70	67	65	61	60	59	60	63	68	74	75	76	76	77	78	71	78	59
13	81	83	84	84	84	84	84	85	84	77	67	53	52	52	54	56	56	63	70	74	75	75	80	81	72	85	52
14	83	84	85	88	90	91	91	92	93	93	92	91	88	83	84	83	84	86	87	89	90	90	90	90	88	93	83
15	90	90	90	90	90	90	88	87	85	80	71	61	52	46	42	41	44	51	68	69	66	68	74	76	71	90	41
16	75	76	77	84	88	88	85	84	84	86	85	83	81	83	84	86	90	92	93	93	93	93	93	93	86	93	75
17	93	93	93	93	93	93	93	93	93	93	93	93	89	79	75	76	78	81	83	82	78	79	82	85	87	93	75
18	87	87	88	88	88	89	89	88	85	77	68	62	57	54	54	55	58	64	70	73	76	77	76	78	74	89	54
19	79	78	78	78	78	79	79	79	73	67	62	58	54	53	54	55	56	59	62	64	65	66	66	67	67	79	53
20	67	67	68	72	73	73	73	74	72	67	63	60	55	53	51	51	52	61	67	72	75	77	78	78	67	78	51
21	78	77	77	76	75	75	76	77	75	69	64	60	60	58	57	58	60	64	68	70	71	69	67	67	69	78	57
22	67	67	64	61	61	65	63	61	56	52	50	45	41	39	40	42	45	49	54	60	64	70	72	73	57	73	39
23	73	73	71	71	71	71	70	70	66	61	57	54	51	50	51	52	55	61	65	67	68	69	70	70	64	73	50
24	71	72	72	73	74	76	76	78	78	73	65	59	60	58	61	65	71	75	73	73	73	71	74	76	71	78	58
25	78	79	82	85	87	87	90	91	91	90	84	81	87	90	91	92	92	92	92	92	92	89	88	90	88	92	78
26	91	91	90	80	87	85	89	90	90	89	88	85	79	74	69	75	80	86	89	89	89	89	89	89	86	91	69
27	91	90	89	88	87	86	85	85	86	85	82	80	72	72	74	73	70	73	81	85	86	87	89	89	82	90	70
28	85	81	84	85	82	83	77	73	75	72	64	62	59	59	64	62	67	70	74	75	80	80	83	85	74	85	59
29	89	91	92	92	92	92	93	93	93	93	93	93	88	81	85	89	90	91	91	90	88	86	86	85	90	93	81
30	82	81	77	76	76	75	74	72	71	69	66	63	59	58	58	60	63	68	72	74	76	76	76	74	71	82	58
Med.	82	82	81	81	82	82	82	82	80	76	71	67	64	62	62	64	67	72	76	77	78	79	80	81	76		
Máx.	93	93	93	93	93	93	93	93	93	93	93	93	91	90	91	92	92	92	93	93	93	93	93	93	93	93	93
Mín.	67	67	64	61	61	65	63	61	56	52	50	45	41	39	40	41	44	49	54	60	64	66	66	67			39

DICIEMBRE, 2020

1	74	75	75	76	78	80	79	78	78	75	72	67	59	61	66	69	73	74	76	78	78	82	83	84	75	84	59
2	86	86	87	88	88	87	87	87	86	84	82	82	82	77	71	69	74	79	81	83	84	84	87	87	83	88	69
3	82	82	82	84	85	86	87	87			78	72	66	66	67	68	73	75	73	74	72	72	70	68	76	87	66
4	68	62	64	66	69	79	72	64	75	84	75	81	74	65	62	69	77	70	67	64	59	57	57	58	68	84	57
5	58	59	63	69	71	71	75	75	71	69	66	62	59	59	57	56	55	53	53	51	54	57	63	63	62	75	51
6	65	68	70	62	60	64	71	74	73	71	68	63	57	57	56	58	60	63	64	61	59	62	67	71	64	74	56
7	78	82	86	84	83	81	80	83	83	88	90	88	91	85	76	73	73	71	67	67	67	67	68	70	78	91	67
8	71	70	74	77	81	79	74	73	71	69	69	68	68	67	72	77	74	75	69	58	55	56	59	62	69	81	55
9	64	67	69	69	69	69	70	73	75	75	70	66	62	59	58	58	62	66	69	74	82	86	87	88	70	88	58
10	90	90	85	85	84	84	86	88	90	90	87	85	85	89	90	89	87	88	89	90	90	92	93	92	88	93	84
11	91	91	91	91	91	91	91	91	90	88	87	87	87	87	83	83	80	81	83	85	86	87	87	87	87	87	80
12	88	89	90	90	90	90	91	91	91	91	90	88	86	86	87	87	88	89	90	91	92	92	92	92	89	92	86
13	92	92	92	92	91	90	91	89	82	75	70	65	63	62	64	66	68	72	74	77	81	81	82	83	79	92	62
14	84	84	86	87	88	89	90	90	90	90	90	90	87	84	84	88	90	91	91	91	91	91	92	92	89	92	84
15	92	92	92	92	93	93	93	91	90	90	82	66	58	55	51	49	52	60	57	57	71	79	80	80	75	93	49
16	81	83	82	82	82	81	79	80	82	81	80	78	82	87	88	84	86	89	90	90	92	92	92	93	85	93	78
17	93	93	93	93	93	93	93	93	93	93	93	88	80	79	77	74	74	75	78	81	84	84	85	87	86	93	74
18	89	90	90	91	91	92	92	92	92	92	91	85	75	66	59	66	67	73	79	83	85	87	87	87	83	92	59
19	87	88	89	90	90	90	90	90	90	90	89	87	85	84	83	81	84	86	86	86	90	92	92	92	88	92	81
20	92	87	86	84	85	85	86	87	88	88	87	85	81	77	73	73	71	75	76	79	79	81	82	82	82	92	71
21	84	86	86	86	87	87	86	85	84	80	77	74	70	61	60	60	64	72	77	78	80	79	81	83	78	87	60
22	84	84	84	86	87	87	86	83	82	80	71	66	60	57	57	57	58	65	71	74	78	80	82	84	75	87	57
23	85	86	87	87	88	88	87	85	84	83	80	75	75	72	70	73	77	82	84	85	88	90	90	90	83	90	70
24	91	91	91	92	92	92	92	92	91	89	85	86	86	86	82	82	82	83	81	81	81	81	80	78	86	92	78
25	75	76	80	81	83	85	85	84	84	82	80	74	71	72	69	68	65	59	54	53	50	49	54	57	70	85	49
26	56	58	58	60	62	64	66	67	69	66	63	59	56	52	48	45	46	47	47	46	48	49</					

## DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO



# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

**ENERO, 2020**

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	E 11	E 11	E 12	E 9	E 9	E 9	E 9	E 8	ENE 7	E 8	ESE 9	E 9
2	E 6	E 6	E 6	ESE 7	E 7	E 9	E 7	ESE 7	ESE 5	ESE 2	ESE 5	SE 7
3	E 6	E 7	ESE 7	ESE 7	E 7	E 7	E 8	NNW 4	NE 4	ENE 4	ENE 4	NE 5
4	N 3	NNE 2	N 3	N 2	NE 3	NE 4	NE 5	NE 5	NE 6	NE 6	NE 5	NE 7
5	ENE 6	ENE 6	ENE 6	ENE 8	ENE 7	ENE 8	ENE 8	ENE 6	ENE 4	ENE 9	E 12	E 13
6	E 12	E 7	E 8	E 8	E 7	ENE 4	NNE 3	NE 3	ENE 7	NE 4	NNE 4	N 3
7	E 10	E 9	E 10	ENE 12	ENE 12	ENE 10	ENE 9	NE 4	ENE 4	NNE 2	E 2	E 7
8	E 8	E 7	E 8	E 8	ENE 5	ENE 4	ENE 6	NE 1	E 1	E 2	NW 2	W 3
9	ESE 8	SE 8	SSE 5	SE 5	SE 6	SSE 5	S 4	SSE 3	E 1	E 2	ENE 3	N 3
10	E 3	E 4	NNW 3	ENE 1	NNW 4	NNW 5	N 5	N 4	N 4	N 6	N 4	NNE 6
11	NE 7	NE 6	ENE 8	NE 6	ENE 7	ENE 9	ENE 6	NE 4	ENE 7	ENE 6	ENE 5	N 4
12	E 9	E 6	E 8	ENE 7	NE 5	NE 5	ENE 6	ENE 7	ENE 10	ENE 9	ENE 7	NE 5
13	ENE 4	E 7	ENE 5	E 5	E 5	E 8	E 5	ENE 2	NE 2	NNE 3	NNE 3	N 4
14	E 3	ESE 5	ENE 1	N 3	ENE 5	E 5	E 4	ESE 5	ESE 6	ESE 4	WNW 3	N 2
15	ESE 8	ESE 8	ESE 9	ESE 8	ESE 8	ESE 9	ESE 9	ESE 8	ESE 8	SE 6	S 12	SSW 17
16	ESE 7	ESE 7	ESE 8	ESE 6	E 7	E 8	E 9	ESE 9	E 7	E 5	ESE 5	ESE 5
17	ESE 9	ESE 8	SE 9	ESE 8	SE 8	SE 8	SE 8	SE 7	SE 6	ESE 6	SE 6	S 9
18	ESE 5	E 2	E 4	ESE 3	CAL 1	SE 3	SE 2	ESE 3	ESE 4	SE 3	SE 5	S 7
19	NW 22	NW 18	WNW 17	NW 23	NW 24	NW 26	NW 22	NW 19	NNW 16	NNW 17	NNW 17	NNW 16
20	NE 18	NE 21	NE 22	NE 18	NE 18	NE 16	NE 17	NE 15	NE 14	NE 16	ENE 16	NE 14
21	NE 6	NE 7	NE 7	NE 9	NE 6	NE 8	NE 7	NE 8	ENE 12	NE 10	NE 11	NE 14
22	ESE 4	ESE 4	ESE 5	ESE 7	ESE 6	E 5	E 5	E 6	E 6	E 8	E 8	ESE 10
23	SE 8	SE 8	SE 7	ESE 10	SE 7	ESE 7	ESE 8	SE 8	SE 7	SE 7	SSE 11	S 13
24	ESE 7	ESE 7	SE 7	ESE 6	SSE 6	ESE 4	ESE 7	ESE 6	ESE 9	ESE 10	ESE 12	SE 12
25	ESE 9	ESE 9	S 14	SE 7	ESE 10	S 4	WSW 7	W 7	W 12	ESE 3	ESE 3	WSW 5
26	ESE 3	S 2	N 1	N 2	N 2	NNW 2	NNE 1	NE 2	NNE 2	N 1	WNW 2	WNW 6
27	ESE 6	ESE 6	ESE 6	E 5	E 5	ESE 6	E 5	E 5	E 6	E 5	ESE 4	E 3
28	ESE 3	SE 4	ESE 4	E 4	ESE 4	ESE 4	ESE 4	ESE 4	ESE 4	E 4	ESE 3	WNW 4
29	WNW 3	N 3	NW 6	N 4	NE 4	NE 3	NNE 3	NNW 3	NNW 2	N 2	N 2	N 4
30	ESE 3	E 3	E 4	E 5	E 4	E 5	E 4	E 4	E 4	ESE 6	E 4	E 2
31	NE 3	ENE 3	ENE 3	E 3	E 4	E 3	NE 2	NE 1	N 1	E 1	E 2	W 4
Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	E 9	ESE 7	SW 9	W 8	WNW 6	WNW 3	E 2	E 6	E 6	E 6	E 2	E 4
2	ESE 5	W 6	WSW 9	SW 7	SSW 7	S 7	E 7	E 9	E 10	E 10	ESE 8	ESE 7
3	NNE 6	NNW 12	N 8	NNW 10	N 10	N 6	NNE 3	NE 5	N 3	N 4	N 4	N 3
4	NE 7	NE 6	N 5	N 5	NE 4	NE 3	ENE 5	ENE 8	ENE 7	ENE 6	ENE 7	ENE 7
5	E 15	E 15	E 16	E 15	E 15	ESE 13	E 13	E 10	E 10	E 10	E 9	E 10
6	NE 5	ENE 7	NNE 5	ENE 8	ENE 9	ENE 6	E 8	E 7	E 9	E 9	E 11	E 10
7	E 11	E 10	E 11	ENE 7	NE 6	NE 6	NE 4	E 7	ESE 6	E 6	E 9	E 6
8	WNW 5	NW 5	WNW 7	WSW 5	WNW 4	WSW 4	SW 4	SW 3	ESE 4	E 8	ESE 8	ESE 7
9	ESE 3	WNW 8	WNW 11	NW 14	WNW 7	WNW 8	WNW 9	NW 5	N 1	ENE 1	NE 3	NE 3
10	NE 5	NW 9	NW 10	NNW 8	N 8	N 5	N 4	N 4	N 5	NNE 6	NE 7	NE 9
11	ESE 5	SE 9	E 9	ESE 9	ESE 9	ESE 7	E 10	E 8	E 10	E 10	E 9	E 9
12	NE 6	NNE 6	NNE 5	NE 5	NE 6	NNE 4	NNE 3	NE 6	E 10	E 8	E 6	E 6
13	N 4	NNW 6	W 7	SW 5	SW 7	WSW 4	SW 3	SW 2	NE 3	E 7	E 6	E 3
14	WSW 7	WSW 10	WSW 7	SSW 7	WSW 7	WSW 4	ESE 3	SE 4	ESE 4	ESE 5	ESE 6	ESE 7
15	S 15	S 15	S 12	S 12	S 11	S 6	SE 5	ESE 7	ESE 7	SE 6	ESE 7	ESE 6
16	SW 8	S 11	S 12	S 11	SSW 8	S 7	S 6	SSE 5	SSE 4	ESE 6	SE 8	ESE 9
17	SSW 8	SSW 8	SW 9	SW 9	SW 6	S 5	SSE 4	SE 5	SE 4	SE 3	ESE 3	ESE 3
18	S 10	SSW 10	SSW 10	SW 15	SW 16	WSW 14	WSW 14	WSW 14	W 22	W 19	W 19	W 24
19	NNW 12	N 9	NNE 8	NNE 8	ENE 8	ENE 11	NE 8	NE 10	NE 11	NE 18	NE 18	NE 18
20	NE 15	ENE 17	ENE 14	NE 11	NE 12	ENE 17	E 14	ENE 10	ENE 12	ENE 8	NE 7	ENE 5
21	NE 12	NE 9	NE 9	NE 10	NE 8	NNE 5	N 3	N 4	NNW 5	NW 6	N 3	N 2
22	ESE 8	SE 7	S 10	S 8	SW 9	S 10	E 7	SE 7	ESE 8	ESE 12	ESE 8	ESE 7
23	S 16	S 18	SSW 12	SE 6	SE 6	SE 6	ESE 7	ESE 7	ESE 8	ESE 8	ESE 10	SE 8
24	ESE 9	ESE 9	ESE 7	SE 9	SSW 18	SSW 16	SSW 14	SW 16	SW 12	SSW 6	ESE 8	ESE 8
25	WNW 5	SW 7	SSW 11	S 10	SSW 9	SW 6	WNW 7	NW 10	NW 6	N 2	NNE 1	ESE 3
26	WNW 8	WNW 8	WNW 10	WNW 8	WNW 7	WNW 4	WNW 4	WNW 4	NW 3	W 2	ESE 3	ESE 4
27	WNW 6	WNW 8	W 10	W 10	WNW 7	W 5	W 4	W 5	SW 4	WSW 6	SW 3	ESE 2
28	WNW 6	W 8	W 10	WNW 9	WNW 7	NW 9	NNW 5	NNW 4	N 3	NNE 3	N 3	NE 3
29	NW 6	WNW 8	W 9	W 9	W 8	W 7	W 6	WNW 5	WNW 2	N 1	ENE 2	ESE 3
30	NW 3	WNW 7	WNW 7	WNW 7	W 6	W 5	WSW 4	WSW 3	WSW 3	ENE 2	ESE 2	NE 3
31	NW 6	WNW 6	WNW 7	WNW 8	W 9	WNW 8	WNW 6	WNW 6	WNW 4	E 1	NE 1	E 3

# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

**FEBRERO, 2020**

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	E 2	ENE 2	E 4	ENE 4	NE 4	E 4	E 4	ENE 3	N 3	NNW 3	E 3	WNW 7
2	N 4	NNE 3	ENE 6	ENE 9	NE 4	ENE 7	E 8	E 6	ENE 4	E 7	E 4	E 7
3	E 12	E 12	E 12	E 9	E 11	ENE 12	ENE 9	E 11	E 5	W 3	WSW 2	NW 5
4	NE 4	NNE 3	NNE 3	NNE 4	NE 5	ENE 7	NE 6	NE 6	NNE 4	NE 5	NNE 7	NE 9
5	NE 7	NE 6	E 8	E 10	ESE 8	ESE 8	ESE 8	SE 9	ESE 12	ESE 15	ESE 28	ESE 27
6	ESE 25	ESE 26	ESE 27	ESE 25	ESE 27	ESE 27	ESE 25	ESE 24	ESE 23	ESE 27	ESE 28	ESE 26
7	ESE 17	ESE 16	ESE 17	ESE 11	ESE 13	ESE 14	ESE 13	ESE 11	ESE 10	ESE 10	ESE 10	SE 9
8	SE 2	SE 3	SSW 3	S 2	SW 3	ESE 4	ESE 4	E 3	ESE 6	SE 5	S 5	WSW 8
9	ESE 8	ESE 6	ESE 5	ESE 4	ESE 4	E 5	E 5	E 4	ESE 5	E 2	ENE 5	NW 5
10	E 9	E 10	E 7	E 8	E 6	NNE 5	E 8	E 9	E 9	E 6	E 6	E 6
11	ENE 2	NNE 4	ESE 6	E 3	ENE 1	ENE 2	ESE 4	E 4	E 2	E 2	SSW 4	SSW 7
12	W 8	W 11	W 9	W 8	W 7	W 7	W 6	WSW 5	W 6	WSW 7	WSW 10	WSW 12
13	SSE 2	SSE 3	SSE 4	SE 4	SE 3	SSE 7	NNW 9	NNW 3	NNW 4	NNW 5	NNW 7	NW 8
14	NE 4	ENE 3	ENE 3	NNE 4	NNE 6	NE 6	ENE 7	ENE 8	ENE 7	ENE 6	E 5	E 5
15	E 8	ENE 7	E 8	E 8	E 11	E 12	E 11	E 9	E 11	E 12	E 9	ESE 5
16	E 7	ENE 9	E 9	E 7	ESE 6	E 4	E 8	E 8	E 7	ESE 6	E 3	NW 4
17	N 4	NE 3	ENE 2	ESE 1	N 2	N 1	NNW 2	NW 2	ENE 2	E 4	N 4	N 4
18	N 6	N 6	N 5	N 3	NNE 4	NNW 4	N 5	NNW 6	N 5	E 5	ENE 5	ESE 4
19	E 9	E 8	ENE 8	E 10	E 11	E 12	E 13	ENE 12	ENE 12	ENE 15	E 17	E 20
20	E 19	E 17	E 16	E 14	E 14	ESE 14	ESE 15	ESE 17	E 19	E 23	E 24	E 21
21	ESE 17	ESE 20	E 20	E 20	E 19	E 15	E 11	E 11	E 14	E 20	E 22	E 24
22	E 18	E 18	E 23	E 20	E 21	E 19	E 20	E 18	E 17	E 22	E 25	E 22
23	E 20	E 27	E 22	E 25	E 20	E 22	E 29	E 32	E 24	E 26	E 23	E 24
24	ENE 13	E 8	E 12	E 8	E 6	E 6	E 5	E 4	E 7	E 3	W 2	WNW 7
25	ESE 4	SE 4	ESE 4	SE 6	SE 4	WSW 4	WSW 5	W 7	W 6	W 9	WNW 11	W 13
26	NW 7	NW 12	NW 14	NW 15	NW 15	NW 16	NW 13	NW 10	NW 15	WNW 16	WNW 15	WNW 15
27	NNW 10	NNW 10	NNE 3	N 5	N 3	NNE 5	N 4	N 7	N 4	NNE 5	N 7	NNE 7
28	NE 8	ENE 11	ENE 13	E 8	E 8	E 7	ESE 6	ESE 7	ESE 6	SE 5	SSE 7	S 13
29	WSW 3	ESE 3	SE 5	SE 5	S 4	SE 3	W 15	WNW 12	WNW 8	N 2	NNW 3	W 5
Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	WNW 10	WNW 11	WNW 10	WNW 9	W 9	W 7	NW 6	NNW 5	NNW 6	NNW 5	NNW 6	NNW 6
2	E 13	E 10	ESE 8	ESE 5	E 8	E 11	E 11	E 11	E 11	E 12	E 11	ESE 12
3	SSW 4	S 7	S 5	SSW 4	WSW 4	NW 4	NW 4	N 4	NE 3	N 3	NE 4	NE 4
4	NE 8	NE 8	NE 9	NE 8	N 6	N 6	N 6	N 6	NNE 4	NNE 3	NE 7	NE 7
5	ESE 27	ESE 32	E 29	E 29	E 29	ESE 26	ESE 26	ESE 26	ESE 25	ESE 27	ESE 27	ESE 26
6	ESE 26	ESE 25	ESE 26	ESE 24	ESE 23	ESE 19	ESE 19	ESE 18	ESE 18	ESE 18	ESE 17	ESE 17
7	E 5	SSE 6	S 13	S 11	S 7	SE 4	SE 4	SSE 6	SSW 5	SW 4	SE 3	SSE 4
8	WNW 9	WNW 10	W 9	W 10	W 9	W 5	SW 3	SW 3	S 3	SSE 2	ESE 3	ESE 6
9	WNW 7	WNW 8	W 10	WNW 11	W 10	WNW 10	NW 9	NNW 4	E 3	NNE 2	ENE 3	E 7
10	NW 7	NW 9	NW 10	NW 9	NW 6	NW 3	SSW 2	S 3	SSE 3	SSE 4	E 1	E 1
11	SW 7	WSW 9	WSW 9	WSW 9	W 9	W 6	SW 5	SW 6	SW 7	SW 8	SW 7	WSW 7
12	SW 11	SW 9	SW 8	W 11	WNW 7	WNW 8	WNW 5	WSW 2	SW 2	WSW 2	WSW 2	WSW 2
13	WNW 8	W 11	WNW 14	W 14	W 11	W 10	W 8	W 7	WNW 6	NW 5	NNW 3	NNE 3
14	WSW 7	WSW 10	W 12	W 9	WNW 8	WNW 7	WNW 4	WNW 2	E 5	E 7	E 8	ESE 9
15	WSW 10	WSW 11	W 9	SW 9	SW 9	SW 8	W 6	W 3	CAL 1	E 3	NE 3	ENE 6
16	NW 8	WNW 10	WNW 12	WNW 11	WNW 11	WNW 10	WNW 8	WNW 8	NW 9	NW 6	N 1	NNE 2
17	N 2	WNW 6	WNW 12	WNW 12	WNW 12	WNW 14	NW 13	NW 13	WNW 9	WNW 7	NNW 6	N 5
18	W 7	SSW 7	SSW 8	SSW 10	SW 9	WSW 7	WSW 3	ESE 8	SE 4	ESE 4	ESE 3	E 6
19	E 24	E 23	E 24	E 22	E 21	E 21	E 19	E 19	E 19	E 20	E 21	E 21
20	E 21	ESE 20	E 18	E 21	ESE 20	ESE 19	ESE 21	ESE 16	ESE 17	ESE 19	ESE 13	ESE 14
21	ESE 25	E 24	E 25	E 24	E 25	E 22	E 21	E 17	E 20	E 20	E 20	E 23
22	E 21	E 22	ESE 18	ESE 20	ESE 17	ESE 13	ESE 13	ESE 15	ESE 17	ESE 17	ESE 14	ESE 17
23	E 21	E 24	E 22	E 22	E 20	E 18	E 14	E 14	E 16	E 14	E 16	E 18
24	WNW 8	W 10	W 12	W 13	W 12	W 10	W 8	WNW 7	W 5	WNW 8	NW 7	ESE 3
25	W 14	WNW 13	WNW 14	WNW 13	WNW 15	W 13	W 10	W 8	W 9	W 9	WSW 9	WSW 6
26	WNW 16	WNW 18	WNW 17	WNW 14	WNW 15	WNW 14	W 15	W 12	W 13	WNW 13	WNW 11	NNW 8
27	NNE 8	N 7	NNE 7	NE 9	NE 10	NE 10	NNW 9	NW 9	NW 10	NW 7	NNW 6	NNE 4
28	S 15	S 15	S 13	SW 11	SW 11	SW 11	SW 8	SW 7	SW 10	WSW 9	WSW 8	W 6
29	W 10	WSW 7	WSW 13	SW 14	WSW 15	WSW 12	WSW 12	WSW 13	SW 15	SW 16	SW 18	WSW 9

# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

**MARZO, 2020**

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	WSW 11	W 12	WNW 11	WNW 12	WNW 11	W 12	W 9	W 6	SW 5	SW 10	WSW 12	W 14
2	WSW 12	SW 15	WSW 15	WSW 17	WSW 18	W 22	W 22	WSW 18	W 20	W 22	WSW 23	W 27
3	NW 11	NNW 9	NNW 6	N 3	NE 2	NE 3	NE 3	E 4	E 4	E 2	WNW 8	WNW 10
4	WNW 10	WNW 9	NW 8	NNW 7	NW 6	NW 10	NW 11	NW 9	NNW 9	NW 10	WNW 10	WNW 13
5	NW 11	NW 11	NNW 9	NNW 6	NW 4	NW 7	NW 14	NW 16	NW 10	WNW 10	WNW 10	W 14
6	NW 23	NW 21	NW 19	NNW 17	NNW 15	NNW 9	NNW 11	NNW 11	NW 16	NW 22	NW 24	NW 22
7	N 9	N 8	NNE 6	NE 8	NE 7	NE 8	NE 8	NE 8	ENE 12	ENE 12	NE 7	ENE 8
8	NE 5	ENE 8	E 11	E 7	NNE 4	NE 4	NE 4	E 7	E 11	NE 4	NE 4	NW 8
9	N 5	NNE 4	N 7	N 8	N 4	NNE 3	N 4	NNW 6	N 7	N 9	N 7	N 9
10	NE 9	NE 6	NNE 8	N 4	NE 6	ENE 6	NNE 4	E 9	ENE 6	E 4	S 3	W 7
11	ESE 14	ESE 16	E 15	E 15	E 14	E 15	E 16	E 16	E 20	E 24	E 21	E 15
12	SE 8	SE 8	S 11	SW 9	SW 8	S 9	S 9	SSW 7	S 8	SW 8	SW 8	SW 10
13	WSW 6	SW 7	WSW 6	WSW 6	WSW 5	WSW 5	SW 4	SW 5	SW 6	WSW 6	WSW 8	WSW 9
14	ESE 3	ESE 3	ESE 5	ESE 6	ESE 3	E 3	E 2	ESE 3	ESE 4	SE 4	E 6	W 9
15	E 14	ESE 11	ESE 13	ESE 9	E 9	E 9	ESE 10	E 9	E 13	E 17	E 15	E 15
16	ESE 3	NNW 17	NNW 18	NNW 15	NNW 14	NNW 14	NNW 16	NNW 18	NNW 16	NW 17	NW 25	WNW 25
17	NNE 8	NE 11	ENE 13	E 11	E 11	E 8	ENE 8	NNE 8	ENE 6	ESE 11	ESE 10	ESE 7
18	ENE 15	ENE 9	E 24	E 26	E 27	E 24	E 29	E 33	E 36	E 40	E 40	E 34
19	ESE 22	ESE 22	ESE 23	E 27	E 29	E 23	E 21	E 19	E 22	ESE 22	ESE 29	E 31
20	E 21	E 18	E 17	E 16	ESE 13	E 8	ESE 13	ESE 15	ESE 14	ESE 18	ESE 20	ESE 21
21	W 12	W 9	W 12	W 14	W 5	W 13	W 13	WSW 9	SW 10	SW 11	SSW 11	SSW 10
22	SW 6	NW 4	ESE 6	ESE 6	ESE 5	ESE 6	E 4	ESE 4	E 5	E 4	ESE 3	W 6
23	E 4	E 6	E 7	E 6	E 6	E 8	E 6	E 9	E 10	E 13	ENE 11	ENE 8
24	NE 11	NE 11	NE 9	NE 9	ENE 9	NE 7	NNE 6	ENE 9	ENE 7	W 3	NE 9	NNW 7
25	ESE 8	ESE 7	SE 4	ESE 3	ESE 6	ESE 7	E 7	E 8	ESE 12	ESE 15	ESE 16	ESE 14
26	ESE 9	ESE 8	ESE 4	E 4	ESE 6	SE 7	SE 6	SSE 6	SSW 5	W 14	WNW 12	W 14
27	NW 12	NW 10	NW 12	NW 12	NW 6	NW 6	NW 10	NW 7	N 4	W 7	WNW 6	NNW 5
28	ESE 6	ESE 7	ESE 8	ESE 8	ESE 7	ESE 8	ESE 8	E 8	ESE 9	ESE 8	SSW 8	SSW 10
29	ESE 11	E 12	E 10	E 10	E 12	E 11	E 11	E 11	E 11	E 10	ESE 7	S 8
30	SE 5	SE 5	ESE 5	ESE 6	ESE 7	ESE 8	ESE 6	ESE 7	SE 7	SSE 6	SSW 11	SW 12
31	SE 12	SSW 12	S 16	S 15	SW 15	SW 11	SW 11	SW 10	SW 11	SW 14	SW 17	SW 18
Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	WSW 14	SW 11	SW 13	WSW 15	SW 14	SW 13	SW 11	SW 10	SW 11	SW 11	SW 11	SW 13
2	W 27	W 28	W 28	W 28	W 24	W 19	W 20	W 18	W 19	WNW 17	NW 14	NW 10
3	WSW 13	W 14	W 16	W 16	WSW 16	W 19	W 15	W 14	W 12	W 10	W 8	W 8
4	WNW 16	WNW 18	WNW 18	WNW 17	W 19	W 18	W 16	WNW 13	WNW 11	WNW 12	WNW 12	WNW 11
5	W 16	W 20	W 19	WNW 17	W 16	W 20	W 19	W 18	WNW 16	NW 20	NW 27	NW 20
6	WNW 22	WNW 22	WNW 23	W 23	W 22	W 22	W 21	WNW 17	WNW 16	NNW 14	NNW 11	NNW 10
7	NE 6	NW 9	N 4	N 7	NE 8	NE 11	NE 9	ENE 7	E 10	ESE 6	NNE 3	NNE 5
8	WNW 7	W 8	W 12	W 12	WNW 12	NW 13	NW 11	NW 10	NW 7	NW 10	NW 7	NNW 6
9	WNW 15	WNW 16	WNW 15	W 17	WNW 17	WNW 13	WNW 10	WNW 8	WNW 6	W 4	N 5	NE 8
10	W 8	WNW 8	ESE 7	ESE 14	ESE 16	ESE 18	ESE 15	ESE 17	ESE 15	ESE 15	ESE 14	ESE 12
11	E 15	ESE 16	ESE 17	ESE 17	E 12	E 16	E 17	E 17	E 14	ESE 8	ESE 9	SE 6
12	SW 9	SW 11	WSW 10	WSW 12	W 10	W 9	WNW 9	WNW 8	NW 4	NNW 2	CAL 0	W 3
13	WSW 10	WSW 9	SW 9	WSW 9	WSW 10	WSW 8	WSW 7	W 5	W 3	W 2	WSW 2	ESE 2
14	WSW 11	WSW 11	WSW 10	WSW 10	W 11	W 8	WNW 5	WNW 2	ENE 8	E 10	E 11	E 11
15	ESE 11	E 10	WNW 12	WNW 13	NW 8	NW 11	NW 11	NW 11	N 4	E 8	E 7	ESE 5
16	WNW 21	NW 27	WNW 25	WNW 24	WNW 23	WNW 20	WNW 16	N 10	NE 7	ENE 10	E 7	ENE 7
17	ESE 20	ESE 23	ESE 23	E 16	E 18	E 19	E 18	E 20	E 17	E 14	SSW 3	E 5
18	E 32	E 34	E 32	E 30	E 32	E 31	E 25	E 24	E 24	E 24	ESE 27	ESE 19
19	E 30	E 30	E 30	E 27	E 25	E 24	E 22	E 21	E 18	E 17	E 18	ESE 18
20	ESE 21	ESE 24	ESE 21	ESE 21	ESE 20	ESE 21	ESE 17	ESE 17	ESE 9	S 11	W 15	W 18
21	SSW 18	S 18	SSW 17	WSW 16	W 24	W 22	W 18	W 18	WSW 11	W 11	W 9	WSW 11
22	W 9	W 13	WNW 13	WNW 12	WNW 11	WNW 10	WNW 7	W 3	WNW 2	CAL 1	E 2	E 3
23	NNE 6	N 6	ESE 7	S 6	ESE 8	ESE 14	ESE 11	E 10	E 8	NNE 6	NE 7	NE 10
24	NE 6	ESE 4	ENE 3	ENE 4	E 6	E 4	E 3	ESE 5	ESE 6	SE 8	ESE 8	ESE 8
25	ESE 12	ESE 10	E 9	E 9	ESE 5	SSW 8	S 8	SE 5	ESE 9	ESE 10	ESE 10	ESE 9
26	W 15	W 15	W 20	W 20	W 22	W 22	W 20	W 17	W 18	W 16	W 11	NW 12
27	WNW 6	SW 7	SW 11	WSW 13	WSW 12	W 12	W 11	W 7	WSW 1	SE 2	ESE 4	ESE 6
28	SW 11	SW 11	SW 10	SW 12	SW 11	SSW 9	ENE 7	ESE 10	ESE 10	ESE 12	ESE 12	ESE 11
29	SSW 11	SW 14	SW 14	SW 12	SW 9	WSW 9	SW 8	SW 5	SW 4	SE 3	ESE 4	SE 4
30	S 12	SSW 11	SW 12	SW 12	SW 9	SW 8	S 5	ESE 4	ESE 8	E 8	E 6	S 12
31	SW 17	SW 18	SW 20	WSW 17	W 18	W 16	W 14	W 13	W 13	W 12	W 13	W 15



# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

ABRIL, 2020

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	W 12	NW 11	NE 5	NE 5	NE 6	NE 6	ENE 9	ENE 8	NE 7	ENE 7	ESE 7	S 8
2	SSW 12	SW 11	WSW 14	WNW 11	WNW 14	W 12	W 14	NE 4	ENE 5	N 6	NW 7	W 15
3	ESE 4	ESE 5	ESE 5	ESE 6	ESE 7	ESE 8	ESE 8	ESE 6	ESE 5	S 7	S 7	SW 9
4	ESE 16	ESE 19	ESE 24	ESE 25	ESE 27	ESE 27	ESE 29	ESE 27	ESE 25	ESE 26	ESE 25	E 28
5	ESE 16	ESE 15	ESE 14	ESE 13	ESE 14	ESE 15	ESE 13	ESE 13	ESE 16	ESE 17	ESE 14	ESE 14
6	ESE 10	ESE 10	ESE 9	ESE 10	ESE 12	ESE 13	ESE 13	ESE 11	ESE 12	ESE 13	ESE 11	ESE 11
7	E 9	ESE 8	ESE 8	ESE 5	ESE 1	E 3	ESE 6	ESE 10	ESE 15	ESE 16	ESE 18	ESE 16
8	E 17	E 18	E 17	E 15	E 16	E 17	E 16	E 16	E 17	E 17	E 20	E 20
9	E 17	E 16	E 14	E 14	E 16	E 14	E 12	ESE 13	E 14	E 15	E 16	E 15
10	E 13	E 9	E 8	ENE 8	ENE 6	E 9	E 10	E 8	ENE 7	E 10	E 12	E 12
11	E 15	E 17	E 14	E 12	E 10	E 11	E 13	E 18	E 20	E 23	E 23	E 20
12	E 17	E 20	E 19	E 18	E 17	E 17	E 16	E 15	E 19	E 16	E 18	E 19
13	N 1	ESE 2	ESE 4	ESE 2	ESE 2	SE 4	SE 4	S 4	WSW 4	SW 4	WSW 10	SW 13
14	S 7	ESE 5	ESE 8	ESE 10	ESE 10	ESE 10	ESE 7	ESE 7	SE 7	S 10	S 13	S 17
15	ESE 13	ESE 10	SE 7	SE 8	SE 7	SSE 9	S 14	S 13	S 21	S 19	S 18	S 22
16	ESE 7	ESE 5	SE 7	SE 8	ESE 9	ESE 12	ESE 12	SE 11	SE 13	SE 12	S 17	S 16
17	ESE 7	SE 4	ESE 6	ESE 6	ESE 7	ESE 7	ESE 6	SE 6	SE 7	S 11	S 12	S 11
18	E 7	E 9	E 9	NE 4	NNE 3	ENE 7	ENE 9	ENE 10	ENE 9	E 10	E 11	ESE 8
19	WNW 6	WNW 6	NW 9	NNW 5	ESE 3	NNW 3	NNW 4	NW 7	NW 11	WNW 16	WNW 22	WNW 24
20	WNW 22	WNW 19	WNW 17	WNW 17	WNW 17	WNW 13	WNW 10	W 10	W 12	WSW 15	W 18	WSW 20
21	W 23	W 24	W 24	W 24	W 22	W 25	W 32	W 29	WSW 23	SW 20	WSW 21	W 34
22	WNW 16	W 16	NW 15	NW 12	NW 6	NW 6	NW 9	W 10	W 11	W 12	W 13	W 14
23	ENE 8	ENE 8	E 9	ESE 5	E 6	E 6	E 9	E 11	E 20	E 25	ESE 21	E 22
24	ESE 16	ESE 18	ESE 20	E 13	E 12	E 16	E 19	ESE 20	ESE 23	ESE 24	ESE 26	ESE 23
25	ESE 15	ESE 11	ENE 10	NE 9	E 5	E 8	E 5	NE 5	NNW 4	N 3	WSW 8	WSW 10
26	W 16	WSW 13	W 16	W 14	W 13	WNW 9	NW 7	N 2	WNW 6	W 10	W 12	WNW 12
27	WSW 6	W 8	WSW 4	ESE 3	ESE 6	ESE 6	ESE 7	S 15	S 20	S 19	SSW 17	SSW 16
28	W 7	ESE 4	SE 3	SE 2	ESE 2	NE 2	SE 1	SSE 3	SW 6	SW 9	SW 8	SW 10
29	WNW 6	ESE 3	E 3	E 3	E 2	E 3	E 2	WNW 1	WNW 3	WNW 5	WSW 11	W 13
30	W 11	W 10	W 8	W 8	W 8	W 8	W 10	W 13	WSW 12	WSW 13	WSW 15	W 14

Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	SW 10	SW 12	SSW 13	W 17	W 19	WSW 17	SW 14	WSW 15	SW 14	SW 15	W 23	W 19
2	WNW 17	WNW 19	WNW 20	WNW 20	W 21	W 20	W 16	W 15	W 15	W 11	W 7	W 5
3	WSW 11	WSW 11	WSW 10	WSW 5	W 6	E 18	ESE 19	ESE 18	ESE 18	E 19	E 17	ESE 18
4	ESE 27	ESE 25	ESE 23	ESE 28	ESE 25	ESE 24	ESE 23	ESE 21	ESE 18	ESE 15	ESE 15	ESE 16
5	SE 9	SE 11	SE 10	S 13	SE 11	SE 10	ESE 11	ESE 11	ESE 10	ESE 8	ESE 9	ESE 8
6	ESE 11	S 9	S 15	S 12	S 11	S 11	SW 8	SSW 8	SW 4	ESE 5	ESE 8	E 8
7	ESE 15	ESE 16	E 13	E 13	E 13	ESE 12	ESE 12	E 13	E 13	E 16	E 17	E 15
8	E 22	E 21	E 23	E 19	E 20	E 19	E 17	E 14	E 14	E 16	E 16	E 17
9	E 13	E 12	E 12	ESE 13	E 13	E 12	ESE 10	ESE 9	E 9	E 11	E 9	E 12
10	E 9	SW 14	WSW 14	WSW 11	WSW 10	WSW 9	ESE 8	ESE 11	E 7	E 9	E 14	E 13
11	ESE 20	E 18	ESE 18	ESE 18	ESE 18	E 19	E 17	E 18	E 14	E 16	E 14	E 16
12	ESE 16	E 14	E 14	ESE 12	ESE 13	ESE 13	ESE 12	ESE 9	ESE 6	SSE 4	E 3	NNW 1
13	SW 15	WSW 15	SW 15	SW 14	SW 13	SW 13	SW 12	S 11	SW 8	SSW 7	SSW 7	SSW 10
14	S 17	S 18	S 17	S 14	SSW 18	SSE 8	ESE 10	ESE 13	ESE 11	ESE 14	ESE 11	SE 12
15	S 21	S 22	S 21	SSW 15	SSW 13	SW 13	SW 12	S 6	SE 5	ESE 6	ESE 5	ESE 6
16	S 19	S 20	S 19	S 17	S 17	S 15	S 11	S 9	SSE 5	ESE 6	ESE 8	ESE 9
17	SSW 11	SW 12	SW 13	WSW 13	W 11	W 11	WNW 7	WNW 5	NW 5	N 4	NE 2	E 4
18	ESE 8	W 15	W 15	W 14	W 14	W 11	WNW 9	WNW 9	NW 11	NW 10	NW 8	NW 6
19	WNW 24	WNW 24	W 28	W 30	W 31	W 29	W 26	W 24	W 26	W 24	WNW 22	WNW 21
20	WSW 25	WSW 20	SW 18	SW 23	SW 25	WSW 26	WNW 17	W 15	W 17	W 18	W 19	WSW 22
21	W 30	WNW 26	WNW 24	WNW 24	W 24	W 23	W 25	W 23	W 22	W 19	WNW 17	WNW 17
22	WNW 14	WNW 14	W 13	W 14	W 14	W 10	W 9	W 7	W 9	NW 5	N 2	E 3
23	E 23	E 24	E 25	E 25	E 25	E 26	E 22	E 17	E 15	E 14	E 13	E 10
24	ESE 22	E 26	E 23	E 20	E 21	E 27	E 18	ESE 14	ESE 11	ESE 11	E 11	E 12
25	WSW 9	WSW 9	WNW 11	WNW 13	W 14	W 16	W 22	W 25	W 23	W 22	W 21	W 18
26	W 14	W 17	W 16	W 15	W 16	W 15	W 14	W 12	W 12	W 13	W 9	W 10
27	SSW 17	SW 21	SW 19	W 22	W 22	W 21	W 19	W 17	W 13	W 11	W 7	W 6
28	SW 10	WSW 13	W 14	W 13	W 13	W 14	W 14	W 14	W 14	WNW 14	WNW 11	WNW 8
29	W 15	W 18	W 18	W 18	W 20	W 20	W 17	W 15	W 14	W 13	W 11	W 11
30	WNW 11	W 16	W 16	W 14	W 14	W 15	W 12	W 10	W 9	WNW 8	W 6	WNW 9

# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

MAYO, 2020

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	NW 5	WNW 2	E 2	NE 2	NNW 2	ESE 2	N 2	NW 3	NNW 4	NW 5	WNW 5	W 11
2	ENE 2	ENE 3	NNE 2	NNE 2	N 3	N 3	N 2	ENE 4	ENE 5	NNW 4	WNW 10	WNW 9
3	E 3	E 7	E 10	E 11	E 13	E 11	E 8	ESE 8	ESE 12	ESE 16	ESE 17	ESE 16
4	ESE 20	ESE 23	ESE 20	ESE 24	ESE 23	ESE 19	SE 15	SE 11	SSE 14	S 18	SW 15	SW 17
5	W 13	WNW 10	NW 10	N 5	N 4	N 3	N 4	N 5	N 5	N 5	WNW 12	W 16
6	WNW 2	NE 1	N 4	N 4	NNW 6	NNE 4	NE 4	N 4	NNE 5	NNE 6	NE 8	NNE 7
7	E 10	ESE 12	ESE 11	E 11	ESE 14	E 17	E 18	ESE 19	ESE 19	ESE 20	ESE 19	ESE 24
8	ESE 11	ESE 12	ESE 12	SE 9	SE 6	ESE 7	ESE 6	ESE 8	S 16	S 16	SW 14	SW 16
9	W 8	WSW 7	WSW 8	W 9	W 10	W 13	W 9	WSW 10	SW 9	WSW 11	SW 11	WSW 11
10	W 15	W 20	W 19	W 18	W 16	W 17	W 20	W 19	W 22	W 22	W 27	WSW 23
11	SW 15	SW 18	SW 16	SW 14	SW 13	SW 15	SW 15	SW 15	SW 18	SW 17	SW 19	SW 18
12	WSW 4	SE 4	SSE 5	ESE 5	ESE 6	E 7	SSE 9	ESE 10	ESE 12	ESE 10	SW 5	ESE 7
13	W 11	WSW 8	SW 7	SW 6	SSW 8	SW 11	SW 10	SSW 10	SSW 12	SSW 12	SSW 16	SSW 15
14	WSW 10	SSW 8	ESE 5	SW 16	SW 19	SW 23	SSW 17	SSW 18	SW 23	SW 18	SSW 18	SSW 22
15	SE 9	SSE 7	SSE 9	SSE 7	SE 10	SE 10	ESE 11	ESE 15	ESE 14	ESE 16	ESE 13	SE 10
16	NE 3	SE 3	E 3	ENE 3	NE 3	NE 2	ESE 4	E 2	N 1	N 3	WNW 7	W 13
17	ESE 4	ESE 6	ESE 5	ESE 5	ESE 4	E 4	ESE 6	SE 5	ENE 3	NW 7	NNW 10	W 12
18	ESE 5	ESE 8	ESE 8	ESE 11	ESE 8	ESE 8	E 6	E 4	NNE 3	NNW 5	NW 8	WNW 10
19	NE 4	E 6	E 10	E 5	E 3	E 4	E 6	E 7	E 3	NW 4	W 7	WSW 9
20	NE 4	E 4	E 4	E 4	ESE 3	E 5	CAL 2	SW 4	SW 9	WSW 8	WNW 8	W 12
21	ESE 2	SW 2	S 3	SSE 2	ESE 3	SSE 3	SE 2	E 3	SSE 2	S 7	S 11	S 12
22	NE 3	NE 3	NE 3	E 3	CAL 0	CAL 0	N 3	N 3	WNW 3	NW 5	W 6	WNW 9
23	ESE 9	ESE 10	E 11	E 13	E 12	ENE 11	E 14	ENE 11	E 13	E 15	E 11	E 11
24	ESE 14	ESE 13	E 10	E 10	ESE 12	E 17	ESE 20	E 17	E 23	E 30	E 32	E 27
25	ESE 20	E 23	ESE 16	E 17	E 18	E 18	E 19	E 26	E 28	E 25	E 26	E 25
26	E 22	E 20	E 23	E 24	E 17	E 14	E 19	E 23	E 30	E 35	E 36	E 35
27	E 25	E 26	E 23	E 21	E 20	E 22	ESE 27	ESE 27	ESE 30	ESE 30	ESE 29	E 30
28	E 27	E 25	E 23	E 21	E 22	E 26	E 33	ESE 33	ESE 30	E 31	E 37	E 36
29	E 24	E 23	E 18	E 16	E 17	E 16	E 15	E 19	E 20	E 24	ESE 19	E 21
30	ESE 14	E 19	E 19	ESE 16	E 16	E 15	E 14	E 18	E 22	E 25	ESE 26	E 28
31	E 5	ESE 8	ESE 4	E 6	ESE 8	ESE 10	ESE 6	ESE 6	SSW 8	SSW 15	S 12	S 8
Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	WNW 13	WNW 16	W 15	WNW 16	WNW 15	WNW 14	WNW 14	WNW 14	NW 12	NW 10	N 5	N 2
2	W 11	WNW 13	WNW 12	W 14	WNW 12	WNW 10	NW 11	NW 10	NW 6	NE 4	NNE 2	ENE 3
3	ESE 17	ESE 17	ESE 19	ESE 17	E 17	ESE 19	ESE 18	E 19	ESE 19	E 21	ESE 22	ESE 21
4	WSW 15	SW 10	WSW 13	WSW 17	W 17	W 18	W 12	W 10	W 9	W 11	WSW 10	W 15
5	WNW 19	WNW 18	WNW 19	WNW 19	WNW 17	WNW 18	WNW 17	WNW 17	WNW 17	WNW 14	WNW 15	WNW 9
6	NNE 6	WNW 14	WNW 17	WNW 17	WNW 16	NW 17	NW 11	NW 9	N 5	NW 2	NNE 5	ESE 12
7	ESE 21	ESE 19	ESE 19	ESE 19	ESE 21	ESE 21	ESE 21	ESE 19	SE 13	SE 11	ESE 11	ESE 14
8	SW 17	WSW 18	WSW 21	W 21	W 18	W 19	W 15	W 11	WSW 10	WSW 7	WSW 9	W 12
9	SW 13	SW 18	SW 19	SW 19	SW 18	W 16	W 12	WSW 10	WSW 11	WSW 13	SW 11	W 14
10	W 30	W 31	W 29	W 30	W 27	W 27	W 25	W 22	W 20	W 20	W 19	WSW 13
11	WSW 15	WSW 18	WSW 16	WSW 19	W 15	W 13	WSW 9	WSW 7	WSW 5	W 5	CAL 1	WSW 3
12	S 9	SSW 13	SSW 11	SSW 11	SW 14	WSW 17	W 16	W 15	WSW 10	W 10	W 11	W 10
13	SSW 17	S 18	SSW 15	W 20	W 17	SW 9	WSW 12	WSW 11	WSW 10	SW 14	SW 16	WSW 11
14	SSW 20	SW 20	SW 20	SW 18	SSW 16	SSW 17	SSW 17	S 19	S 17	S 13	S 9	SSE 9
15	SE 8	SE 9	S 10	SE 5	SSW 7	SSW 5	SSW 7	SSW 4	W 3	NNW 1	CAL 0	NE 3
16	W 15	W 15	WNW 12	WNW 5	E 7	W 4	WSW 5	W 8	WSW 3	WSW 3	ESE 2	ESE 3
17	WNW 12	W 16	W 15	WNW 13	WNW 10	WNW 5	W 9	W 6	WSW 5	SW 2	S 2	ESE 3
18	WNW 13	WNW 16	WNW 17	WNW 16	WNW 14	WNW 12	NW 13	NW 10	NW 6	WNW 5	NNE 2	NE 3
19	W 10	WSW 14	WSW 13	WSW 12	WSW 10	WSW 10	WSW 7	W 5	WNW 4	NW 4	WNW 3	N 2
20	W 13	WNW 10	W 13	WNW 13	WNW 12	W 11	W 11	W 9	W 6	W 3	ESE 3	ESE 5
21	S 10	SW 10	WSW 12	W 13	W 12	W 11	W 9	WNW 5	NNW 4	CAL 1	NNE 2	NNE 3
22	W 14	W 13	W 13	W 14	WSW 12	WSW 9	SW 5	W 4	ENE 1	NNE 4	ENE 2	E 7
23	ESE 12	ESE 14	E 16	ESE 14	ESE 13	ESE 13	ESE 10	E 12	E 13	E 13	ESE 14	ESE 15
24	ESE 25	E 24	E 27	E 29	E 28	E 23	ESE 24	ESE 23	ESE 23	E 20	ESE 22	ESE 19
25	E 24	E 25	ESE 26	ESE 26	ESE 27	ESE 29	E 25	E 26	E 25	E 27	E 27	E 26
26	E 28	ESE 28	E 25	E 26	E 30	ESE 32	ESE 30	E 27	ESE 25	E 23	E 27	E 26
27	E 33	E 34	E 36	E 36	E 38	E 32	E 32	E 25	ESE 24	ESE 25	ESE 25	E 27
28	E 34	E 35	E 33	E 27	E 23	E 27	E 25	E 24	E 26	E 26	ESE 27	E 27
29	ESE 23	ESE 21	ESE 20	ESE 19	ESE 18	ESE 17	E 16	ESE 14	ESE 12	ESE 12	ESE 12	ESE 12
30	E 25	E 26	E 26	ESE 18	E 19	E 25	E 23	E 23	E 25	E 23	E 22	E 17
31	ESE 13	E 14	S 9	S 8	SSW 14	S 12	SE 7	SE 7	E 9	E 10	ESE 6	SW 4

# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

**JUNIO, 2020**

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	ESE 3	ESE 7	ESE 8	ESE 7	ESE 8	ESE 6	ESE 4	S 8	S 11	S 14	S 11	S 13
2	SW 1	W 2	ENE 3	ENE 4	E 5	E 6	ESE 5	SE 2	S 7	SSW 11	S 9	WSW 12
3	WNW 6	W 4	WSW 5	WSW 5	WSW 5	WSW 7	W 8	W 7	WSW 11	W 15	W 15	W 15
4	W 21	W 22	W 20	W 18	W 15	W 14	WSW 14	WSW 14	WSW 16	SW 19	SW 17	WSW 19
5	SW 12	SW 12	SW 12	SW 12	WSW 11	SW 11	WSW 12	WSW 11	WSW 11	SW 11	SW 11	SW 11
6	WSW 7	SW 5	SW 6	WSW 5	SW 5	SW 6	SW 7	SW 5	WSW 5	S 7	SW 8	WSW 11
7	WSW 13	WSW 13	W 14	W 16	W 14	W 8	W 8	WNW 9	WNW 11	WNW 13	WNW 14	WNW 16
8	WNW 17	NW 18	NW 17	NW 20	NW 20	NW 19	NW 19	NW 20	WNW 20	WNW 21	WNW 19	WNW 18
9	W 15	W 14	W 11	W 9	W 8	WSW 6	W 8	WSW 11	WSW 11	SW 13	SW 13	SW 13
10	SE 5	SE 5	SE 6	SE 7	SE 6	SE 6	SE 5	S 5	SW 8	WSW 8	WSW 9	WSW 10
11	SW 9	WSW 10	WSW 12	WSW 12	WSW 12	SW 12	SW 13	WNW 11	WNW 12	WNW 13	W 14	W 16
12	W 23	W 20	W 19	W 15	WNW 16	NW 12	NW 12	NW 10	NW 7	NW 8	NW 12	WNW 15
13	W 18	WNW 14	WNW 13	NW 12	NNE 6	NE 4	NE 4	NNE 3	NW 6	WNW 8	W 11	WNW 13
14	WNW 13	WNW 14	NW 11	NW 10	NW 12	NW 9	NW 9	WNW 12	W 15	W 15	W 17	W 19
15	W 15	WNW 18	NW 15	NW 9	NNW 6	NNW 3	NNW 3	NW 4	WNW 7	WSW 11	W 15	WNW 14
16	NW 11	NNW 10	NNW 11	NNW 9	NNW 8	NNW 7	NNW 8	NW 14	WNW 14	WNW 18	WNW 21	W 25
17	WNW 15	WNW 11	NW 11	NW 10	NNW 5	NNW 5	NNW 5	NW 8	WNW 9	WNW 11	WNW 14	WNW 17
18	ESE 5	E 2	NNE 2	NNW 5	NNW 5	NNW 7	N 5	N 7	NW 9	WNW 12	WNW 16	WNW 16
19	SSW 10	SW 8	WSW 8	WSW 6	SW 5	WSW 6	WSW 5	WSW 8	WSW 9	WSW 9	WSW 10	WSW 12
20	E 3	E 3	E 4	E 3	E 2	ENE 3	E 1	E 3	E 4	E 5	W 6	W 14
21	ESE 3	WNW 1	NW 1	E 1	NNE 3	N 3	N 5	N 4	NNE 5	NE 5	W 9	W 12
22	ESE 7	ESE 8	ESE 10	ESE 11	NE 6	ENE 6	E 8	E 8	E 17	E 21	E 21	E 25
23	E 23	E 21	E 23	E 19	E 19	E 18	E 17	E 11	E 20	E 22	ESE 24	ESE 25
24	E 7	E 8	E 7	ESE 4	SSW 2	S 6	S 6	SE 5	SSW 8	SSW 17	S 14	SW 15
25	SE 6	SE 6	S 9	S 7	SSE 3	SSE 4	S 7	S 9	S 13	S 14	S 12	S 11
26	S 6	S 5	SSE 3	SSE 4	SW 6	SW 8	S 11	S 8	SSW 8	SW 11	WSW 9	WSW 9
27	S 4	SE 5	SE 6	SE 6	ESE 7	ESE 7	SE 5	NW 2	WNW 4	WNW 7	WSW 11	WSW 13
28	S 3	SSE 6	SE 5	SE 6	SE 7	ESE 7	ESE 6	ESE 4	SE 2	W 5	SW 9	SW 8
29	ESE 4	SSE 4	SSW 2	SSE 4	SSE 5	SE 8	ESE 4	ESE 4	NW 5	WSW 9	WSW 9	WSW 11
30	ESE 9	ESE 6	ESE 8	E 9	E 7	SSE 3	SSE 5	S 9	SSW 16	SSW 19	SSW 20	SSW 19
Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	SSW 13	SSW 11	SW 11	SW 11	SW 10	SW 11	SW 11	S 7	ESE 4	SE 3	SSW 2	SW 1
2	W 14	W 15	WNW 15	W 16	WNW 14	WNW 14	W 13	W 11	WNW 10	WNW 8	WNW 7	WNW 7
3	W 16	W 18	W 19	W 18	W 19	W 20	W 21	W 17	W 16	W 16	W 17	W 18
4	SW 22	WSW 18	WSW 20	WSW 20	WSW 21	W 25	W 22	W 19	W 16	WSW 14	WSW 11	WSW 11
5	WSW 12	WSW 13	WSW 13	WSW 13	WSW 13	WSW 12	SW 10	WSW 10	W 10	W 10	W 9	W 7
6	WSW 12	WSW 11	W 11	WSW 11	WSW 11	WSW 14	W 15	W 16	W 17	W 16	W 16	WSW 12
7	W 17	W 17	W 18	W 19	W 20	W 21	W 22	W 21	W 22	W 19	W 18	W 18
8	W 20	W 21	W 24	W 24	W 24	W 23	W 21	W 20	W 15	W 14	W 13	W 12
9	WSW 14	SW 14	SW 14	WSW 15	WSW 15	SW 14	WSW 13	WSW 9	W 8	W 7	W 3	ESE 2
10	WSW 11	WSW 13	W 16	W 17	W 16	W 16	W 15	W 14	W 11	W 11	W 10	SW 10
11	W 19	W 24	WSW 23	WSW 24	WSW 28	W 29	W 30	W 30	W 30	W 28	WSW 23	W 24
12	W 14	W 17	W 20	WSW 19	WSW 19	WSW 20	W 21	W 23	W 21	W 24	W 22	W 20
13	WNW 14	W 17	W 19	W 17	W 18	W 16	W 14	WNW 12	WNW 10	WNW 10	W 13	WNW 12
14	W 21	W 23	W 24	W 23	W 22	W 21	W 17	W 13	W 12	W 11	W 12	WSW 12
15	WNW 14	W 16	W 18	W 17	W 19	W 21	W 18	W 19	W 16	W 9	WSW 7	WSW 8
16	W 26	W 28	W 28	W 26	W 27	W 25	W 23	W 22	W 21	W 19	W 19	WNW 17
17	WNW 17	WNW 17	W 18	W 17	W 18	W 19	W 16	W 14	W 10	W 9	WNW 7	ESE 3
18	WNW 17	W 19	W 19	W 19	W 20	W 20	W 17	W 14	SW 8	SSW 7	SSW 7	S 10
19	WSW 12	WSW 14	W 14	W 13	W 14	W 13	W 12	WNW 9	W 8	WNW 6	NW 4	NNW 3
20	WNW 15	W 16	W 17	W 14	W 14	W 13	W 11	W 9	WSW 4	CAL 0	SE 3	ESE 4
21	W 13	WNW 14	WNW 16	WNW 19	WNW 16	NW 14	NW 10	NNW 8	NW 6	NW 4	NW 3	ESE 5
22	E 23	E 23	E 27	E 26	ESE 26	E 24	E 24	E 22	E 23	E 24	E 21	E 19
23	E 25	E 23	E 26	E 25	ESE 24	ESE 25	ESE 23	ESE 18	ESE 16	ESE 8	SE 8	ESE 7
24	SSW 12	SW 16	SSW 15	SW 13	SW 13	W 13	W 12	NW 9	NW 6	NNW 3	W 2	SSW 6
25	S 12	SSW 13	SW 16	WSW 13	WSW 15	WSW 12	WSW 11	SW 9	SW 7	SW 6	S 7	SSE 5
26	WSW 12	W 13	WSW 14	W 17	W 18	WSW 16	W 17	W 17	WSW 12	WSW 7	SW 7	SW 5
27	W 15	W 17	W 19	W 18	W 17	WNW 15	WNW 17	WNW 16	WNW 10	NW 7	NW 2	SSE 2
28	SW 6	W 13	W 14	WNW 14	WNW 14	W 12	W 12	W 11	W 6	ESE 2	SE 4	SSW 3
29	WSW 11	WSW 11	W 13	W 13	WNW 12	WNW 11	WNW 9	WNW 8	NW 4	N 3	ESE 15	ESE 11
30	S 18	S 15	SSW 17	SSW 15	SW 13	SW 10	SW 9	SSW 8	SSW 6	S 9	SSW 9	S 8

# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

**JULIO, 2020**

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	S 8	SSW 9	S 7	SSW 8	SW 7	SSW 7	S 8	SSW 7	SSW 9	SSW 8	SW 7	SW 8
2	SSE 7	SSE 7	SE 5	SSE 8	SSE 6	S 6	SSE 6	SE 5	ESE 3	WNW 6	W 11	W 14
3	SE 7	ESE 6	ESE 4	E 3	NNW 4	N 4	NNW 9	NNW 7	NW 9	WNW 10	W 11	W 14
4	ESE 4	ESE 5	SE 3	E 1	ESE 4	ESE 2	NW 1	E 3	E 14	ESE 13	ESE 16	ESE 15
5	E 16	ESE 12	E 13	E 14	E 16	E 11	E 12	E 14	E 19	E 20	E 20	E 23
6	ENE 13	E 13	E 11	E 10	E 12	E 9	E 7	ENE 5	ENE 11	ENE 8	E 6	WSW 8
7	E 11	ESE 12	ESE 13	E 13	ESE 11	ESE 6	ESE 5	E 2	WNW 3	ESE 4	WSW 11	W 15
8	NNW 5	NNE 4	E 7	E 9	ESE 8	SSE 4	SE 7	S 7	WSW 9	WSW 8	WSW 11	W 13
9	SSW 10	SSW 9	SSW 9	SSW 10	SSW 9	SSW 8	SSW 9	SSW 9	SSW 9	SSW 9	SSW 8	SW 10
10	S 2	ESE 6	ESE 4	SE 3	SSE 3	SSE 3	SE 4	SSW 5	S 7	WSW 7	WSW 9	WSW 10
11	ESE 6	E 6	E 9	ESE 12	E 14	E 13	E 14	E 15	E 21	E 22	E 20	E 22
12	E 20	E 17	E 17	E 15	E 16	E 22	E 15	ESE 16	ESE 21	ESE 17	E 15	ESE 12
13	ESE 10	SE 9	ESE 13	SE 9	ESE 11	ESE 10	ESE 10	E 13	E 16	ESE 12	WSW 11	WSW 14
14	ESE 12	ESE 10	SE 10	ESE 8	ESE 11	ESE 10	E 10	ESE 13	E 14	ESE 14	WSW 9	WSW 13
15	ESE 14	ESE 21	ESE 22	E 21	E 23	ESE 26	ESE 20	E 19	ESE 25	E 23	ESE 27	ESE 25
16	E 24	E 24	E 23	E 22	E 21	E 19	E 15	E 22	E 28	E 29	E 26	E 25
17	ESE 22	ESE 22	E 20	E 19	E 21	E 19	E 14	ESE 15	E 17	E 22	E 22	ESE 23
18	E 10	ESE 9	ESE 7	SE 5	SE 10	SE 11	ESE 12	ESE 15	ESE 17	ESE 16	ESE 14	ESE 12
19	NNE 2	E 5	ESE 10	SE 5	SE 4	SE 5	ESE 10	ESE 6	SSW 3	WNW 10	WNW 13	W 11
20	ESE 1	NE 3	E 12	E 15	E 17	E 17	E 15	E 15	E 19	E 17	E 20	E 13
21	SSE 9	S 9	ESE 9	ESE 12	S 10	S 12	S 12	S 14	S 17	SSW 14	SSW 16	SSW 16
22	SSW 9	SW 9	WSW 7	WSW 6	SW 4	W 2	WSW 2	W 3	SSW 3	WSW 9	WSW 12	W 13
23	ESE 3	S 2	SSE 6	S 6	S 5	S 4	S 5	S 4	S 9	SSW 8	SW 8	SW 10
24	SW 2	SSE 2	SSE 6	SSE 10	S 8	SSE 7	SE 5	SE 6	SSW 7	S 8	SSW 9	SW 11
25	SE 3	WSW 3	SSE 3	SE 6	SE 5	SE 5	S 5	SSE 3	S 6	WSW 8	W 9	W 14
26	ENE 10	ENE 11	E 11	E 10	ESE 11	E 10	ESE 10	SE 10	ESE 11	ESE 10	E 8	WSW 14
27	ESE 10	SE 7	S 11	S 14	S 14	S 11	S 14	S 12	S 11	S 11	SW 11	WSW 13
28	CAL 0	CAL 0	CAL 1	ESE 2	S 3	WSW 3	WSW 4	SW 4	WSW 5	WSW 8	SSW 7	WSW 10
29	SSE 5	SSE 6	SSE 4	SE 5	SSE 4	SSE 4	S 4	S 9	S 11	SSW 12	SSW 10	SW 10
30	SSE 3	WSW 5	CAL 0	ESE 5	SE 3	S 4	S 5	S 6	SSW 5	WSW 8	WSW 9	WSW 11
31	N 2	NE 4	ENE 5	ENE 5	ENE 7	ENE 7	ENE 6	E 6	E 5	ENE 5	W 9	WSW 12
Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	WSW 11	WSW 12	WSW 13	W 14	W 13	W 11	W 12	W 10	WNW 9	WNW 7	WSW 5	SSW 5
2	W 14	W 17	W 18	W 19	W 20	W 21	W 16	W 16	W 11	W 10	SSE 5	SE 5
3	W 15	W 15	W 17	W 15	W 13	W 15	W 12	W 7	W 6	W 4	SSW 2	SE 3
4	ESE 10	WSW 13	W 15	W 13	W 14	WNW 13	WNW 9	W 7	SE 7	ESE 10	E 7	E 14
5	E 26	E 25	E 22	E 21	E 21	ESE 18	E 16	ESE 15	ESE 17	ESE 17	E 14	E 15
6	WSW 14	W 15	WSW 13	WSW 13	W 14	W 12	W 9	ESE 3	ESE 6	E 4	E 6	E 5
7	W 14	WNW 11	WNW 8	W 6	W 12	WNW 10	WNW 8	NW 6	ENE 3	NW 4	N 4	NW 5
8	W 19	W 19	W 18	W 19	WSW 18	W 16	WSW 14	WSW 11	WSW 8	SW 8	SW 8	SW 8
9	WSW 11	SW 11	WSW 13	WSW 11	WSW 11	WSW 11	W 10	W 8	WSW 5	SW 6	W 5	WSW 4
10	WNW 13	WNW 13	WNW 13	WNW 12	W 13	WNW 11	W 11	WNW 5	CAL 1	ESE 4	ESE 4	ESE 8
11	E 23	ESE 24	ESE 25	ESE 26	ESE 27	E 30	ESE 30	E 30	ESE 27	ESE 27	ESE 22	E 16
12	WSW 13	WSW 12	WNW 14	WNW 13	WNW 15	WNW 14	WNW 12	WNW 11	WNW 8	W 4	N 1	ESE 8
13	WSW 17	W 14	WNW 14	WNW 13	WSW 13	WSW 11	W 10	W 7	WNW 6	E 7	SSW 4	ESE 6
14	WNW 14	WNW 13	WNW 15	WNW 15	WNW 15	WNW 12	ESE 6	E 11	E 12	ESE 10	ESE 11	ESE 14
15	E 22	E 27	E 27	E 27	E 29	E 25	ESE 22	ESE 28	E 24	E 25	E 24	E 25
16	E 27	E 27	E 24	E 21	E 25	E 24	E 24	E 25	E 22	ESE 26	ESE 24	E 22
17	ESE 21	ESE 20	ESE 19	ESE 18	ESE 17	ESE 16	ESE 17	ESE 14	ESE 14	ESE 14	ESE 12	E 6
18	SE 10	SSW 8	SSW 8	SSW 9	SSW 10	WNW 13	WNW 14	WNW 11	NW 8	WNW 6	W 4	NW 4
19	WSW 10	W 11	WSW 14	W 14	W 13	WNW 14	WNW 9	W 7	N 3	ESE 4	E 7	ESE 3
20	WSW 12	E 13	ESE 20	E 20	ESE 14	E 27	E 26	E 27	ESE 28	ESE 26	ESE 25	SE 16
21	SSW 14	SSW 14	SW 13	WSW 15	W 16	WSW 11	W 11	WSW 9	WSW 7	W 5	W 4	SSE 3
22	WNW 14	WNW 15	WNW 15	WNW 14	W 14	W 13	WNW 13	WNW 13	WNW 10	WNW 8	W 2	CAL 0
23	WSW 14	WSW 15	WSW 13	W 13	W 14	W 16	WNW 13	WNW 10	NW 7	NW 3	CAL 1	W 3
24	SW 12	WSW 11	WSW 12	W 13	W 14	W 12	W 9	WNW 8	WNW 6	WNW 3	ESE 6	ESE 7
25	WNW 13	W 15	WNW 15	WNW 14	WNW 15	WNW 13	WNW 11	NW 5	NW 5	N 2	CAL 0	E 4
26	WSW 14	W 16	W 14	NW 11	WNW 14	W 15	W 11	WSW 9	SE 5	ESE 9	ESE 14	ESE 9
27	WSW 14	WSW 14	WSW 13	WSW 13	WSW 13	W 12	W 10	W 9	W 4	WSW 3	WSW 3	W 2
28	WSW 13	W 16	W 17	W 15	W 15	W 14	W 12	W 12	WNW 7	WSW 4	S 4	SSE 6
29	SW 12	WSW 14	WSW 14	WSW 12	WSW 11	W 12	W 12	WNW 8	NW 5	NNE 4	ESE 10	S 5
30	SW 9	SW 8	SW 9	W 14	W 20	W 16	W 12	W 10	WNW 8	W 5	W 4	NW 3
31	WSW 10	SW 8	W 11	WNW 12	WNW 12	WNW 12	WNW 12	NW 10	NW 7	NW 8	WNW 9	SSW 6

# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

AGOSTO, 2020

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	W 8	W 5	W 4	SW 2	WSW 2	NW 3	E 2	NW 4	NW 7	WNW 8	WNW 10	W 10
2	SSW 2	SSE 6	SSE 6	CAL 1	SSE 6	ENE 3	N 3	NW 8	NW 11	WNW 11	WNW 12	W 14
3	SSE 9	SSE 9	SE 6	SSE 7	NW 12	WNW 9	WNW 14	WNW 9	W 12	WNW 10	W 7	WSW 12
4	SSE 7	SSE 8	SSE 8	SE 7	SE 6	SSE 6	S 8	S 14	S 14	SSW 15	SSW 13	SW 13
5	E 9	E 12	E 11	E 11	E 14	ESE 14	E 16	ESE 18	E 21	ESE 17	ESE 17	ESE 16
6	E 12	E 12	E 10	ESE 9	ESE 9	ESE 8	ESE 8	ESE 8	ESE 22	ESE 17	ESE 21	ESE 21
7	SE 11	ESE 8	ESE 10	SE 4	SSE 4	S 10	S 8	S 9	SSW 12	SSW 13	SSW 13	SSW 14
8	WNW 4	W 10	ENE 6	NNW 5	N 6	ENE 6	NE 3	ENE 2	ENE 3	E 8	ESE 12	SSW 8
9	SW 8	ESE 4	E 6	E 7	ESE 10	S 9	SSE 7	S 8	S 7	SSW 7	SW 9	WSW 11
10	ESE 2	SE 3	SE 8	SE 5	ESE 7	ESE 4	SSW 3	SSE 5	SSW 7	SW 9	SW 13	SW 11
11	WSW 3	WSW 5	SW 4	S 1	WNW 2	W 3	ESE 1	ESE 3	SSW 5	S 9	SW 9	SW 12
12	SW 12	SW 12	SW 11	W 11	W 11	W 9	W 8	WSW 7	WSW 10	WSW 11	WSW 13	W 14
13	WSW 6	WSW 8	NW 12	NW 9	ESE 5	ESE 4	SE 3	WSW 7	WSW 11	WSW 10	WSW 11	W 13
14	SE 4	SE 6	SE 6	SE 6	SE 5	SW 8	SSW 6	S 9	SW 9	WSW 10	SW 10	WSW 12
15	SW 5	SSW 5	NNW 3	NNW 7	NW 7	WNW 9	NW 10	NW 11	WNW 12	WNW 14	WNW 14	WNW 16
16	NNW 13	NNW 10	NNW 7	NNW 7	N 6	N 4	N 7	N 8	NNW 6	NW 9	WNW 15	WNW 18
17	NNW 6	N 3	N 5	NNE 3	NE 3	N 6	N 5	NNW 6	NNW 7	N 7	N 8	WNW 17
18	NNW 4	N 5	N 6	N 6	N 5	N 6	N 6	N 5	NE 6	NE 8	N 8	WNW 12
19	ESE 3	E 1	NNE 1	ESE 2	ESE 2	SSE 4	WSW 3	W 4	WSW 3	W 5	WNW 8	WNW 12
20	WSW 8	SW 4	WSW 6	NNW 5	NNW 5	NNW 3	SE 2	SE 2	WSW 4	WNW 8	WNW 9	W 10
21	S 5	SW 7	SW 5	SW 3	SSE 4	S 4	SSE 2	SE 2	ENE 2	WNW 5	W 9	W 13
22	SSE 3	S 4	SSE 5	ESE 3	ESE 3	ESE 2	E 2	NNE 2	NNW 4	NW 5	NW 7	W 11
23	SE 5	SSE 9	SSE 7	SE 8	ESE 5	E 3	E 3	ESE 4	ESE 2	W 4	WNW 8	W 11
24	SSE 7	SSE 8	SE 7	SSE 6	SE 7	SSW 4	SSE 3	S 3	SSE 2	WNW 7	W 12	W 11
25	ESE 14	E 14	E 11	ENE 10	E 11	E 11	E 11	E 15	E 16	E 15	E 14	E 10
26	NE 2	E 3	ESE 3	ESE 4	ENE 2	E 5	ESE 6	E 8	E 7	W 5	WNW 10	W 13
27	E 4	ESE 8	ESE 9	ESE 3	SE 3	SSE 2	WNW 2	WNW 4	WNW 8	WNW 8	WNW 10	WNW 10
28	SE 4	SSE 5	S 3	NW 9	NW 15	WNW 14	WNW 13	WNW 14	W 15	W 17	W 18	W 19
29	NW 21	NW 22	NW 24	NW 23	NW 18	NNW 14	NNW 12	NNW 10	NNW 11	NW 14	NW 17	WNW 17
30	ESE 3	SE 3	NNE 2	N 4	N 3	E 7	NE 5	NNE 5	N 4	NE 6	NE 6	ENE 5
31	ESE 13	E 14	E 13	E 15	E 15	E 16	E 17	E 21	E 23	E 22	E 23	E 24
Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	W 14	W 14	WNW 15	W 15	W 16	W 16	WNW 15	WNW 14	WNW 15	WNW 9	WNW 6	SW 1
2	W 17	W 17	W 17	W 18	W 19	W 22	W 17	W 10	WSW 6	SW 6	SW 8	S 7
3	W 18	W 16	W 17	WSW 16	WSW 15	WSW 14	SW 11	SW 8	SSW 5	SSE 6	SE 7	SE 7
4	WSW 13	WSW 15	WNW 14	WNW 13	WNW 12	NW 13	NW 10	WNW 5	WNW 3	ESE 3	ESE 9	ESE 8
5	E 17	E 18	ESE 19	ESE 19	ESE 18	E 18	ESE 14	ESE 15	E 15	E 14	ENE 5	E 11
6	ESE 20	ESE 23	E 26	ESE 25	E 29	E 30	ESE 22	ESE 19	ESE 14	ESE 14	ESE 15	ESE 11
7	SW 16	SW 17	WSW 15	WSW 14	W 13	W 13	W 10	W 9	W 11	WNW 5	NE 5	N 5
8	S 7	WSW 16	W 16	WNW 15	W 15	WNW 12	WNW 10	NW 8	NW 7	NNW 4	N 2	SW 3
9	WSW 13	W 13	WSW 13	W 13	W 13	W 13	W 11	W 8	W 8	WNW 7	E 1	E 2
10	SW 12	WSW 13	WSW 13	W 13	W 13	W 13	W 12	WSW 9	SSW 6	SE 4	WSW 8	WSW 4
11	SW 12	SW 14	SW 15	SW 14	WSW 15	W 17	WSW 16	WSW 11	WSW 10	SW 10	SW 9	SW 10
12	W 15	W 16	W 16	W 17	W 19	W 20	W 17	W 15	W 12	W 11	WSW 6	WSW 5
13	W 12	WNW 14	W 14	W 15	W 16	W 16	W 13	W 10	W 10	WSW 7	SW 5	S 5
14	W 14	W 15	W 14	W 15	W 19	W 18	W 17	W 14	W 11	WSW 8	SW 7	SSW 5
15	W 17	W 18	W 17	W 17	W 21	W 21	W 18	W 16	W 16	W 16	WNW 15	NW 18
16	WNW 19	W 19	W 21	W 22	W 23	W 21	W 18	W 13	W 12	WSW 9	WSW 5	N 5
17	WNW 19	WNW 20	WNW 17	WNW 17	WNW 19	WNW 19	WNW 14	WNW 11	WNW 9	W 7	WNW 4	N 4
18	WNW 13	WNW 18	WNW 20	WNW 19	WNW 19	WNW 18	WNW 19	NW 17	NW 14	NNW 9	NNW 6	ESE 3
19	WNW 13	W 12	W 15	W 14	W 13	WNW 14	WNW 11	WNW 10	WNW 7	W 4	W 3	SW 4
20	W 12	W 14	W 15	WNW 18	WNW 18	WNW 16	WNW 13	NW 10	WNW 8	WSW 6	SW 4	SSW 5
21	W 16	W 17	W 15	W 16	W 17	W 17	WNW 15	WNW 14	WNW 11	WNW 8	WSW 4	SE 3
22	WNW 13	WNW 15	WNW 17	WNW 15	WNW 16	WNW 17	WNW 15	WNW 13	WNW 11	WNW 8	W 6	ESE 4
23	WSW 13	WSW 13	WSW 14	W 13	WSW 12	SW 9	W 10	WSW 5	S 5	SE 7	SE 9	SE 9
24	W 14	W 15	WNW 16	WNW 15	WNW 15	WNW 14	NW 10	NNW 4	N 1	E 6	E 13	E 14
25	WSW 13	W 14	W 13	WNW 15	WNW 15	WNW 14	WNW 13	WNW 8	NW 7	WNW 4	W 4	N 2
26	W 13	W 13	W 15	W 13	W 12	W 11	WSW 6	WSW 2	W 5	WNW 5	NNE 3	NNE 3
27	WSW 14	W 15	W 12	W 14	W 16	W 15	W 11	W 13	SW 6	SW 5	S 5	SE 5
28	W 20	W 22	WSW 20	W 22	WSW 17	W 22	W 20	W 17	W 15	W 13	NW 16	NW 16
29	WNW 20	WNW 19	W 20	W 17	W 18	W 17	W 7	W 5	NW 8	NNW 7	ESE 9	ESE 7
30	NW 12	NW 12	WNW 12	WSW 11	SW 12	SW 12	WSW 9	WSW 5	E 3	E 8	ESE 9	ESE 10
31	E 24	ESE 24	ESE 24	ESE 22	ESE 22	ESE 23	E 16	ESE 15	ESE 16	ESE 16	ESE 19	E 16

# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

SEPTIEMBRE, 2020

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	E 14	E 13	E 13	E 13	ENE 11	ENE 10	NE 7	ENE 7	ENE 9	E 4	W 8	W 11
2	ESE 5	ESE 5	ESE 6	SE 5	SE 4	ESE 5	SE 7	SE 6	S 9	S 11	S 10	SW 9
3	ESE 12	E 14	E 13	E 17	E 13	E 17	E 15	E 19	E 23	E 30	E 31	E 29
4	ESE 25	ESE 27	ESE 28	ESE 27	E 26	E 25	E 25	E 25	E 26	E 24	E 29	E 27
5	E 19	E 19	E 17	E 17	E 18	E 15	ESE 16	ESE 18	E 20	E 21	E 22	ESE 20
6	E 21	E 21	ESE 16	E 19	E 17	E 18	E 19	E 19	E 21	ESE 20	E 19	ESE 20
7	ESE 15	E 12	E 13	ESE 9	E 7	E 5	E 2	E 4	ESE 4	E 4	WNW 9	WNW 10
8	ESE 13	ESE 15	ESE 18	ESE 17	ESE 18	ESE 18	ESE 19	ESE 22	ESE 21	ESE 20	ESE 20	ESE 22
9	ESE 22	ESE 20	ESE 19	ESE 21	E 17	E 17	E 17	E 19	E 20	E 21	E 18	E 19
10	ENE 3	ESE 9	ESE 11	ESE 10	ESE 11	ESE 11	ESE 11	ENE 7	E 11	E 12	ENE 6	NNW 6
11	ESE 8	ESE 11	ESE 11	ESE 11	ESE 9	ESE 12	E 15	ESE 16	ESE 17	E 21	E 19	ESE 15
12	ENE 5	ENE 8	ENE 7	ENE 9	E 9	ENE 7	ENE 7	E 7	E 9	ESE 15	ESE 14	ESE 19
13	ESE 21	ESE 21	SE 15	ESE 11	ESE 11	ESE 13	ESE 14	ESE 13	ESE 15	ESE 19	ESE 20	ESE 22
14	ESE 20	ESE 22	ESE 19	ESE 14	SE 8	ESE 9	SE 6	SE 5	ESE 11	ESE 16	ESE 15	ESE 14
15	NW 6	NW 6	NW 6	N 3	E 6	ENE 4	E 8	E 8	E 9	E 5	E 4	WNW 13
16	ESE 1	ESE 5	ESE 7	ESE 6	E 7	ESE 6	E 6	ESE 6	ESE 6	ESE 5	SSW 8	SW 10
17	ESE 5	SSE 4	SSE 4	SE 4	S 5	S 5	SW 8	SW 9	SSW 12	SSW 15	SSW 15	S 15
18	SSW 13	SSW 11	S 8	S 12	SE 8	SE 8	SE 6	SE 6	S 13	S 18	S 17	S 22
19	SW 12	SW 11	SW 11	SW 9	SW 8	SW 9	SW 9	SW 11	SSW 12	SW 15	SW 16	WSW 17
20	WNW 7	NW 4	E 4	NNE 2	CAL 1	NE 3	NNE 3	NE 4	NNW 5	N 4	NW 7	WNW 12
21	E 4	ENE 4	E 2	NE 1	N 2	N 2	N 2	NNE 4	NE 5	NE 6	NNE 5	N 6
22	ESE 1	ESE 1	N 1	N 4	N 4	NNE 3	NNE 5	NE 4	N 3	N 3	NNW 4	WNW 7
23	W 11	W 12	W 14	W 11	NW 3	SSW 3	W 3	WNW 8	WNW 6	WNW 7	NW 7	NW 9
24	NE 2	NE 3	ENE 6	ENE 10	ENE 7	ENE 5	E 7	NNE 2	N 4	NE 5	NE 6	NE 8
25	NNE 4	N 4	N 5	N 8	NNW 10	NNW 9	NNW 9	N 9	N 7	N 8	NNW 13	NW 16
26	N 6	NNW 6	N 6	N 6	N 5	N 5	N 5	NNE 6	NE 8	N 7	NE 7	NNW 12
27	NNW 10	N 8	N 7	N 8	NNW 10	NNW 6	NNW 7	N 6	N 10	NW 15	NW 16	WNW 16
28	E 4	ESE 5	ESE 6	ESE 5	ESE 4	E 4	E 7	SE 2	E 1	E 1	WNW 5	WSW 11
29	E 14	E 15	E 14	E 13	ENE 14	ENE 9	NE 5	NE 5	ENE 6	E 16	E 17	E 19
30	ESE 6	E 1	ESE 4	SE 3	SSE 4	SE 4	ESE 6	SE 7	SE 7	SSW 6	SSW 13	S 14

Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	W 14	W 13	W 14	W 15	W 13	W 12	WSW 10	WSW 8	SSW 5	SSW 4	S 4	SE 5
2	WSW 12	WSW 11	W 14	WNW 13	WNW 10	WNW 8	WNW 5	ESE 9	ESE 12	ESE 15	ESE 14	E 10
3	E 31	E 29	E 30	E 30	E 28	E 27	E 23	E 22	E 20	E 22	ESE 22	ESE 24
4	E 26	E 26	E 27	ESE 26	E 27	ESE 26	ESE 24	ESE 23	ESE 23	E 24	E 20	E 20
5	E 20	E 19	ESE 19	ESE 18	ESE 20	ESE 21	ESE 21	ESE 21	ESE 22	ESE 21	ESE 24	E 23
6	E 19	ESE 19	ESE 18	ESE 18	ESE 18	ESE 18	ESE 19	ESE 15	ESE 15	ESE 14	E 15	ESE 15
7	WNW 12	WNW 15	WNW 16	WNW 15	W 12	W 12	WNW 10	WNW 10	WNW 4	ESE 4	ESE 9	ESE 12
8	ESE 22	ESE 23	E 24	ESE 24	ESE 26	ESE 25	ESE 23	ESE 23	ESE 23	ESE 23	ESE 21	ESE 21
9	ESE 15	E 14	ESE 13	ESE 9	NW 7	NW 5	NNW 3	ESE 8	ESE 12	ESE 11	ESE 12	ESE 11
10	WSW 8	WSW 14	WSW 16	WSW 14	WSW 12	WSW 10	SW 8	WSW 7	WSW 2	SE 3	E 4	E 10
11	E 14	ESE 14	ESE 14	ESE 19	ESE 20	ESE 13	WNW 7	W 5	E 10	ESE 11	E 10	ENE 4
12	E 21	E 21	E 23	E 27	E 24	ESE 21	E 18	E 15	ESE 16	E 16	ESE 22	ESE 21
13	ESE 24	ESE 27	ESE 20	ESE 22	ESE 23	ESE 22	ESE 22	ESE 17	ESE 15	ESE 19	ESE 21	ESE 20
14	ESE 13	SSW 14	SSW 15	SSW 15	SSW 10	SW 13	W 15	NW 7	WNW 5	WNW 7	WNW 7	NW 5
15	W 15	WNW 14	WNW 13	WNW 14	WNW 14	WNW 13	NW 8	WNW 7	W 3	W 7	NNW 5	NNW 3
16	SSW 10	SW 10	SW 12	WSW 13	W 14	W 10	S 2	N 3	W 6	W 6	WNW 2	E 5
17	SSW 16	S 15	SSW 13	SW 16	SW 16	SW 12	SSW 11	SSE 8	S 8	S 12	S 12	S 15
18	S 19	SSW 15	SW 16	SW 19	SW 18	SW 17	SW 16	SW 16	SW 13	SW 12	WSW 14	SW 13
19	WSW 16	WSW 18	W 14	W 12	W 12	W 13	W 13	W 12	W 12	W 10	W 9	WNW 8
20	WNW 16	WNW 17	WNW 18	WNW 18	WNW 14	WNW 12	WNW 13	NW 14	NW 13	NW 11	NW 7	NNE 4
21	W 14	WNW 16	WNW 16	WNW 16	WNW 15	WNW 13	WNW 11	NW 14	NW 16	NW 14	NW 9	NNW 4
22	W 11	WNW 11	W 12	W 15	W 12	W 10	W 13	W 10	W 12	W 13	W 12	W 14
23	WNW 10	WNW 12	WNW 13	NW 12	NW 9	NW 8	WNW 5	NW 5	NW 7	NNW 4	N 3	NNE 3
24	N 7	NE 10	WNW 13	WNW 14	NW 11	NNW 9	N 6	NNE 4	N 4	N 5	N 5	N 5
25	NW 18	WNW 21	WNW 22	WNW 21	WNW 20	WNW 22	WNW 20	WNW 19	NW 19	NNW 14	NNW 10	N 8
26	W 16	W 18	WNW 20	WNW 19	WNW 19	WNW 16	W 12	W 10	W 12	WNW 14	NW 17	NNW 14
27	WNW 18	WNW 17	W 16	W 16	W 16	W 14	WNW 13	W 9	W 4	W 1	SE 3	E 3
28	WSW 12	WSW 12	W 14	WSW 12	WSW 8	W 6	W 2	W 3	ESE 8	ESE 5	E 8	E 10
29	E 18	ESE 15	ESE 14	E 16	ESE 15	N 6	ESE 8	E 11	E 11	E 12	E 9	ESE 7
30	SW 13	SW 12	WSW 13	WSW 12	W 10	W 8	W 6	W 4	WSW 4	WSW 3	WSW 3	SSE 2

# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

**OCTUBRE, 2020**

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	S 5	SW 4	S 4	SSE 3	WNW 6	NW 13	NW 8	NW 11	NW 14	WNW 13	WNW 13	WNW 15
2	WNW 18	WNW 17	NW 20	NW 17	WNW 16	WNW 14	W 13	W 17	W 21	W 24	WSW 22	WSW 25
3	NW 24	NW 21	NW 19	NW 21	NW 17	NNW 16	NNW 14	NNW 11	NNW 9	NNW 12	NW 17	WNW 16
4	N 10	NNE 6	NE 5	NE 5	NE 5	N 2	N 2	N 2	N 3	N 5	WNW 8	W 12
5	NW 15	NNW 11	NNW 9	N 6	N 8	N 6	N 7	NNW 9	N 8	NNW 11	N 8	NW 12
6	NE 5	NE 4	NE 4	ENE 7	NE 9	E 12	ENE 7	ENE 4	NE 3	NNE 3	WNW 4	WNW 7
7	E 5	ESE 7	ESE 7	E 7	E 8	E 7	ENE 5	ENE 5	ENE 6	ENE 4	N 3	NW 6
8	ENE 11	E 8	E 13	E 12	E 14	ENE 13	ENE 9	ENE 13	E 13	E 20	ESE 20	ESE 18
9	E 16	E 16	E 17	ENE 12	E 13	E 13	E 12	E 14	E 16	E 17	ESE 15	E 13
10	E 9	E 10	E 8	E 10	ESE 10	ESE 13	ESE 10	E 9	ESE 11	ESE 11	ESE 10	ESE 8
11	ENE 3	ENE 2	ESE 3	ESE 7	ESE 7	ESE 6	E 5	E 6	E 8	E 5	ESE 4	W 11
12	E 6	E 10	ENE 10	E 12	ENE 10	NE 4	NE 6	NE 4	NE 7	NE 8	NE 8	NE 9
13	E 6	E 8	NE 5	ENE 6	E 7	E 7	E 6	ENE 4	ENE 9	ENE 8	NW 6	WNW 8
14	W 13	WNW 13	NW 16	NW 16	NW 18	NW 17	NW 18	NW 18	WNW 18	NW 18	WNW 17	WNW 16
15	NW 14	NNW 11	NNW 9	NNW 6	N 2	E 3	E 4	ESE 5	SE 1	WNW 3	WNW 7	W 10
16	ESE 6	ESE 10	ESE 9	ESE 8	ESE 8	ESE 9	ESE 9	ESE 10	ESE 8	ESE 6	S 7	SSW 10
17	ESE 4	ESE 4	ESE 6	ESE 5	ESE 7	ESE 8	ESE 8	ESE 6	ESE 5	ESE 5	NE 3	WNW 6
18	E 10	ENE 9	ENE 10	E 11	E 12	ENE 10	ENE 9	ENE 10	E 13	ESE 16	ESE 16	ESE 17
19	ESE 24	ESE 24	ESE 25	ESE 24	ESE 24	ESE 25	ESE 23	ESE 24	ESE 23	ESE 22	ESE 22	ESE 21
20	SE 11	ESE 13	ESE 11	ESE 14	ESE 16	ESE 16	ESE 17	ESE 13	ESE 13	ESE 15	SE 15	SE 12
21	S 14	S 15	S 14	SW 18	SW 15	SW 15	SW 12	SW 11	SSW 11	SSW 11	SW 9	SW 10
22	SE 7	WSW 8	SSE 8	SSE 8	SSE 6	SE 5	SSE 7	SSE 8	SSE 8	S 9	S 11	S 14
23	W 3	SSW 2	NE 2	ENE 3	E 3	E 5	E 7	E 7	ESE 7	ESE 7	ESE 3	W 6
24	ESE 3	E 3	E 4	E 4	ESE 5	ESE 6	ESE 6	ESE 7	ESE 5	ESE 4	S 5	S 7
25	WSW 3	ESE 4	ESE 4	ESE 3	S 3	NW 7	N 2	E 4	ESE 5	E 3	W 3	WSW 5
26	NW 15	NW 17	NW 19	NNW 14	NNW 9	NNW 10	N 9	NNW 11	NNW 9	NNW 12	WNW 15	NW 15
27	NNE 4	NNE 4	NE 4	NNE 3	NNE 3	NNE 4	NNE 3	NNE 3	NE 5	NE 5	NNE 4	NW 8
28	NW 8	NNW 7	NE 5	ENE 7	NE 7	NE 7	NE 6	NNE 7	NE 8	NE 8	NNE 8	NNE 8
29	ENE 6	E 6	E 7	ENE 5	E 11	E 9	E 8	E 8	ENE 5	ENE 9	NNE 6	NE 9
30	E 19	ENE 15	E 12	ENE 9	ENE 12	E 14	E 13	E 10	E 13	E 13	ESE 17	ESE 18
31	E 9	E 8	E 9	E 9	E 8	E 12	E 11	E 11	ESE 9	ESE 6	NW 5	NW 4
Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	WNW 17	W 17	W 19	W 22	W 23	W 23	W 20	W 18	W 18	W 16	NW 21	NW 21
2	WSW 24	W 36	W 34	W 34	W 32	W 28	WNW 25	WNW 19	NW 21	NW 23	NW 28	NW 25
3	WNW 18	WNW 18	W 19	W 17	W 16	W 17	W 16	W 15	W 15	W 14	W 13	W 9
4	WNW 13	W 15	W 16	W 19	W 18	W 18	W 17	W 16	W 12	WNW 11	WNW 8	WNW 10
5	WNW 18	WNW 18	WNW 19	WNW 18	WNW 16	WNW 13	WNW 10	WNW 9	W 10	WNW 8	NW 5	NE 5
6	W 11	W 14	WNW 14	W 13	WSW 11	WSW 8	SW 4	WSW 3	WSW 2	NNE 3	ESE 3	ENE 4
7	NW 5	W 9	W 10	WSW 10	WSW 10	W 6	WNW 2	N 1	ESE 7	ESE 7	E 10	ENE 12
8	ESE 19	E 20	E 18	ESE 19	ESE 18	ESE 17	ESE 18	ESE 17	ESE 14	ESE 14	ESE 18	E 17
9	ESE 11	E 7	WSW 12	WSW 15	W 13	WNW 9	WNW 5	WNW 2	E 5	E 10	ENE 8	ENE 10
10	SW 10	SW 8	SW 10	W 13	WNW 12	NW 12	NW 4	W 4	N 2	NNE 1	NE 3	ESE 7
11	WSW 12	W 14	W 13	W 14	W 13	W 10	WSW 7	WSW 3	WSW 2	W 3	N 3	E 3
12	N 7	N 8	N 7	N 7	NNE 6	S 9	SSW 6	S 6	E 7	E 7	E 9	E 7
13	W 14	W 16	W 15	W 14	WNW 14	WNW 11	WNW 9	WNW 13	WNW 11	W 9	W 10	W 11
14	WNW 16	W 19	WNW 19	W 20	W 21	W 18	W 19	W 18	W 15	W 12	WNW 10	NW 15
15	WSW 12	W 14	W 13	W 13	W 12	W 10	W 8	W 8	W 9	W 9	NW 9	NW 4
16	WSW 11	WSW 11	W 13	W 13	W 11	W 9	W 9	W 7	WNW 6	WNW 2	SE 6	ESE 5
17	WNW 8	W 12	WSW 11	WSW 12	WSW 11	W 9	W 6	N 3	NE 1	E 3	ENE 5	NE 6
18	ESE 15	ESE 16	E 17	ESE 18	ESE 18	ESE 17	ESE 16	ESE 18	ESE 19	ESE 22	ESE 22	ESE 23
19	ESE 21	ESE 21	ESE 20	SE 18	SE 17	SSE 8	SE 9	SE 10	SE 12	ESE 12	ESE 12	ESE 11
20	SE 13	SE 15	SE 11	S 15	SSE 9	S 15	S 15	SW 25	SW 18	SSW 14	SSW 14	SSW 14
21	SW 10	S 13	S 15	S 12	S 14	SSW 13	SW 13	S 12	SSW 12	S 10	S 9	SSE 7
22	S 13	S 12	S 13	SSW 11	S 11	S 8	WSW 8	W 8	WSW 11	WSW 6	W 7	W 8
23	WSW 8	W 9	WSW 10	WSW 9	WSW 7	WSW 7	S 4	WSW 4	W 5	ESE 3	ESE 3	ESE 3
24	WSW 10	WSW 12	W 13	W 12	WNW 12	WNW 9	WNW 6	W 6	W 5	WSW 4	ESE 3	ESE 1
25	SW 9	WSW 18	WSW 16	WSW 17	SW 16	WSW 14	SW 16	WSW 17	SW 19	WSW 19	WSW 22	WNW 28
26	WNW 17	WNW 18	WNW 20	NW 19	NW 17	WNW 14	WNW 13	WNW 12	NW 12	NW 9	NNW 5	NE 4
27	NW 12	WNW 14	WNW 14	WNW 15	WNW 14	NW 12	NW 10	NW 10	NW 8	NNW 6	NNW 5	NW 6
28	N 7	NNE 9	NNE 10	NNE 9	NE 6	NNE 4	N 4	NW 8	NNW 5	N 4	NE 5	ENE 7
29	E 16	ESE 15	ESE 18	ESE 18	ESE 19	E 14	E 11	ESE 15	ESE 19	E 17	E 15	E 15
30	E 17	E 15	ESE 12	E 12	E 14	ESE 10	E 11	ESE 11	E 11	ESE 12	ESE 14	ESE 13
31	WNW 7	WNW 10	WNW 11	WNW 10	WNW 7	NW 7	WNW 4	NW 5	NNW 5	N 3	E 4	E 5

# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

**NOVIEMBRE, 2020**

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	E 4	E 4	ENE 3	E 1	E 4	NE 3	E 4	E 2	ENE 3	WNW 2	NW 6	WNW 6
2	E 2	NE 3	ENE 5	E 8	ENE 7	ENE 4	E 5	E 5	E 3	ENE 2	E 3	WSW 7
3	ESE 3	E 2	E 3	NE 3	NE 5	E 6	ENE 3	E 2	W 2	N 1	ESE 3	SSW 6
4	ESE 8	ESE 9	ESE 12	ESE 15	ESE 11	SW 4	SE 4	ESE 3	E 7	E 5	ESE 9	SE 11
5	SE 4	ESE 7	ESE 10	SE 11	SSE 10	SSE 9	S 10	SSE 9	SE 8	SE 11	ESE 11	ESE 14
6	ESE 14	E 8	E 8	SSE 5	ESE 6	ESE 7	ESE 6	SE 7	S 8	S 7	S 7	SSW 14
7	WSW 14	SE 9	S 13	SW 22	WSW 22	WSW 17	WSW 16	WSW 9	WSW 10	WSW 11	SW 12	SW 12
8	ESE 8	ESE 7	ESE 7	ESE 7	ESE 6	ESE 5	E 4	ESE 5	ESE 4	ESE 6	ESE 5	SW 7
9	ESE 6	ESE 6	SE 6	ESE 7	ESE 9	ESE 6	ESE 6	ESE 5	ESE 5	ESE 3	WNW 4	NW 4
10	NE 4	ENE 6	NE 6	NNE 5	NE 5	NNE 4	NE 6	NE 6	NE 8	NE 7	NE 7	NE 7
11	E 14	E 12	E 17	E 18	ESE 20	ESE 21	ESE 17	ESE 18	ESE 19	ESE 21	ESE 23	E 23
12	E 14	E 14	E 13	E 14	ENE 11	E 13	E 13	E 12	ESE 13	ESE 17	E 17	ESE 18
13	ESE 11	ESE 10	ESE 9	ESE 7	ESE 4	ESE 4	ESE 7	ESE 7	ESE 8	ESE 7	SE 6	SSE 7
14	SE 7	SE 5	SE 5	SE 5	SE 4	SE 5	S 7	SSE 7	S 9	S 8	SSE 4	SSE 6
15	ESE 6	ESE 9	ESE 8	ESE 7	E 6	E 7	E 9	E 6	ESE 9	ESE 9	ESE 8	SE 7
16	SE 9	SE 8	S 3	SSW 5	ESE 3	E 3	ESE 3	E 4	ESE 2	WNW 2	W 3	W 4
17	NE 3	N 2	NE 3	NE 4	NE 5	ENE 6	ENE 7	E 6	E 4	WSW 3	W 5	WNW 7
18	E 9	E 11	E 9	ESE 9	ESE 9	ESE 8	ESE 9	ESE 10	ESE 11	ESE 11	ESE 14	ESE 14
19	ESE 10	ESE 15	ESE 17	E 16	E 15	E 16	E 14	E 15	E 16	E 20	E 23	ESE 22
20	ESE 15	E 14	E 14	E 11	E 18	E 17	E 15	E 11	E 12	E 16	E 19	E 16
21	E 15	E 17	ESE 18	E 17	E 18	ESE 16	ESE 14	ESE 15	ESE 17	ESE 18	ESE 21	ESE 22
22	ESE 22	ESE 22	ESE 23	ESE 20	E 17	ESE 15	E 17	E 20	E 24	E 25	E 24	E 23
23	E 15	E 15	E 16	E 15	E 14	E 12	E 13	E 12	E 12	E 15	ESE 16	E 14
24	ESE 10	ESE 10	ESE 10	ESE 9	ESE 8	ESE 9	ESE 8	ESE 5	ESE 7	ESE 10	SE 10	SSE 10
25	W 7	W 4	ESE 3	ESE 5	ESE 7	ESE 6	SSE 6	S 8	S 9	S 14	S 20	S 16
26	ESE 7	SE 7	ESE 8	SE 9	SSE 7	SE 7	SE 9	S 13	S 16	SSW 18	S 20	SE 10
27	E 7	E 8	E 11	E 9	E 9	E 9	E 9	ESE 7	ESE 6	ESE 8	ESE 9	ESE 6
28	SE 3	SSE 4	ESE 4	ESE 3	ESE 4	WSW 4	WSW 7	WSW 6	W 6	WSW 7	WSW 12	WSW 13
29	SSE 7	S 9	WNW 6	E 5	ESE 10	S 13	S 12	ESE 8	ESE 7	ESE 6	ESE 9	ESE 10
30	ESE 13	ESE 17	ESE 19	ESE 19	ESE 21	ESE 19	ESE 22	ESE 19	ESE 19	ESE 20	ESE 22	ESE 19
Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	WNW 4	W 6	WSW 9	W 12	W 11	W 7	W 3	ESE 3	ESE 3	ESE 3	ESE 4	ESE 3
2	WNW 9	W 9	W 11	WSW 10	WSW 7	WSW 6	W 2	CAL 1	SE 2	SE 2	ESE 3	SE 2
3	SW 10	WSW 11	W 11	W 8	W 8	W 5	WSW 2	N 2	N 1	N 2	ESE 5	ESE 7
4	SE 9	ESE 10	SE 9	SE 11	ESE 15	ESE 16	ESE 16	ESE 17	ESE 17	ESE 12	ESE 13	S 9
5	SE 10	SE 13	ESE 14	ESE 15	ESE 13	ESE 15	ESE 17	ESE 18	ESE 15	ESE 19	ESE 20	ESE 14
6	S 13	S 12	S 13	SSW 11	S 8	ENE 3	SE 5	ESE 9	ESE 9	SSE 8	S 13	S 18
7	SW 12	SW 11	SW 11	SW 11	SSW 9	S 5	SE 4	SE 4	ESE 5	ESE 7	ESE 8	ESE 8
8	S 9	S 9	S 8	SW 8	SW 9	SW 7	SSW 4	SSW 3	SSE 3	SE 5	ESE 6	ESE 7
9	WNW 6	W 9	W 11	WNW 11	WNW 10	WNW 8	NW 7	NW 8	NW 6	NNW 5	N 3	NE 4
10	NNE 6	N 6	N 5	N 5	SSW 6	SE 4	ESE 4	E 6	E 8	E 11	E 11	E 14
11	ESE 23	E 20	E 20	E 21	E 16	E 15	E 14	E 13	E 14	E 14	E 14	E 13
12	ESE 20	ESE 19	ESE 17	E 17	ESE 17	ESE 18	E 15	ESE 13	E 13	ESE 14	ESE 13	ESE 12
13	SSW 14	S 12	SSE 7	SSE 7	SSE 5	SE 5	SE 4	SE 5	SE 4	SE 4	SE 5	SE 6
14	S 10	S 10	S 11	S 8	S 6	SE 4	ESE 5	ESE 4	ESE 5	ESE 5	E 6	E 7
15	SSE 4	S 5	S 8	S 6	S 8	SSE 8	SSE 9	SE 7	SSE 8	SSE 7	SE 7	SE 8
16	WNW 7	W 9	W 10	W 9	WSW 7	NW 4	NW 5	WNW 4	NNW 1	NE 1	N 2	ENE 4
17	WNW 7	W 8	W 7	W 8	W 6	W 2	NE 1	E 9	E 8	E 6	E 6	E 9
18	ESE 15	ESE 13	ESE 15	E 16	ESE 13	ESE 13	E 14	ESE 13	E 13	E 14	E 12	E 11
19	ESE 21	E 20	E 22	ESE 19	E 18	E 17	ESE 14	ESE 14	E 14	ESE 15	E 13	ESE 16
20	E 15	E 12	E 12	ESE 11	ESE 12	ESE 12	ESE 11	E 15	E 15	E 17	E 18	E 16
21	E 24	E 25	E 26	ESE 25	ESE 24	E 21	E 18	E 17	E 15	E 18	E 22	ESE 21
22	E 23	E 21	E 19	E 20	E 19	E 16	E 19	E 15	E 11	E 12	E 12	E 14
23	ESE 17	E 19	E 20	E 18	E 17	E 14	E 14	E 15	E 13	E 11	E 13	ESE 11
24	SSE 8	SSE 8	S 10	S 12	SSE 7	SSW 9	SW 12	WSW 12	W 16	W 15	W 13	W 10
25	SSE 11	S 12	ESE 9	ESE 11	ESE 10	ESE 11	ESE 10	ESE 9	SE 8	W 8	SSE 5	ESE 6
26	SE 13	SE 11	S 13	SSE 11	SW 12	SE 6	SE 5	ESE 7	ESE 6	E 9	ENE 10	E 8
27	SW 9	SW 11	WSW 10	SW 9	W 7	WNW 4	ESE 7	SE 6	SE 6	SE 6	SE 3	ESE 3
28	WSW 15	WSW 16	WSW 17	SW 12	SW 8	SW 6	SSW 6	SSW 7	SW 12	SSW 10	SSW 12	S 10
29	SE 8	SE 5	ESE 3	ESE 6	E 7	ESE 9	ESE 8	ESE 8	ESE 11	ESE 11	ESE 8	ESE 10
30	ESE 24	ESE 21	ESE 19	E 18	E 14	E 11	E 11	E 12	E 8	E 10	E 11	E 15



# DIRECCIÓN Y VELOCIDAD MEDIA DEL VIENTO

EN KILÓMETROS POR HORA

**DICIEMBRE, 2020**

Días	0 <sup>h</sup>	1 <sup>h</sup>	2 <sup>h</sup>	3 <sup>h</sup>	4 <sup>h</sup>	5 <sup>h</sup>	6 <sup>h</sup>	7 <sup>h</sup>	8 <sup>h</sup>	9 <sup>h</sup>	10 <sup>h</sup>	11 <sup>h</sup>
1	E 9	E 11	ENE 8	ENE 7	E 9	ENE 9	ENE 9	NE 3	E 7	E 7	E 8	E 7
2	NE 4	E 6	E 6	ENE 5	ENE 2	E 2	E 3	CAL 1	ENE 1	WSW 1	W 4	WSW 7
3	ENE 10	ENE 10	ENE 7	E 5	E 3	ESE 5	ESE 5	ENE 4			E 7	E 4
4	NW 16	NW 15	W 16	W 20	W 22	WNW 25	W 23	W 30	W 32	W 30	W 32	WNW 31
5	NW 26	NW 23	NNW 15	N 8	NNW 13	NNW 14	NNW 12	NNW 13	NNW 13	NNW 11	NW 14	NW 19
6	NNE 4	N 4	NNW 9	NW 19	NW 20	NW 13	N 4	NNE 4	N 5	N 4	NE 5	NW 13
7	SSE 3	SE 4	N 3	W 13	W 13	W 15	W 18	W 19	WSW 19	W 25	W 20	W 22
8	WNW 20	W 19	W 21	W 18	W 22	W 21	W 24	W 26	W 27	W 26	W 26	W 26
9	NW 13	NNW 11	NW 12	NW 14	NW 12	NW 12	NW 12	NNW 9	N 4	ENE 4	NNE 3	N 3
10	W 13	WNW 14	NNW 12	NW 7	NW 6	NNW 2	SE 1	WSW 8	W 17	W 19	W 20	W 25
11	W 23	W 20	W 20	W 21	W 19	W 21	W 21	W 22	W 21	W 19	W 22	W 22
12	W 20	W 20	W 19	W 20	W 18	W 19	W 19	W 18	W 15	W 14	W 15	W 18
13	W 4	W 4	NNW 3	N 1	NNE 1	N 3	N 4	N 4	N 6	N 5	NNE 6	NNE 6
14	ENE 2	NE 3	E 2	W 3	SE 1	SE 2	SE 2	SE 6	SE 4	SE 4	SSE 2	S 6
15	WSW 1	E 1	CAL 1	ESE 2	N 2	N 3	NNE 3	NE 4	ENE 4	E 6	E 4	NE 3
16	ESE 7	ESE 9	ESE 9	ESE 9	ESE 8	ESE 10	ESE 9	ESE 10	ESE 7	SE 7	SSE 7	S 15
17	E 4	ESE 4	ESE 5	ESE 4	ESE 5	ESE 3	NE 4	ENE 5	NE 4	ENE 3	ENE 4	NE 4
18	E 5	ENE 6	E 2	E 4	E 5	E 5	E 5	ESE 5	E 4	ESE 7	ESE 5	SSE 3
19	ESE 7	ESE 8	ESE 8	ESE 9	ESE 8	ESE 8	ESE 8	ESE 9	ESE 8	ESE 7	SE 7	SE 6
20	WNW 14	WNW 16	WNW 14	NW 13	NW 13	NW 8	NNW 6	NNW 7	NE 2	ESE 2	NE 2	E 3
21	N 3	NNE 3	NE 4	N 5	NNE 4	NE 5	NE 6	ENE 6	ENE 6	ENE 7	E 4	NNE 4
22	E 10	E 12	E 14	E 15	E 11	E 11	E 9	ESE 8	E 8	E 5	ESE 14	ESE 12
23	ESE 7	ESE 5	ESE 8	ESE 9	ESE 8	ESE 9	ESE 9	ESE 8	ESE 8	ESE 7	SE 7	S 8
24	ESE 6	ESE 6	ESE 5	ESE 6	E 6	ESE 6	ESE 2	NE 2	CAL 1	NNE 3	ENE 3	NW 6
25	NNE 3	NNE 3	NE 5	NE 6	NE 6	ENE 11	ENE 11	E 10	ENE 4	NE 6	E 6	NE 4
26	NE 11	NE 11	NE 11	NE 9	NE 9	NE 9	NE 8	NE 8	NE 9	NE 9	NE 9	NE 8
27	ENE 7	NE 6	NE 6	NE 7	NE 7	ENE 8	ENE 6	NE 7	NE 6	NE 5	NE 6	NE 6
28	W 19	W 14	W 16	W 22	W 24	W 23	W 22	W 25	W 26	W 27	W 29	W 33
29	NNW 10	N 4	N 6	N 4	NE 4	NE 4	E 4	ESE 4	ESE 4	ESE 3	N 2	WNW 6
30	N 7	NNW 9	NNW 7	NNE 4	NNW 4	N 4	NNE 3	N 2	NNE 3	NE 4	NNE 5	NNE 6
31	NNE 3	N 4	N 4	N 4	N 6	N 5	N 3	NNE 4	NE 5	NE 6	NNE 4	NW 5
Días	12 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	15 <sup>h</sup>	16 <sup>h</sup>	17 <sup>h</sup>	18 <sup>h</sup>	19 <sup>h</sup>	20 <sup>h</sup>	21 <sup>h</sup>	22 <sup>h</sup>	23 <sup>h</sup>
1	E 4	WSW 9	W 10	WNW 10	WNW 9	NNW 5	NNW 4	NNW 5	NNW 5	N 4	N 2	CAL 2
2	NW 9	NW 8	W 10	NW 11	NW 7	WNW 4	NW 3	NNE 2	NE 1	ESE 2	E 4	ENE 8
3	S 9	S 12	S 13	W 15	W 13	WNW 12	W 13	W 14	W 13	W 12	W 14	NW 17
4	W 29	WNW 30	WNW 29	NW 29	WNW 28	NW 29	NW 26	NW 28	NW 30	WNW 30	WNW 31	WNW 30
5	NW 21	NW 19	NW 20	WNW 20	WNW 17	NW 18	NW 19	NW 21	NW 16	N 5	NE 4	NNE 4
6	NW 19	WNW 18	WNW 18	WNW 16	WNW 13	WNW 10	WNW 11	NW 15	NW 14	NNW 6	E 3	ESE 3
7	WNW 12	WNW 14	WNW 16	WNW 13	W 18	WNW 11	WNW 17	WNW 15	W 17	W 20	WNW 20	WNW 21
8	W 27	W 24	WNW 22	NW 18	NW 16	WNW 15	NW 23	NW 26	NW 23	NW 15	NNW 16	NNW 13
9	WNW 6	WNW 8	WSW 7	SW 7	SW 7	SW 7	SW 10	WSW 11	WSW 12	W 15	W 19	W 20
10	W 27	W 26	W 24	W 23	W 24	W 22	W 20	W 23	W 25	W 23	W 23	W 22
11	W 22	W 26	W 29	W 27	W 24	W 22	W 20	W 20	W 19	W 19	W 19	W 21
12	W 18	WNW 13	W 15	W 13	W 13	W 13	W 13	WSW 7	WSW 11	WSW 9	W 9	W 5
13	N 6	NNE 6	N 4	NNE 5	NNW 7	NNW 7	NNW 7	N 7	N 5	N 4	NW 4	N 3
14	SSW 5	WSW 7	WSW 7	SW 9	SW 9	WSW 9	SW 7	WSW 7	SW 8	WSW 11	NW 9	WSW 4
15	WNW 3	W 5	W 4	W 5	WNW 4	WSW 3	CAL 0	CAL 1	SE 4	ESE 5	ESE 7	ESE 7
16	S 17	S 16	NW 12	NE 1	W 3	ESE 8	SE 5	ESE 7	ESE 9	ESE 6	ESE 6	ESE 7
17	NW 7	NW 11	NW 9	NW 9	WNW 5	NNE 4	NE 3	NE 2	NE 3	ENE 3	E 2	E 4
18	S 5	SW 8	WSW 9	WSW 7	SW 7	WSW 4	SE 3	SE 4	ESE 4	ESE 3	ESE 5	ESE 6
19	SE 4	S 4	S 6	SW 9	SSW 8	S 10	SSW 10	SSW 12	S 11	ENE 6	NE 5	SSW 5
20	WNW 5	WNW 5	W 7	WNW 8	WNW 8	NW 6	NNW 5	NNW 4	NNW 4	NNE 3	NNE 3	N 3
21	NE 6	NE 8	NE 8	NNE 5	NNE 4	NNE 3	ENE 7	ENE 8	E 8	E 10	ESE 9	E 8
22	ESE 16	ESE 14	ESE 11	ESE 10	ESE 8	ESE 9	ESE 7	ESE 7	ESE 11	ESE 10	ESE 9	ESE 9
23	S 10	SSW 8	SW 8	W 9	W 6	W 3	SW 2	WSW 2	WSW 2	ESE 2	E 4	ESE 6
24	NNW 8	NW 8	WNW 8	WNW 8	NW 8	NW 10	NNW 5	N 4	N 4	N 3	N 3	N 4
25	NE 8	NE 8	NE 7	NE 5	NE 5	NE 8	NE 10	NE 11	NE 14	NE 12	NE 12	NE 9
26	NE 10	NE 11	NE 11	NE 9	NE 8	NE 9	ENE 10	NE 10	NE 8	NE 5	NE 5	NE 6
27	NNE 3	NNW 5	WNW 7	WNW 10	W 8	WNW 7	WNW 8	W 6	W 8	WSW 9	W 12	W 15
28	NW 23	NW 15	NW 14	NW 9	WNW 11	WNW 14	NW 14	NNW 12	NNW 9	NNW 9	NNW 7	NNW 8
29	WNW 15	WNW 18	WNW 14	WNW 16	WNW 17	WNW 15	NW 15	NNW 13	NNW 12	NNW 12	NNW 9	NNW 9
30	NNE 6	N 6	N 6	N 7	N 5	N 4	N 6	NNW 4	NNE 3	NE 5	NE 5	NE 5
31	WSW 7	WSW 9	SSW 11	SW 11	SW 9	SW 10	SSW 8	SSW 11	SSW 15	WSW 15	WSW 16	WSW 15

## RESÚMENES DE DIRECCIONES DEL VIENTO



## RESUMEN DE DIRECCIONES DEL VIENTO

NÚMERO DE DÍAS QUE CADA VIENTO FUE DOMINANTE EN ESA HORA

**ENERO, 2020**

Horas	Calma	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
1		1		4	2	9	12	1							1	1	
2		1	1	3	2	11	8	3		1						1	
3		2		2	5	8	6	3	1	1					1	1	1
4		4		3	4	8	9	2								1	
5	1	1		5	5	9	4	3	1							1	1
6				5	5	9	5	2	1	1						1	2
7		1	3	4	5	9	4	2		1			1			1	
8		1		9	3	4	7	2	1					1		1	2
9		2	1	4	7	6	6	2						1			2
10		3	2	4	4	8	6	3									1
11		2	2	2	5	5	7	2	1	1					2	1	1
12		6	1	5		5	2	2		3	1		1	2	2		1
13		1	1	6		3	5			3	1	1	1		5	3	1
14		1	1	2	2	2	2	2		3	2	1	1	2	6	2	2
15		2	3	1	1	3	1			3	3	2	2	4	5	1	
16		1	1	3	2	1	1	2		4	1	4	1	3	4	1	2
17		2		5	2	1	1	1		1	4	4	1	3	6		
18		2	2	2	3		2	1		5	1	2	3	3	4	1	
19		2	2	2	1	7	2	1	1	1	1	2	2	2	4		1
20		2		3	2	6	2	3	1			3	2	1	3	2	1
21		4		2	2	6	6	1	1			2	1	1	2	2	1
22		3	2	1	4	10	4	2			1		1	2		1	
23		3	1	5	2	7	10	1				1		1			
23		2		5	2	8	12	1						1			

**FEBRERO, 2020**

1		3		4	2	9	5	1	1				1	1		1	1
2		1	3	2	5	7	5	2	1					1		1	1
3		1	2		5	11	5	1	1		1			1		1	
4		2	2		2	13	4	3		1				1		1	
5		2	2	3	1	10	5	2		1		1		1		1	
6		1	2	1	4	10	5	1	1				1	1		1	1
7		2		1	2	11	7						1	2		1	2
8		1		1	3	12	4	1					1	1	1	2	2
9		3	1		4	10	6							2	1	1	1
10		1	1	1	2	11	5	2					1	2	1		2
11		2	1		2	11	3		1	1	1		2	1	2		2
12		1	1	1		8	4	1		1	1		2	2	3	4	
13		1	1	1		6	3			1	1	2	2	3	6	2	
14		1		1		5	3		1	2	1	1	4	2	7	1	
15			1	1		5	3			3	1	1	2	5	6	1	
16			2	2		5	3			1	2	3	1	5	6	1	
17		1		1		5	3			1		3	2	6	6	1	
18		1		1		4	4	1				2	2	6	6	2	
19		1				4	4	1			1	3	2	5	3	4	1
20		2				4	5		1	1		3	2	4	3	2	2
21	1		1	1		6	4	1	1	1	1	4		3	2	2	1
22		1	2			6	5		2			3	2	1	3	3	1
23		1		3	1	6	6	1				2	3		1	1	4
23		1	3	2	1	6	8		1			4	1				2

## RESUMEN DE DIRECCIONES DEL VIENTO

NÚMERO DE DÍAS QUE CADA VIENTO FUE DOMINANTE EN ESA HORA

**MARZO, 2020**

Horas	Calma	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
1		2	1	3	1	3	8	3				1	3	1	1	4	
2		1	1	3	2	3	7	2			1	2		2	1	4	2
3		1	2	1	1	6	7	1		2			2	1	1	3	3
4		3		2		9	6			1		1	2	1	1	1	4
5		1	1	3	1	7	7					2	2	1	1	3	2
6			1	4	1	9	4	1		1		1	1	3		3	2
7		1	2	3	1	8	4	1		1		2		3		3	2
8			1	1	1	11	4		1		1	2	2	1		3	3
9		2			4	9	4	1		1	1	4		1		2	2
10		1		1	1	8	5	1	1			4	1	4	1	3	
11		1		3	1	4	6			1	3	2	3		5	2	
12		1			2	4	3			1	2	3	1	7	3	2	2
13			1	2		3	4			1	2	3	4	5	6		
14		1				3	5			1	1	6	2	6	4	2	
15		1			1	4	3			1		3	7	6	5		
16				1		5	4					4	3	9	4	1	
17				1		5	3				2	2	2	11	3	2	
18				1	1	5	3			2		2	1	9	5	2	
19		1			1	5	5	1				2		9	5	2	
20		1		1	1	6	6					2	2	5	5	2	
21	1		1		1	5	6	3		1		1		6	2	2	2
22	1	1	1	1	1	6	8				1	1	1	5	1	3	1
23			1	2	1	3	9	2		1		1	1	4	1	3	2

**ABRIL, 2020**

1		1			1	7	9			1	1		1	5	4		
2				1	1	6	13	1				1	1	4	2	1	
3				3	1	8	9	3				2	3	3	1	2	
4			1	1	1	6	10	3					3	2	1	1	
5				2	1	8	12	1					3	2	1	1	
6				2	1	10	8	1	1				3	2	1	1	
7		1		2	2	9	9	2		1			4	1	2	1	
8				1	3	5	8	2	1	3			4	1	1	1	
9		2			3	5	6	3		2		1	3	2	2	1	1
10					1	7	5	1		5		3	2	2	2		
11						6	7			5	1	1	5	3	1	1	
12						7	5			5	1	3	2	5	2		
13						4	7	1		3	2	3	3	3	4		
14						6	2	1		4		4	5	4	4		
15						6	2	1		4	1	4	2	7	3		
16						4	4			4	1	2	3	9	3		
17						5	3	1		2	2	2	1	14			
18						6	3	1	1	2		2	3	12			
19						4	8			1		4		10	3		
20						4	8			3	1		1	11	2		
21						6	6	1	1			3		11		2	
22		1				7	7		1					8	2	2	
23		1		1		9	6			1		1		8	3	1	
23						10	5	1		1		1	1	6	4	1	1

## RESUMEN DE DIRECCIONES DEL VIENTO

NÚMERO DE DÍAS QUE CADA VIENTO FUE DOMINANTE EN ESA HORA

**MAYO, 2020**

Horas	Calma	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
1				4	1	7	9	1				1	2	4	1	1	
2		1	1	2	1	9	8	2	1		1	2	2	1	2		
3		2	1	1	1	13	5	1	2			3		2		1	
4	1	2		1		9	9	2			1	2		2			2
5	1	2	1	1	1	13	5	1	1			3		2			
6	1	4		1		10	7	2	1		1	2		2			
7		3			2	9	8	2			2	2	1	1		1	
8		2	2		2	7	6		2	1	2	4		1	1		1
9		2	1			7	5			3	2	2	2	1		4	2
10				1		5	6			2	2	5		3	6	1	
11			1			8	3	1		2	2	3	3	5	3		
12			1			5	6	1		2	2	2	2	6	4		
13						6	5	1		1	1	4	3	4	6		
14						6	4			2	2	2	5	5	5		
15						4	6	1		1	1	2	3	6	7		
16						7	4				3	2	2	6	7		
17						4	6			1	2	1	3	8	5	1	
18						5	5	1			2	1	4	8	2	3	
19						7	3	1		1	1		3	9	3	3	
20		1			1	5	5	1		1			7	4	2	3	1
21	1		1	1		8	2	1		1		2	3	5	2	3	1
22	2	1	4		1	3	10			2		2	2	2	2		
23		2	1	2	1	6	9		1			1	3	4	1		

**JUNIO, 2020**

1						3	6	2		3	1	2	3	5	4	1	
2			1		1	3	3	3	2	1	1	3	2	5	5	1	1
3					1	4	3	3	2	1		1	4	4		5	2
4			2	1		4	2	2	2		1	3	3	3	1	2	4
5		1		1	2	2	3	2	2	1		4	3	2		3	4
6		2		1		3	4	2	1	3		2	3	3		3	3
7		2	1			3	2	2		5		1	4	1	3	6	
8			1			3			1	3	3	1	6	1	7	4	
9				1		3				3	3	4	4	3	8	1	
10						1	1			4	1	5	5	7	5	1	
11						1	1			2	1	4	8	6	7		
12						2				2	2	2	7	10	5		
13						2				1	2	2	6	15	2		
14						2					2	3	4	17	2		
15						2					1	2	7	16	2		
16							2					3	7	14	4		
17						1	1					3	5	16	3	1	
18						1	1					3	2	20	2	1	
19						1	1		1	1	1	2	17	4	1	1	1
20						1	2				1	2	2	16	3	3	
21	1	1				1	2	1		1	1	1	2	13	3	2	1
22						1	1	3		1	3	1	3	12	2	3	
23						1	6		2	2	2	3	4	6	3		1

## RESUMEN DE DIRECCIONES DEL VIENTO

NÚMERO DE DÍAS QUE CADA VIENTO FUE DOMINANTE EN ESA HORA

**JULIO, 2020**

Horas	Calma	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
1	1	1	1		2	5	9	2	4	2	2	1					1
2	1		1	2	1	5	9	2	3	2	2	1	2				
3	2				1	9	8	3	4	2	1		1				
4					1	12	5	6	2	2	2		1				
5					1	8	6	4	3	5	1	2					1
6		1			1	8	5	3	4	5	2		1	1			
7					1	8	6	3	1	7	1		2			1	1
8					1	9	5	3	1	6	3	1		1			1
9					1	9	5			6	6		2		1	1	
10					2	6	7			2	5		6		3		
11						8	3				5	3	7	4	1		
12						4	5				1	5	9	7			
13						4	2	1			1	3	12	4	4		
14						4	2				2	3	7	9	4		
15						3	3				1	2	8	7	7		
16						4	2				1		5	11	7	1	
17						3	3				1		5	14	5		
18						4	2						3	13	9		
19						3	4						1	14	9		
20						4	4						3	10	7	3	
21	1	1			1	3	5	2					3	3	7	5	
22		1	1			3	10						2	2	5	4	3
23	2	2				5	9		1	1	2	1	2	5	1		
24	1					8	7	3	2	1	2	1	1	2		3	

**AGOSTO, 2020**

1				1		3	5	4	4	1	1	3	3	1	1	1	3
2		2				6	3	3	6	1	1	3	2	2		1	1
3	1	2	2		1	5	3	4	4	1		3	1	1		2	2
4		2	1		1	3	5	5	2	1		2		1		3	4
5		4		1	1	3	7	4	3				1	1	1	4	1
6		3			2	5	5		3	3	1	1		2	3	1	2
7		4		2		6	3	2	3	2	2		1	1	3	1	1
8		2	2		1	3	4	2	1	5			2	1	3	3	2
9		1		1	1	4	3		1	2	3	1	4	2	2	2	4
10		1		2		3	2			1	3	1	3	4	8	3	
11		2		1		2	3				2	4	2	4	9	2	
12					1	2	2				2	3	3	11	7		
13						2	1			1		3	5	12	6	1	
14						1	2					2	4	16	5	1	
15						1	2					1	5	15	7		
16						3						1	3	16	8		
17						1	2					1	4	16	7		
18						2	1					2	1	16	8	1	
19						1	2					1	3	13	9	2	
20						3						1	5	11	7	3	1
21		1				2	2			1	2	1	2	9	7	4	
22						3	3	2	1			3	4	5	7		3
23		1	1	1	1	2	5	2		1		5	4	3	3	1	1
24		4	1			4	6	4		2	2	4	2		2		

## RESUMEN DE DIRECCIONES DEL VIENTO

NÚMERO DE DÍAS QUE CADA VIENTO FUE DOMINANTE EN ESA HORA

**SEPTIEMBRE, 2020**

Horas	Calma	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
1		1	1	1	2	6	13				1	1		1	1	1	1
2		2		1	2	7	11		1		1	1		1		2	1
3		4			2	7	11	1	1	1		1		1		1	
4	1	5	1	1	2	5	10	3		1		1		1			
5		3			3	9	5	3	1	1		1				1	2
6		2	1	1	5	7	7	2		1	1	1					2
7		2	2	2	1	10	5	3				2		1			2
8		2	3	3	2	7	5	5				2			1		
9		4		2	2	9	6	1		2	2				1		1
10		4		2		11	6			2	2	1			1	1	
11			1	2	1	8	4			2	3	1		1	2	3	2
12		1		1		4	7			3		2	2	1	6	2	1
13						7	4			1	2	1	4	5	4	1	
14				1		5	5			1	2	2	4	2	8		
15						4	6				2	2	2	6	8		
16						3	7				1	2	4	4	8	1	
17						3	6				1	2	2	7	6	3	
18		1				1	7					3	1	8	6	2	1
19		1				2	6			1	1	2	1	6	8	1	1
20		1	1			3	7		1			1	2	7	3	4	
21			1			3	9			1	1	1	2	6	2	4	
22		1				4	9	1		1	1	1	1	5	2	2	2
23		2				6	8	1		2		2	2	2	2	3	2
23		2	2		1	7	8	1	1	1		1		1	1	1	3

**OCTUBRE, 2020**

1		1	1	1	3	8	4	2		2			1	2	1	5	
2			2	1	3	8	6			1	1	1	1		2	2	3
3				6	2	7	7		1	2						4	2
4		1	1	1	7	7	6		2			1				3	2
5		2	1	3	2	8	7		1	1		1			2	2	1
6		2	1	2	2	9	7	1			1	1			1	3	2
7		4	1	2	4	8	6		1		1	1		1		2	1
8		1	2	1	5	8	6		1		1	1		1		2	3
9		2		4	3	5	9	1	1					1	1	1	2
10		1	1	3	3	5	9			1	1			1	2	1	3
11		2	3	2	1	7	7	1		3		1	1	1	5	3	1
12			1	2		1	5	1		2	1	1	2	4	6	5	
13		2				2	4	1		1		3	6	2	8	2	
14		1	1			3	3	1		2		1	3	11	5		
15		1	1			2	3	1		2		1	4	10	6		
16		1	1			1	3	1		2	1		5	12	3	1	
17			1	1		1	3	1	1	2		1	4	9	6	1	
18			1			1	3		1	3	1		3	10	5	3	
19		1				2	2	1		2	1	3	2	7	8	2	
20		2				4	4	1		2		1	4	9	5	3	
21		1		1		3	4	1			1	2	3	8	2	3	2
22		2	2			4	6			1	1		3	6	3	2	1
23		1		2	2	4	7	1		1	1		1	3	2	4	2
23		2		3	4	5	7		1		1			3	2	5	



## RESUMEN DE DIRECCIONES DEL VIENTO

NÚMERO DE DÍAS QUE CADA VIENTO FUE DOMINANTE EN ESA HORA

**NOVIEMBRE, 2020**

Horas	Calma	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
1		1		2	1	8	13	4	1				1	1			
2				1	1	10	10	4	1	1				1			
3			1	2	2	8	13	2		2					1		
4				2		10	11	3	1		1	1					
5				3	2	8	13	1	2				1				
6			1	1	2	8	11	2	1	1		1	2				
7				1	2	10	9	2	1	3			2				
8				1		11	11	1	2	2			2				
9				1	1	7	13	1		4			1	2			
10		1		1	1	5	12	1		3	1		3		2		
11				1		5	12	2	1	3		1	1	2	1	1	
12			1			4	8	3	3	1	2	2	2	1	2	1	
13						3	6	4	3	3	1	3	1		5		
14		1				6	4	3	1	6		2	2	5			
15		1				6	5	1	2	6		1	3	5			
16						6	6	1	2	3	1	4	1	4	1		
17						6	7		2	3	2	3	2	4	1		
18				1	1	6	7	4	1	1	1	2	1	3	2	1	
19	1	1				7	9	4	1		2	1	1	2		2	
20						8	11	4			2		1		1	1	
21		1				11	8	4	2			1		1		1	1
22		1		1		10	8	4	2		1			2			1
23		2		1	1	11	9	3	1	1	1			1			
				1	1	9	12	3		3				1			

**DICIEMBRE, 2020**

1		2	3	2	3	4	4		1				1	5	2	3	1
2	1	3	2	3	2	4	5	1						5	2	2	2
3		3		4	2	4	5							5	1	1	5
4		5	1	3	2	3	6							7		4	
5		2	2	4	1	5	4	1						6		4	2
6		4		3	4	3	5	1						5	1	3	2
7		3	2	3	3	4	5	2						6		1	2
8	1	2	2	5	3	1	6	1				1	6				3
9		3	1	5	4	3	4	1				1	6				1
10		2	1	5	3	3	5	2				1	7				1
11		1	4	4	2	5	2	2	2				8		1		
12		1	3	5		3	1	1	1	3			1	6	2	4	
13		1	2	3		1	1	1		4	1		1	5	5	5	1
14		1	1	3			1			3	1	1	3	4	7	5	1
15		2		3		1	1			2	1	1	3	7	7	4	
16		1	2	3		1	1					4	1	6	8	5	
17		1	1	2			1			1	1	4		8	9	3	1
18	1	1	2	2		2	2		1			2	3	4	8	4	2
19	1	1		2	2	1	2	2			2	3		4	3	6	4
20		2	1	3	1		2	1		2			4	4	1	5	4
21		2	1	4		1	3	1		1	1	1	3	5		4	4
22		4	1	3	2	1	6						4	5	1	1	3
23		2	1	5		4	5						1	6	2	2	3
	1	3	1	3	1	2	6				1		2	5	2	1	3

## RESÚMENES MENSUALES:

Duración día, Horas de sol, Evaporación



**RESUMEN MENSUAL : DURACIÓN DEL DÍA, HORAS DE SOL Y EVAPORACIÓN**

<b>ENERO, 2020</b>				<b>FEBRERO, 2020</b>				<b>MARZO, 2020</b>			
Día	Dd	Hs	Ev	Día	Dd	Hs	Ev	Día	Dd	Hs	Ev
1	9.7	9.3		1	10.4	9.1	1.3	1	11.4	7.0	2.6
2	9.7	9.0		2	10.4	9.9		2	11.4	4.7	4.7
3	9.7	4.4		3	10.5	10.0	2.2	3	11.5	7.4	3.8
4	9.8	6.9		4	10.5	10.1	3.8	4	11.5	9.1	3.9
5	9.8	9.0		5	10.5	9.9	3.3	5	11.5	1.8	5.8
6	9.8	9.2		6	10.6	9.0	3.9	6	11.6	10.0	9.2
7	9.8	9.1		7	10.6	2.4	0.6	7	11.6	9.9	6.1
8	9.8	9.3		8	10.6	5.4	0.0	8	11.7	9.9	5.5
9	9.8	9.0	1.7	9	10.7	8		9	11.7	9.3	5.2
10	9.9	7.6		10	10.7	10.0	2.8	10	11.7	9.3	5.8
11	9.9	9.3		11	10.7	10.1	2.2	11	11.8	6.4	7.0
12	9.9	9.3		12	10.8	2.6	2.5	12	11.8	5.3	3.2
13	9.9	0.0	2.3	13	10.8	9	3.1	13	11.9	6.4	3.1
14	9.9	7.9	2.4	14	10.8	10.1	2.4	14	11.9	8.2	3
15	10.0	8.8	2.2	15	10.9	10.0	2.3	15	11.9	6.4	3.8
16	10.0	9.2	1.6	16	10.9	10.0		16	12.0	9.2	7.9
17	10.0	2.7		17	10.9	8.3	1.9	17	12.0	1.4	2.4
18	10.0	0.0	2.7	18	11.0	5.1	2.5	18	12.1	6.1	4.2
19	10.0	0.0		19	11.0	7.5	3.6	19	12.1	0.0	3.2
20	10.1	4.8	4.4	20	11.1	9.4	3.1	20	12.1	2.8	2.6
21	10.1	7.5	3.1	21	11.1	9.7	3.9	21	12.2	3.9	2.8
22	10.1	0.2	0.5	22	11.1	10.3	4.4	22	12.2	9.3	2.5
23	10.1	0.3	0.7	23	11.2	10.4	3.6	23	12.2	6.8	3.2
24	10.2	0.0	0.9	24	11.2	10.6	2.7	24	12.3	0	0.5
25	10.2	3.1	0.7	25	11.2	6.9	3.6	25	12.3	3.6	1.6
26	10.2	9.5	1.3	26	11.3	8.7	4.6	26	12.4	8.4	4
27	10.3	8.9	1.6	27	11.3	10.5		27	12.4	5.8	
28	10.3	5.8	1.4	28	11.4	9.2	2.6	28	12.4	9.5	
29	10.3	6.6	1.1	29	11.4	2.1	3.2	29	12.5	7.2	
30	10.3	8.5	1.0					30	12.5	0.9	2.1
31	10.4	6.9						31	12.6	8.7	4.7
<b>ABRIL, 2020</b>				<b>MAYO, 2020</b>				<b>JUNIO, 2020</b>			
Día	Dd	Hs	Ev	Día	Dd	Hs	Ev	Día	Dd	Hs	Ev
1	12.6	6.5		1	13.7	12.3		1	14.5	4.0	4.2
2	12.6	8.4	10.2	2	13.7	12.8		2	14.5	11.3	4.3
3	12.7	10.4	3.0	3	13.7	11.3		3	14.5	12.5	5.7
4	12.7	0.4	3.5	4	13.8	10	4.5	4	14.5	5.8	5.1
5	12.7	4.7	3.5	5	13.8	11.4	5.2	5	14.5	13.3	
6	12.8	3.4	3	6	13.8	11.2	8	6	14.5	0.0	
7	12.8	8.4	2.4	7	13.9	8.9	5.6	7	14.6	13.4	
8	12.9	2.0		8	13.9	12.7		8	14.6	13.3	10.9
9	12.9	0.0		9	13.9	5.4		9	14.6	13.3	5.7
10	12.9	9.4		10	14.0	9.3	0	10	14.6	12.3	7.8
11	13.0	6.0		11	14.0	7.3	4.9	11	14.6	10.4	8.6
12	13.0	6.5		12	14.0	6.4	4.9	12	14.6	4	
13	13.1	0.0	3.8	13	14.0	6.4	5.4	13	14.6	12.2	
14	13.1	10.2	3.3	14	14.1	2	3.8	14	14.6	13.6	
15	13.1	7.6	2.1	15	14.1	0.7	3.2	15	14.6	13.4	8
16	13.2	7.2	3.1	16	14.1	5.1	3.5	16	14.6	13.6	7.5
17	13.2	9.6		17	14.2	13	2	17	14.6	13.8	6.5
18	13.2	8.5		18	14.2	13.4	5.6	18	14.6	13.9	6.5
19	13.3	0.0	0	19	14.2	12.2	6	19	14.6	13.8	
20	13.3	5.3	7.3	20	14.2	13.1	4.9	20	14.6	13.7	
21	13.3	8.9	5.8	21	14.3	12.6	3.2	21	14.6	13.8	
22	13.4	10.5	3.5	22	14.3	13.2		22	14.6	13.2	14.3
23	13.4	9.7	4.4	23	14.3	13.0		23	14.6	12.3	10.4
24	13.5	2.1		24	14.3	13.4		24	14.6	12.8	4.7
25	13.5	0.0		25	14.3	12.8	8.1	25	14.6	9.2	5.1
26	13.5	7.9	12.2	26	14.4	13	9.3	26	14.6	12.3	
27	13.5	0.0	3.6	27	14.4	13	8.8	27	14.6	13.8	
28	13.6	0.0	4.5	28	14.4	0	8.1	28	14.6	11.6	
29	13.6	11.7	5.3	29	14.4	12.6		29	14.6	12.3	9
30	13.7	8.0		30	14.4	10.7		30	14.6	12.8	4.1
				31	14.5	5.9					

## RESUMEN MENSUAL : DURACIÓN DEL DÍA, HORAS DE SOL Y EVAPORACIÓN

JULIO, 2020				AGOSTO, 2020				SEPTIEMBRE, 2020			
Día	Dd	Hs	Ev	Día	Dd	Hs	Ev	Día	Dd	Hs	Ev
1	14.6	10.6		1	14.0	10.7		1	12.9	5.4	6.8
2	14.6	12.3	3.6	2	13.9	12		2	12.9	8.5	5.4
3	14.6	14	5.8	3	13.9	11.4	6	3	12.9	11.1	10.1
4	14.6	13.5		4	13.9	12.5	4.8	4	12.8	10.7	
5	14.6	13.5		5	13.9	12.6	9.2	5	12.8	9.4	
6	14.5	14.3	12	6	13.8	10.5	10.3	6	12.7	9.5	
7	14.5	10.4	11.7	7	13.8	10.5		7	12.7	9.6	5.9
8	14.5	11.6	6.9	8	13.8	11		8	12.7	9.5	6.9
9	14.5	8.8		9	13.7	6.7		9	12.6	10.6	7.2
10	14.5	12.9		10	13.7	9.2	4.6	10	12.6	10.6	7.4
11	14.5	10.6		11	13.7	7.9	5.3	11	12.6	8.4	
12	14.5	12.1		12	13.6	9.5	6	12	12.5	6.3	
13	14.4	13		13	13.6	10.8	4.1	13	12.5	7.6	
14	14.4	12.6		14	13.6	10.9		14	12.5	7.1	5
15	14.4	13.2		15	13.6	12.7		15	12.4	8.2	4
16	14.4	12.7		16	13.5	12.1		16	12.4	0	2.2
17	14.4	11.3		17	13.5	12.4	5.9	17	12.3	0.5	3.3
18	14.3	12.5		18	13.4	12.6	8.8	18	12.3	7.6	
19	14.3	12.6		19	13.4	12.6	8.3	19	12.3	5.9	
20	14.3	11.7	11.4	20	13.4	12.7	4.1	20	12.2	8.5	
21	14.3	8.9	4.9	21	13.3	11.7		21	12.2	9.3	5.3
22	14.3	12	5.1	22	13.3	12.4		22	12.1	7	5.7
23	14.2	11.5	6	23	13.3	12.7		23	12.1	7.4	
24	14.2	13		24	13.2	12.4	5.4	24	12.1	6.2	
25	14.2	0		25	13.2	12	6.1	25	12.0	8.8	
26	14.2	12.6		26	13.2	11.3	5.7	26	12.0	9	
27	14.1	12.5	4.5	27	13.1	11.5	6.9	27	12.0	8.8	
28	14.1	12.6	4.7	28	13.1	11.3		28	11.9	9.2	6.5
29	14.1	10.8	4.9	29	13.1	11.6		29	11.9	9.4	6.9
30	14.0	12.3	5.8	30	13.0	8.2		30	11.8	6.6	3.1
31	14.0	7.8		31	13.0	12.2	10				
OCTUBRE, 2020				NOVIEMBRE, 2020				DICIEMBRE, 2020			
Día	Dd	Hs	Ev	Día	Dd	Hs	Ev	Día	Dd	Hs	Ev
1	11.8	9.6	7.2	1	10.7	9.1		1	9.9	9.0	1.7
2	11.8	1.6		2	10.6	9.8		2	9.8	9.2	1.6
3	11.7	9.6		3	10.6	5.5	2.2	3	9.8	8.3	4.6
4	11.7	9.3		4	10.6	5.8	2	4	9.8	1.3	
5	11.6	8.8	5.7	5	10.5	1.2	3.3	5	9.8	9.2	
6	11.6	9.5	5.7	6	10.5	0	2.7	6	9.8	6.9	
7	11.6	9.7	8.2	7	10.5	9.4	3.5	7	9.8	2.6	
8	11.5	9.2		8	10.4	8.9	2.5	8	9.7	5	0
9	11.5	4.4		9	10.4	8.3	2.3	9	9.7	4.9	2.8
10	11.5	9.5		10	10.4	9.5	2.8	10	9.7	0.2	2
11	11.4	9.4		11	10.3	7.4	3.3	11	9.7	0.6	
12	11.4	10.2		12	10.3	5.9	2.6	12	9.7	2.5	
13	11.4	9.8	6.5	13	10.3	4.1	2.3	13	9.7	3.8	
14	11.3	10.2	7.5	14	10.3	1.5	1.2	14	9.7	0.8	0.5
15	11.3	9.4	5.0	15	10.2	6.6	2.5	15	9.7	0.0	1.7
16	11.2	10.5		16	10.2	4.1	0.5	16	9.7	0.5	0.4
17	11.2	10.4		17	10.2	8.4	1.1	17	9.7	8.5	0.7
18	11.2	9.8		18	10.1	9.3	2.4	18	9.7	7.4	
19	11.1	7.2	6	19	10.1	8.2	3.5	19	9.7	0	
20	11.1	1.2	3.6	20	10.1	9.4	4.1	20	9.7	7.1	
21	11.0	3.3	2.2	21	10.1	9.4	3.2	21	9.7	9.3	1.5
22	11.0	4.3	4.5	22	10.0	9.6	5	22	9.7	9.3	1.6
23	11.0	10.3	4.0	23	10.0	9.3	3.2	23	9.7	5.8	
24	10.9	10	3.5	24	10.0	6.6	0	24	9.7	7.8	
25	10.9	5.4	3.7	25	10.0	1.7	0.5	25	9.7	3.5	
26	10.9	9.8	6.3	26	10.0	0	0.9	26	9.7	9	
27	10.8	10.2	5.0	27	9.9	5.9	2.4	27	9.7	9.3	
28	10.8	9	4.5	28	9.9	4.6	1.7	28	9.7	0.3	3.8
29	10.8	10.1		29	9.9	0	1.5	29	9.7	5.3	3.7
30	10.7	5.7		30	9.9	4.6	2.6	30	9.7	9.3	
31	10.7	9.7						31	9.7	9.4	

RESÚMENES MENSUALES:

TEMPERATURA, VIENTO Y PRECIPITACIÓN



**RESUMEN MENSUAL: TEMPERATURA, VIENTO Y PRECIPITACIÓN**

<b>ENERO, 2020</b>								<b>FEBRERO, 2020</b>							
Día	TEMPERATURA			VIENTO			pcpt	Día	TEMPERATURA			VIENTO			pcpt
	Máx.	Mín.	Med.	Dominante	V.Máx.	Dirección			Máx.	Mín.	Med.	Dominante	V.Máx.	Dirección	
1	18.7	10.7	13.6	E	24.8	E	0	1	18.4	11.3	14.5	NNW	19.8	NW	0
2	17.8	9.6	12.9	E	21.2	E	0	2	24.8	10.9	16.6	E	26.6	E	0
3	16.0	9.7	12.2	E	26.3	NNW	0	3	23.0	13.9	17.2	E	23.8	ESE	0
4	14.4	7.2	10.9	NE	18.7	NE	0	4	24.2	12.4	17.2	NE	24.5	NNE	0
5	17.1	8.7	12.4	E	36.4	ESE	0	5	18.6	10.4	15.0	ESE	74.5	ESE	0
6	17.6	8.3	12.2	E	21.2	E	0	6	18.4	13.3	14.9	ESE	55.4	SE	0
7	18.4	8.1	12.4	E	24.1	E	0	7	18.2	12.1	14.7	ESE	36.0	ESE	1
8	16.5	7.2	11.4	E	16.6	ESE	0	8	17.2	11.9	14.5	ESE	19.1	WSW	0
9	16.7	9.8	12.2	WNW	26.3	NW	0	9	17.8	11.4	14.5	ESE	20.5	WNW	0
10	14.8	8.8	11.1	N	22.3	NE	0	10	20.6	11.2	15.4	E	18.0	NNW	0
11	18.6	6.9	11.7	ENE	24.5	SE	0	11	18.3	10.9	15.0	SW	19.1	SW	0
12	16.7	8.3	11.9	E	19.4	NNE	0	12	17.4	14.5	15.5	WSW	23.8	WSW	0
13	17.0	7.7	11.7	E	17.6	NNW	0	13	17.3	13.7	15.3	W	25.2	WNW	0
14	16.7	8.1	11.6	ESE	18.7	W	0	14	19.4	10.3	14.6	E	21.2	WSW	0
15	17.6	8.9	12.7	ESE	36.0	SSW	0	15	19.5	11.9	15.4	E	25.2	E	0
16	18.2	8.8	12.9	ESE	25.9	SSE	0	16	18.2	11.3	14.8	E	19.4	WNW	0
17	18.1	10.5	13.9	SE	20.5	ESE	0	17	17.2	11.7	14.8	WNW	23.8	NW	0
18	16.6	10.8	14.1	ESE	48.2	NW	2	18	18.7	13.2	15.7	N	25.6	SE	0
19	16.1	8.9	13.1	NW	49.3	NW	0	19	19.4	13.4	15.7	E	48.6	ENE	0
20	12.2	6.5	8.9	NE	54.4	ENE	0	20	19.9	13.4	15.7	E	50.0	ENE	0
21	13.1	6.1	9.8	NE	34.6	ENE	1	21	19.9	13.2	15.5	E	55.1	ESE	0
22	12.9	8.6	10.0	ESE	34.9	SW	29	22	21.5	13.2	16.1	E	51.1	E	0
23	14.7	10.6	11.7	SE	40.3	SSW	18	23	20.0	13.1	15.8	E	65.9	E	0
24	14.2	10.5	12.1	ESE	47.5	SSW	18	24	18.4	12.0	15.0	E	27.4	ENE	0
25	15.1	10.7	12.5	ESE	44.6	SSE	37	25	15.8	11.6	14.0	W	28.4	WNW	0
26	14.6	10.1	12.1	WNW	16.6	WNW	0	26	16.4	13.6	14.8	WNW	33.5	WNW	0
27	15.6	8.8	12.2	ESE	16.6	W	0	27	21.1	9.8	15.2	N	29.9	N	0
28	17.0	10.7	13.7	ESE	16.2	WNW	0	28	21.6	10.0	15.4	SW	32.4	SSW	0
29	16.3	10.8	13.5	WNW	16.9	W	0	29	17.9	11.8	15.2	WSW	42.8	W	1
30	16.8	9.8	13.2	E	12.6	NW	0								
31	16.7	9.8	13.1	WNW	16.2	W	0								

<b>MARZO, 2020</b>								<b>ABRIL, 2020</b>							
Día	TEMPERATURA			VIENTO			pcpt	Día	TEMPERATURA			VIENTO			pcpt
	Máx.	Mín.	Med.	Dominante	V.Máx.	Dirección			Máx.	Mín.	Med.	Dominante	V.Máx.	Dirección	
1	18.7	14.7	16.3	SW	31.0	SW	0	1	17.9	10.8	14.0	SW	52.6	WSW	2
2	18.7	15.0	16.9	W	46.4	W	0	2	15.9	10.8	13.7	W	38.2	NW	8
3	17.7	10.6	15.0	W	31.7	WSW	0	3	20.0	10.3	15.0	ESE	43.2	ESE	0
4	17.9	14.8	16.2	WNW	32.0	W	0	4	17.9	13.9	15.5	ESE	62.6	SE	1
5	17.0	13.6	15.5	NW	46.4	NW	0	5	22.3	13.9	17.3	ESE	42.5	ESE	0
6	16.8	11.7	14.6	NNW	43.9	NNW	0	6	22.0	14.0	17.0	ESE	30.6	SE	0
7	22.3	8.4	15.4	NE	30.2	NE	0	7	24.1	13.4	17.7	ESE	37.8	ENE	0
8	20.4	9.5	15.3	NW	23.8	NNW	0	8	21.8	15.1	17.3	E	50.4	E	0
9	19.1	11.3	15.6	WNW	29.9	WNW	0	9	20.0	14.0	16.8	E	33.8	ENE	0
10	26.2	12.4	17.8	ESE	37.8	E	0	10	23.5	12.0	17.0	E	32.4	ENE	0
11	27.2	15.2	20.4	E	48.6	E	0	11	22.3	13.9	17.5	E	46.8	E	0
12	19.6	14.3	16.7	SW	25.6	WSW	0	12	22.1	15.3	17.8	E	45.0	E	0
13	18.7	13.8	16.0	WSW	23.8	W	0	13	19.6	13.4	16.8	SW	30.6	WSW	0
14	19.7	11.9	15.9	ESE	23.8	E	0	14	22.2	13.1	17.6	ESE	41.0	S	8
15	23.4	13.9	16.9	E	35.3	ENE	0	15	20.6	14.2	17.0	S	60.1	S	1
16	16.2	10.1	13.5	NNW	44.3	NW	0	16	22.3	14.2	18.1	S	44.3	SSW	0
17	17.2	8.2	12.2	E	48.2	ESE	69	17	21.8	14.5	17.7	ESE	27.4	SSW	0
18	20.7	12.7	17.0	E	94.0	E	1	18	23.4	14.8	18.4	E	25.9	W	0
19	18.8	15.2	16.6	E	66.2	E	0	19	19.2	15.8	17.6	W	48.6	W	0
20	19.0	12.4	15.4	ESE	51.8	ESE	22	20	19.5	12.5	16.3	WNW	55.1	WNW	5
21	15.6	11.8	13.4	W	53.6	SW	12	21	18.1	12.6	15.6	W	66.2	WSW	8
22	15.9	9.5	13.1	ESE	23.0	W	3	22	17.9	14.6	16.1	W	27.4	NW	0
23	18.4	9.4	13.9	E	31.7	ESE	0	23	22.9	13.3	17.9	E	58.3	E	0
24	14.9	11.0	13.0	NE	29.2	NE	9	24	22.1	15.8	17.9	ESE	63.0	E	0
25	19.7	11.8	15.1	ESE	35.6	SE	0	25	18.1	14.0	16.1	W	37.8	W	20
26	18.3	10.5	14.7	W	37.1	WSW	0	26	18.9	15.1	16.8	W	30.6	W	0
27	17.4	11.4	14.2	NW	28.1	WSW	0	27	19.7	14.1	16.8	W	43.2	SW	0
28	18.5	10.2	14.4	ESE	27.0	SW	0	28	19.6	14.0	17.0	W	25.2	SW	0
29	19.3	11.3	15.1	E	27.7	SW	0	29	19.4	12.7	16.6	W	34.9	WSW	0
30	18.4	11.4	14.4	ESE	42.1	SSW	56	30	20.0	16.5	17.9	W	29.9	W	0
31	18.7	13.1	15.5	SW	43.6	SW	4								



**RESUMEN MENSUAL: TEMPERATURA, VIENTO Y PRECIPITACIÓN**

**MAYO, 2020**

Día	TEMPERATURA			VIENTO			pcpt
	Máx.	Mín.	Med.	Dominante	V.Máx.	Dirección	
1	21.5	14.3	18.5	WNW	26.6	WNW	0
2	25.2	16.6	21.0	WNW	25.2	W	0
3	34.1	18.8	26.1	ESE	49.0	E	0
4	25.2	18.4	21.7	ESE	59.4	SE	0
5	20.9	16.4	18.9	WNW	31.7	WNW	0
6	26.8	15.5	20.8	NNE	36.0	ESE	0
7	28.5	19.4	22.8	ESE	55.1	SE	0
8	22.3	17.4	19.7	W	37.8	S	0
9	21.3	15.2	18.1	WSW	39.2	W	2
10	20.1	16.1	18.2	W	51.8	WSW	1
11	21.1	16.7	18.8	SW	44.6	SW	2
12	19.2	13.6	16.5	ESE	35.3	W	15
13	21.4	14.2	17.1	SW	51.5	W	9
14	19.4	13.6	16.3	SW	69.8	SSW	16
15	19.4	15.0	16.7	SE	38.9	ESE	1
16	19.4	14.8	17.1	W	26.6	W	0
17	23.0	14.0	18.2	ESE	27.4	E	0
18	23.9	15.2	20.2	WNW	28.4	NW	0
19	27.0	17.1	22.5	E	24.5	WSW	0
20	25.4	18.7	21.9	W	22.7	W	0
21	25.4	17.4	22.1	S	24.8	S	0
22	28.6	19.3	24.3	W	21.6	WSW	0
23	36.0	21.6	28.2	E	34.2	E	0
24	30.7	21.0	25.7	E	64.8	E	0
25	29.3	19.6	23.7	E	59.8	SE	0
26	28.5	20.6	23.7	E	72.7	ESE	0
27	27.8	19.9	23.4	E	77.0	E	0
28	28.4	20.2	23.4	E	72.0	E	0
29	29.8	19.6	24.1	ESE	53.6	E	0
30	29.6	20.4	24.2	E	58.0	ESE	0
31	24.9	19.2	21.6	ESE	50.4	ENE	0

**JUNIO, 2020**

Día	TEMPERATURA			VIENTO			pcpt
	Máx.	Mín.	Med.	Dominante	V.Máx.	Dirección	
1	25.1	16.7	20.8	ESE	31.3	S	0
2	23.6	17.2	20.6	WNW	27.4	W	0
3	22.7	19.2	20.9	W	34.2	WSW	0
4	22.9	19.6	20.9	W	47.5	WSW	1
5	23.6	19.6	21.4	WSW	29.5	WSW	0
6	24.6	19.1	21.5	WSW	27.7	WSW	0
7	22.4	20.0	20.9	W	35.3	WSW	0
8	21.7	16.8	19.4	W	40.3	W	0
9	23.0	18.5	20.6	WSW	31.3	WSW	0
10	23.7	17.0	20.5	W	29.9	W	0
11	21.6	17.8	19.5	W	51.1	W	0
12	21.5	16.9	19.2	W	43.9	W	1
13	21.6	16.7	19.5	WNW	32.4	WSW	0
14	22.5	18.5	20.2	W	41.4	W	0
15	22.5	17.9	20.4	W	33.1	W	0
16	23.0	19.4	21.0	W	45.7	W	0
17	22.8	19.3	21.0	WNW	31.7	W	0
18	22.3	18.3	20.3	W	32.8	WSW	0
19	22.4	18.4	20.4	WSW	25.6	S	0
20	28.8	17.9	22.5	W	26.3	W	0
21	29.1	20.0	24.6	NW	31.7	NW	0
22	35.9	22.1	28.9	E	60.1	E	0
23	33.9	24.4	28.7	E	60.8	ESE	0
24	27.3	21.3	24.0	SW	39.2	S	0
25	26.5	20.7	22.8	S	33.8	S	0
26	23.7	20.1	21.6	W	31.3	WSW	0
27	24.6	17.6	21.7	W	29.2	WNW	0
28	28.2	19.3	23.3	W	24.5	W	0
29	28.2	22.4	25.2	ESE	31.0	SSE	0
30	27.9	21.7	24.7	SSW	40.0	SSW	0

**JULIO, 2020**

1	25.0	20.2	22.3	W	25.6	SSW	0
2	26.4	20.7	23.5	W	33.8	W	0
3	23.9	20.0	21.9	W	28.1	W	0
4	32.7	19.8	25.2	ESE	37.1	SE	0
5	35.4	23.6	29.1	E	53.3	ENE	0
6	37.2	24.1	28.3	E	28.1	E	0
7	35.3	25.5	28.8	ESE	23.4	SE	0
8	28.1	21.0	25.3	WSW	32.4	W	0
9	25.5	20.5	22.3	SSW	29.5	SW	0
10	26.7	18.6	23.0	WNW	24.1	WNW	0
11	34.0	23.3	28.4	E	65.2	ESE	0
12	34.2	24.1	27.1	E	45.0	SE	0
13	33.2	23.9	26.5	ESE	34.2	SE	0
14	33.5	24.7	27.2	ESE	38.9	ESE	0
15	34.1	24.6	28.5	E	63.4	ESE	0
16	35.5	25.8	29.5	E	62.6	E	0
17	36.5	25.7	29.9	ESE	49.0	ESE	0
18	35.7	22.9	27.9	ESE	38.2	SE	0
19	30.8	22.7	25.7	WNW	26.6	W	0
20	38.1	24.6	30.0	E	63.0	ESE	0
21	28.1	23.3	25.4	S	35.6	S	0
22	26.2	22.4	24.4	WNW	27.0	W	0
23	28.8	22.9	26.0	S	25.2	SW	0
24	30.0	23.3	26.5	W	24.1	W	0
25	28.6	22.7	26.4	WNW	27.0	W	0
26	36.9	24.9	28.4	ESE	33.1	ESE	0
27	28.7	23.1	25.6	WSW	36.0	S	0
28	28.4	22.9	25.3	W	27.4	WSW	0
29	28.4	22.2	25.4	SSE	26.6	SSW	0
30	34.6	24.5	27.0	W	36.0	WSW	0
31	30.8	23.4	26.5	WNW	21.6	NW	0

**AGOSTO, 2020**

1	30.3	24.0	27.0	WNW	27.7	W	0
2	28.2	24.0	26.0	W	35.3	W	0
3	27.8	21.8	24.6	W	32.0	SW	0
4	27.7	22.6	25.5	WNW	31.7	S	0
5	37.1	24.8	30.1	E	43.9	E	0
6	36.2	25.1	30.0	ESE	69.5	SE	0
7	28.6	23.6	25.8	SSW	36.4	WSW	0
8	35.0	23.7	27.0	W	29.2	SE	0
9	28.1	23.1	25.3	W	24.1	WSW	0
10	28.2	23.1	25.4	WSW	27.0	SW	2
11	27.6	22.2	24.6	SW	33.8	WSW	0
12	24.5	21.8	22.9	W	32.4	W	0
13	24.7	19.8	22.8	W	27.0	WSW	0
14	25.8	19.8	23.2	W	31.3	W	0
15	24.7	21.4	23.0	W	35.6	W	0
16	24.3	20.4	22.8	W	37.8	WSW	0
17	28.1	20.6	23.7	WNW	34.9	NW	0
18	31.1	21.9	25.6	WNW	33.1	NW	0
19	28.7	21.8	25.3	WNW	25.2	W	0
20	25.2	20.8	22.9	WNW	31.7	WNW	0
21	25.5	20.7	23.2	W	28.1	W	0
22	29.1	20.9	24.6	WNW	28.8	WNW	0
23	30.3	20.3	25.0	WSW	24.5	WSW	0
24	28.3	21.8	25.0	WNW	31.3	ENE	0
25	34.4	23.6	26.9	E	32.4	ESE	0
26	29.9	21.9	25.8	W	24.1	WSW	0
27	30.9	22.8	25.8	W	29.5	W	0
28	26.7	21.8	23.8	W	38.5	WSW	0
29	24.1	18.7	21.6	NW	41.0	NNW	0
30	30.6	18.0	23.4	WSW	33.8	ESE	0
31	31.6	21.7	26.1	E	53.6	E	0

**RESUMEN MENSUAL: TEMPERATURA, VIENTO Y PRECIPITACIÓN**

SEPTIEMBRE, 2020								OCTUBRE, 2020							
Día	TEMPERATURA			VIENTO			pcpt	Día	TEMPERATURA			VIENTO			pcpt
	Máx.	Mín.	Med.	Dominante	V.Máx.	Dirección			Máx.	Mín.	Med.	Dominante	V.Máx.	Dirección	
1	27.7	20.2	23.4	W	30.2	E	0	1	22.4	18.4	20.4	W	38.9	W	0
2	25.8	18.4	22.4	ESE	31.3	ESE	0	2	22.2	17.8	19.9	W	60.5	WSW	1
3	32.2	22.6	26.5	E	63.0	ESE	0	3	20.2	15.5	17.8	W	46.8	NW	0
4	31.1	23.2	26.2	E	59.4	ESE	0	4	20.4	14.1	17.9	W	30.2	WNW	0
5	33.3	22.9	26.7	ESE	53.6	SE	0	5	21.0	15.0	18.3	WNW	32.0	NW	0
6	33.3	22.5	27.0	ESE	45.0	ENE	0	6	24.2	14.6	19.5	W	27.4	W	0
7	28.4	22.1	24.5	WNW	29.9	ESE	0	7	29.1	17.3	22.2	E	25.9	ENE	0
8	31.1	23.4	26.1	ESE	55.8	SE	0	8	31.1	20.6	25.0	ESE	43.2	ESE	0
9	33.3	22.0	26.3	ESE	49.3	E	0	9	29.3	19.9	22.6	E	37.1	E	0
10	32.3	21.4	25.0	ESE	27.4	W	0	10	27.9	18.9	21.7	ESE	31.3	SE	0
11	34.3	21.7	26.7	ESE	45.0	ESE	0	11	24.7	17.2	20.5	W	23.4	W	0
12	34.7	22.6	27.5	E	63.0	E	0	12	27.0	15.3	20.1	E	26.6	SSW	0
13	32.0	24.9	27.6	ESE	59.4	SE	0	13	23.5	14.3	18.8	WNW	27.0	W	0
14	32.6	22.7	26.4	ESE	46.4	ESE	0	14	19.7	15.2	17.6	W	38.5	NW	0
15	29.2	21.7	24.1	WNW	25.2	W	0	15	19.0	12.2	16.8	W	25.6	WNW	0
16	26.5	20.9	23.2	ESE	28.1	WSW	0	16	21.4	12.6	16.8	ESE	24.1	SW	0
17	28.1	21.9	23.8	S	36.4	SSW	0	17	21.6	13.0	17.2	ESE	21.2	W	0
18	25.8	20.7	23.1	SW	47.2	S	4	18	26.0	13.8	19.5	ESE	50.4	ESE	0
19	24.6	20.8	22.4	W	37.1	WSW	2	19	26.2	18.3	21.3	ESE	56.2	SSE	0
20	23.7	19.2	21.8	WNW	29.5	WNW	0	20	26.3	18.6	21.0	ESE	58.7	SSW	9
21	27.6	19.8	22.9	WNW	29.5	NW	0	21	23.2	17.6	20.4	SW	39.6	WSW	3
22	26.0	19.3	22.6	W	26.3	W	0	22	22.3	16.8	18.9	S	32.8	WSW	16
23	25.1	21.2	23.0	NW	24.1	WSW	0	23	21.6	14.8	18.4	ESE	22.3	NW	1
24	31.9	21.4	25.6	NE	24.5	NNW	0	24	21.8	14.6	17.6	ESE	23.8	WSW	0
25	24.4	19.5	22.4	WNW	38.9	WNW	0	25	21.2	14.1	17.8	WSW	60.5	WSW	3
26	23.3	16.2	20.4	W	33.5	NW	0	26	18.2	14.5	16.7	NNW	41.4	NNW	1
27	23.2	18.1	20.6	WNW	30.2	W	0	27	18.4	11.0	15.5	NW	26.6	WNW	0
28	25.6	16.4	21.2	E	24.5	WNW	0	28	22.0	12.5	17.3	NE	30.2	NNE	0
29	31.9	18.4	24.3	E	43.9	ESE	0	29	26.4	14.4	19.5	E	43.2	E	0
30	25.0	19.5	21.9	WSW	29.5	SW	0	30	25.4	17.4	20.6	E	38.9	ESE	0
								31	23.1	15.9	18.8	E	23.0	ENE	0

NOVIEMBRE, 2020								DICIEMBRE, 2020							
Día	TEMPERATURA			VIENTO			pcpt	Día	TEMPERATURA			VIENTO			pcpt
	Máx.	Mín.	Med.	Dominante	V.Máx.	Dirección			Máx.	Mín.	Med.	Dominante	V.Máx.	Dirección	
1	23.6	14.5	18.1	E	19.4	W	0	1	20.5	12.9	16.1	E	23.8	ENE	0
2	23.2	15.7	18.9	E	16.6	WSW	0	2	17.0	12.1	14.2	E	19.1	NW	0
3	21.2	14.9	18.1	W	20.9	SW	0	3	19.0	11.4	15.0	W	31.0	NW	0
4	22.0	15.6	18.1	ESE	45.4	SE	5	4	16.7	10.8	14.0	W	65.9	NNW	7
5	24.3	15.2	18.8	ESE	43.9	SSE	5	5	13.0	7.5	10.5	NW	45.7	WNW	0
6	22.8	17.9	19.6	S	43.9	S	0	6	14.3	8.9	12.3	NW	35.6	NW	0
7	21.6	14.7	18.3	WSW	65.9	WSW	4	7	16.8	11.6	15.1	W	60.5	WSW	5
8	22.3	14.3	17.5	ESE	20.9	SSW	0	8	17.6	13.4	15.8	W	48.2	W	2
9	19.8	14.3	17.0	ESE	19.1	W	5	9	16.3	11.1	13.8	NW	36.0	W	0
10	22.5	13.5	17.2	NE	32.0	E	0	10	17.7	13.8	16.2	W	43.9	WSW	1
11	22.2	16.5	18.4	E	52.2	SE	0	11	17.5	16.5	17.0	W	49.0	WNW	0
12	22.0	16.7	18.6	ESE	43.9	SE	0	12	18.3	16.3	17.2	W	32.8	W	0
13	23.0	16.5	19.1	ESE	27.7	SSW	0	13	19.1	14.9	16.7	N	18.0	N	0
14	20.4	16.5	18.5	S	25.9	SSW	6	14	18.4	14.2	15.8	WSW	32.0	NW	5
15	26.7	15.9	20.1	ESE	24.1	S	0	15	17.4	11.7	14.6	ESE	13.3	SE	0
16	20.5	16.2	18.1	W	18.7	W	0	16	17.6	10.4	12.9	ESE	41.8	SSW	11
17	20.5	14.6	17.2	E	21.2	ENE	0	17	15.9	10.1	12.9	NE	19.1	NW	0
18	23.2	15.7	18.4	ESE	36.7	E	0	18	17.5	9.9	13.1	ESE	17.3	SW	0
19	22.4	16.5	18.6	E	47.9	E	0	19	16.3	11.0	13.6	ESE	32.0	SSW	8
20	23.1	16.3	18.6	E	37.8	E	0	20	15.8	12.3	14.0	WNW	26.3	WNW	0
21	20.9	16.5	17.9	ESE	57.6	E	0	21	17.8	9.8	13.5	NE	20.9	NNE	0
22	19.9	13.9	16.7	E	52.2	SE	0	22	19.3	12.2	14.8	ESE	35.3	SE	0
23	20.2	13.6	16.0	E	40.0	E	0	23	19.2	12.2	15.2	ESE	22.3	SSW	0
24	20.6	12.6	16.5	ESE	33.8	SSW	0	24	16.2	12.3	14.0	ESE	19.4	NW	0
25	18.0	12.9	14.8	ESE	45.4	SSW	30	25	16.4	9.4	12.8	NE	29.5	E	0
26	14.4	9.7	12.2	SE	50.4	SSE	36	26	14.5	6.1	9.5	NE	29.2	E	0
27	15.1	9.1	11.7	E	23.4	WSW	0	27	14.0	4.8	9.4	NE	24.5	W	0
28	18.6	10.9	15.3	WSW	40.3	WSW	1	28	16.4	11.1	13.3	W	55.8	WSW	2
29	16.6	14.1	15.0	ESE	41.0	S	48	29	14.4	7.7	11.2	WNW	32.0	WNW	0
30	19.5	15.1	16.6	ESE	48.2	ESE	0	30	11.9	5.5	8.6	N	21.6	N	0
								31	13.1	4.9	9.3	N	29.9	SW	0



METEOROLOGÍA:  
RESUMEN ANUAL DE 2020

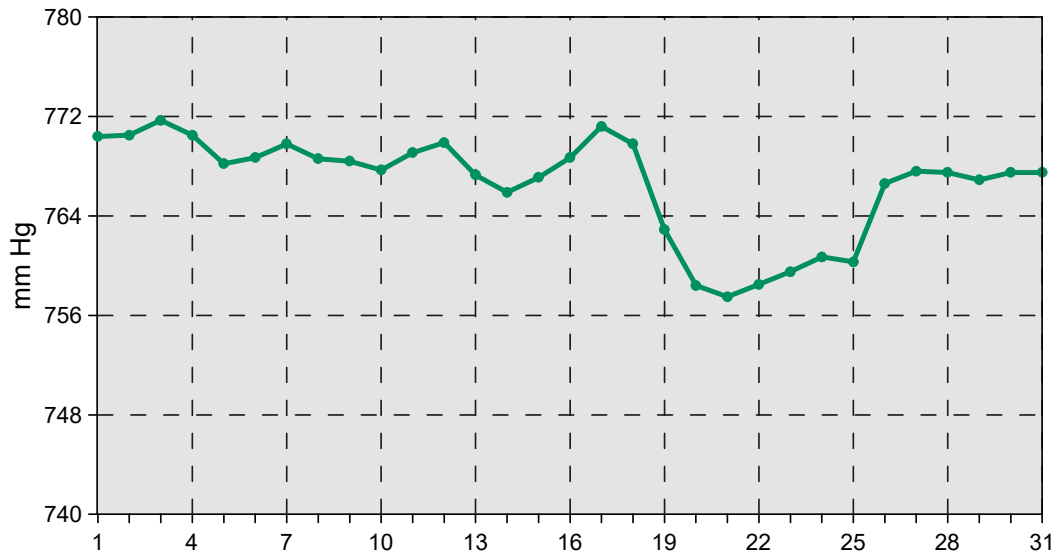


## RESUMEN ANUAL DE 2020

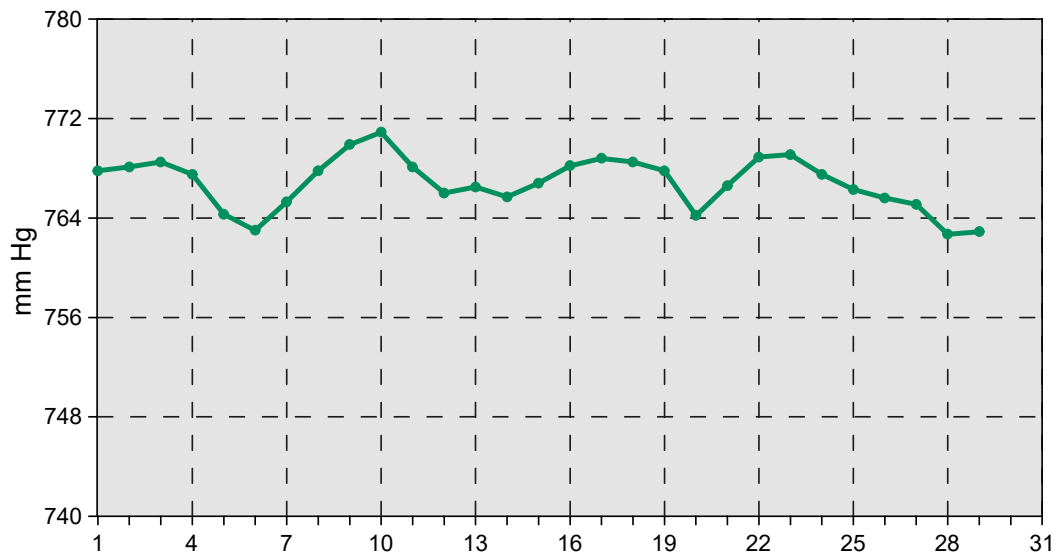
Real Instituto y Observatorio de la Armada en San Fernando

Mes	Lluvia Total l/m <sup>2</sup>	Temperatura		Humedad Relativa Media	Viento Dominante Dirección	Horas de Sol	Presión Media mm Hg	Racha Máxima del Viento		
		Media °C	Máxima °C					Mínima °C	km/h	Dirección
Enero	105,1	12,2	18,7	6,1	E	192,1	766,6	54,4	ENE	20
Febrero	3,6	15,3	24,8	9,8	E	244,3	766,9	74,5	ESE	5
Marzo	174,2	15,4	27,2	8,2	E	194,7	760,6	94,0	E	18
Abril	53,2	16,8	24,1	10,3	W	173,3	759,3	66,2	WSW	21
Mayo	45,2	21,1	36,0	13,6	E	305,1	759,4	77,0	E	27
Junio	1,9	21,9	35,9	16,7	W	345,7	759,7	60,8	ESE	23
Julio	0,2	26,4	38,1	18,6	E	358,2	758,2	65,2	ESE	11
Agosto	1,9	25,0	37,1	18,0	W	348,6	758,2	69,5	SE	6
Septiembre	5,5	24,2	34,7	16,2	ESE	236,7	759,9	63,0	ESE	3
Octubre	33,0	19,2	31,1	11,0	ESE	257,1	761,5	60,5	WSW	25
Noviembre	140,0	17,3	26,7	9,1	ESE	184,1	762,1	65,9	WSW	7
Diciembre	41,4	13,6	20,5	4,8	W	166,1	761,9	65,9	NNW	4
<b>Total</b>	<b>605,2</b>					<b>3006,0</b>				
<b>Media</b>		<b>19,0</b>		<b>69</b>			<b>761,2</b>			
<b>Maxima</b>			<b>38,1</b>		<b>ESE</b>			<b>94,0</b>	<b>E</b>	<b>18-mar</b>
<b>Minima</b>				<b>4,8</b>						
<b>Dominante</b>										

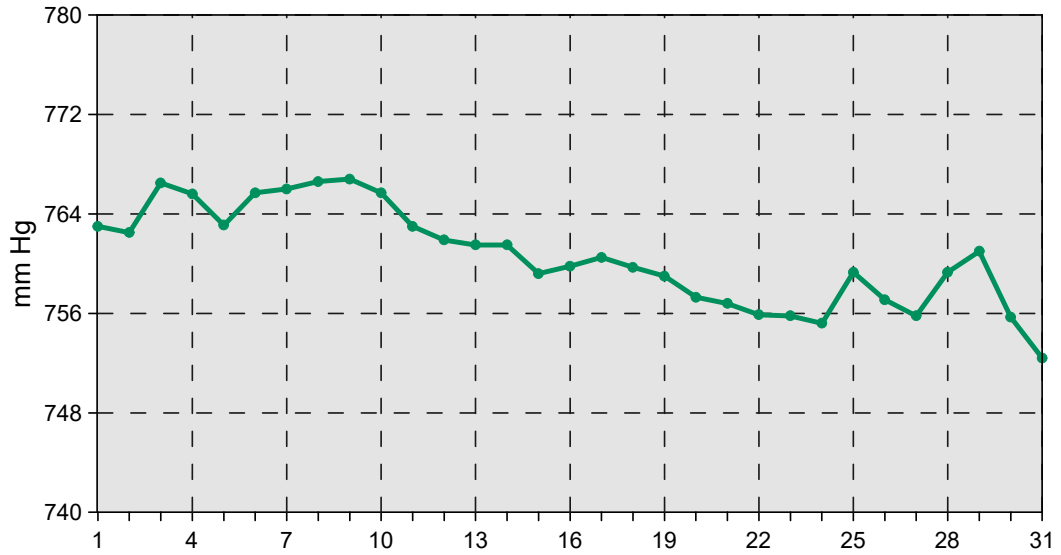
**Presión media diaria  
Enero 2020**



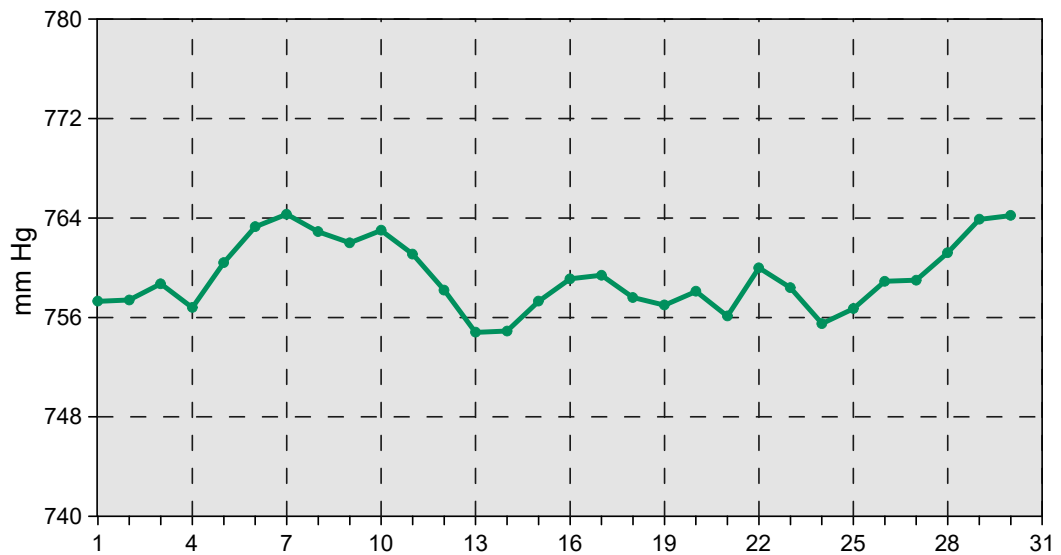
**Presión media diaria  
Febrero 2020**



**Presión media diaria  
Marzo 2020**

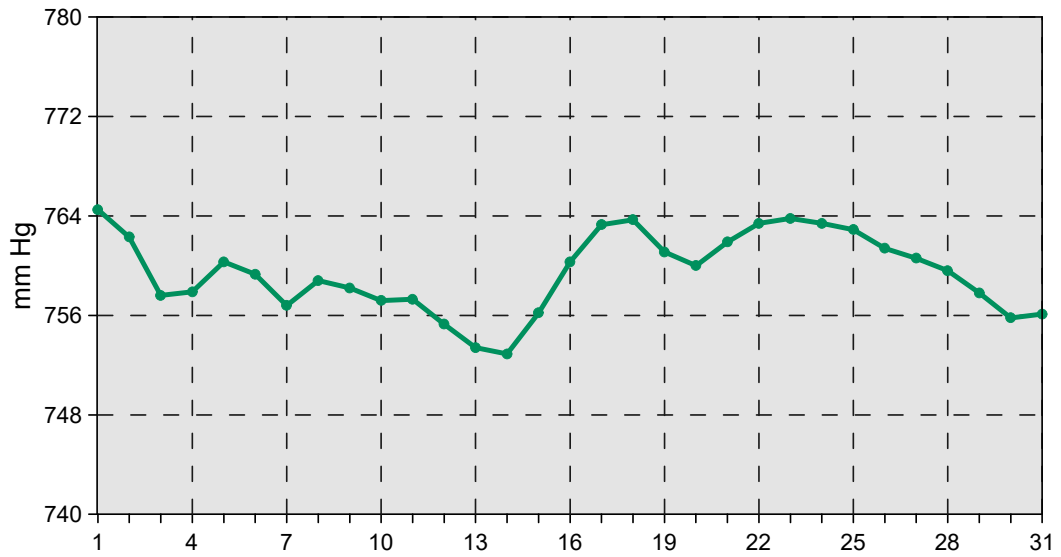


**Presión media diaria  
Abril 2020**

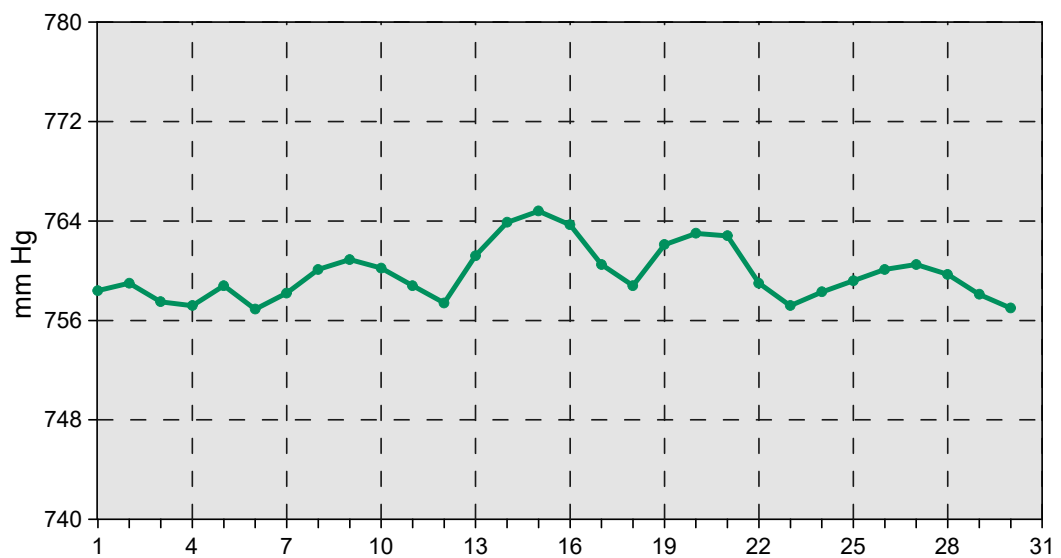




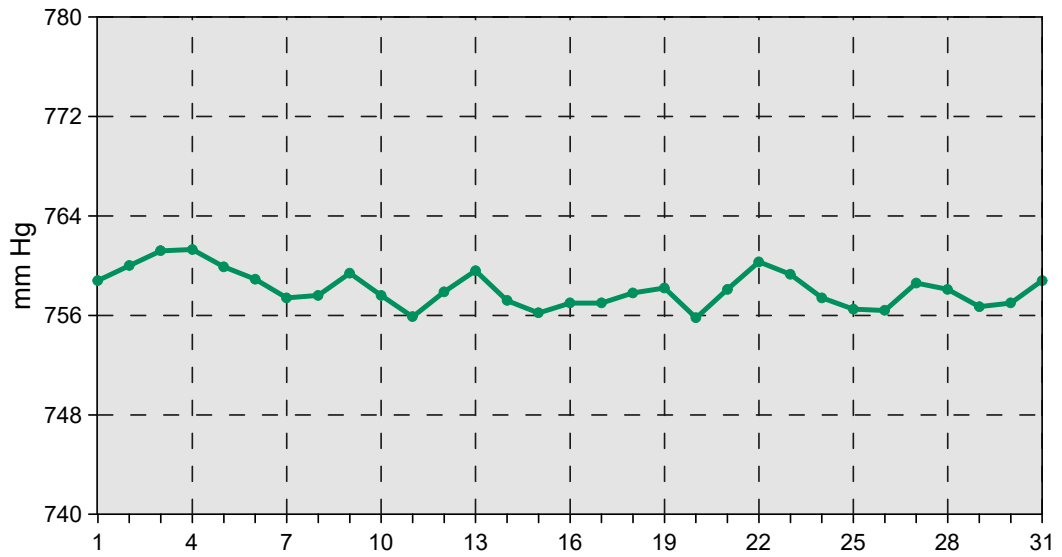
**Presión media diaria  
Mayo 2020**



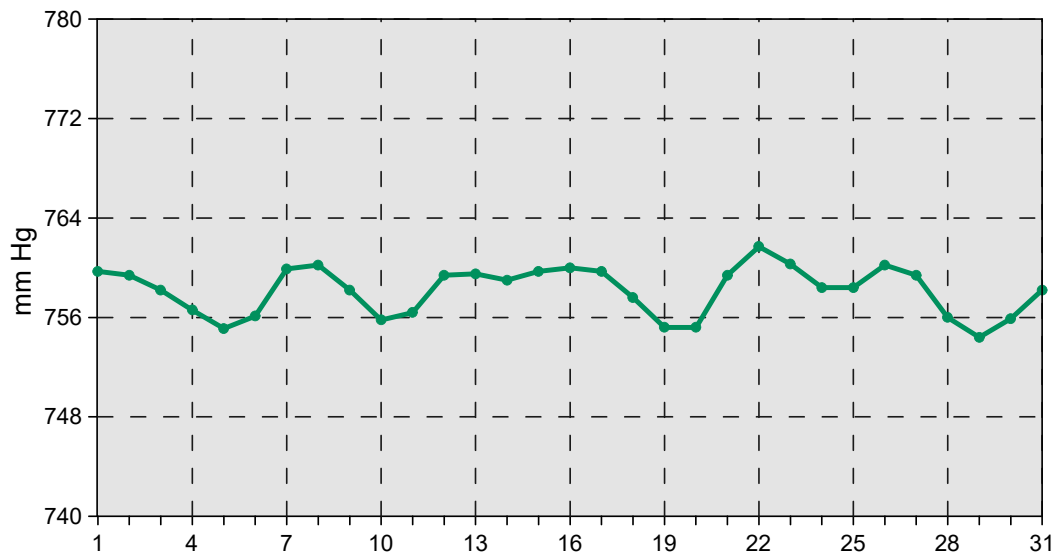
**Presión media diaria  
Junio 2020**



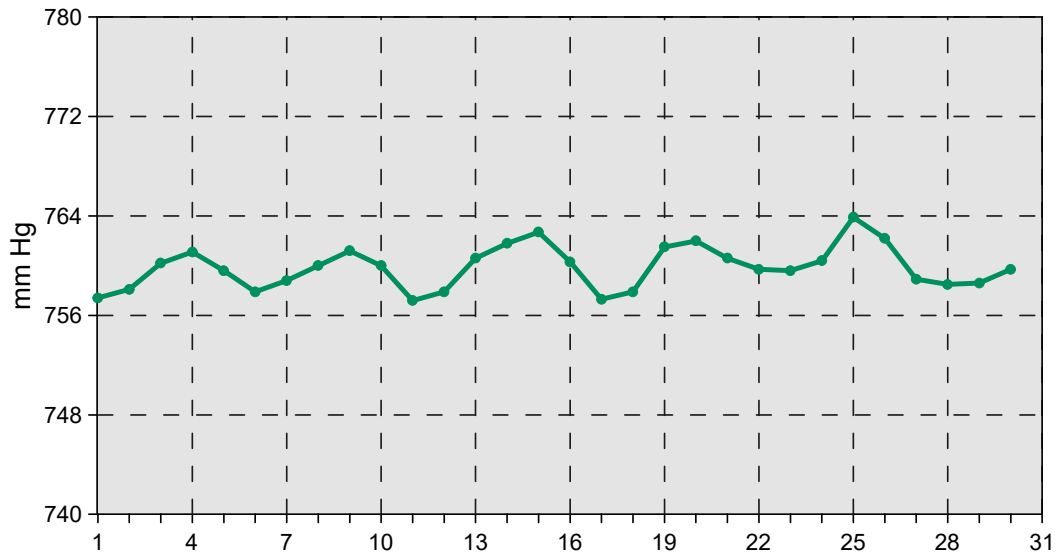
**Presión media diaria  
Julio 2020**



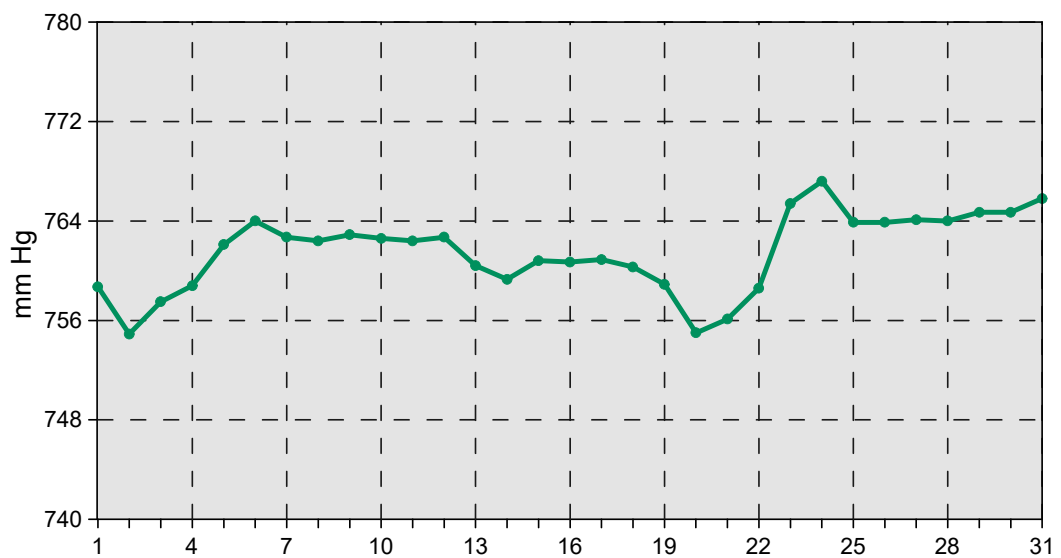
**Presión media diaria  
Agosto 2020**



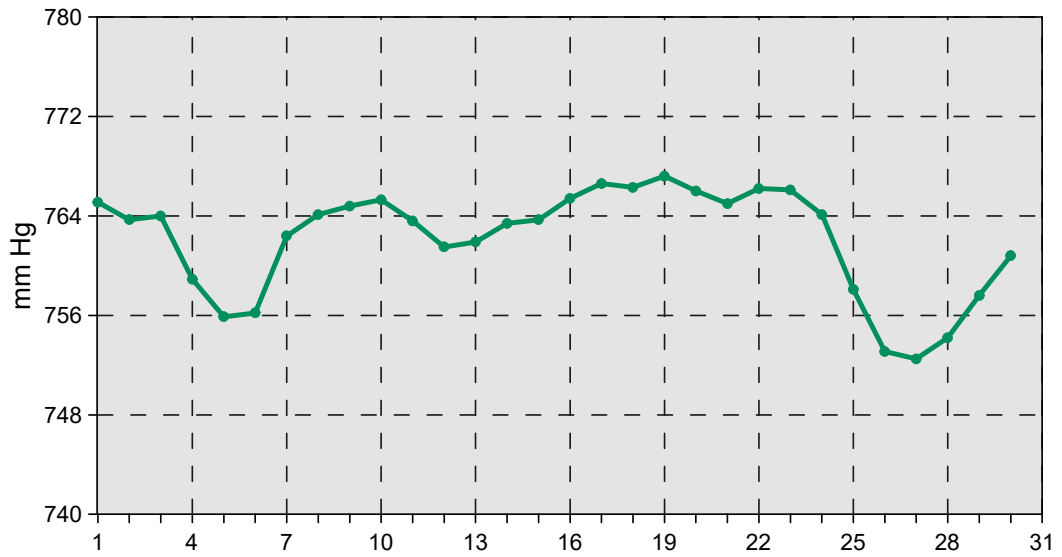
**Presión media diaria  
Septiembre 2020**



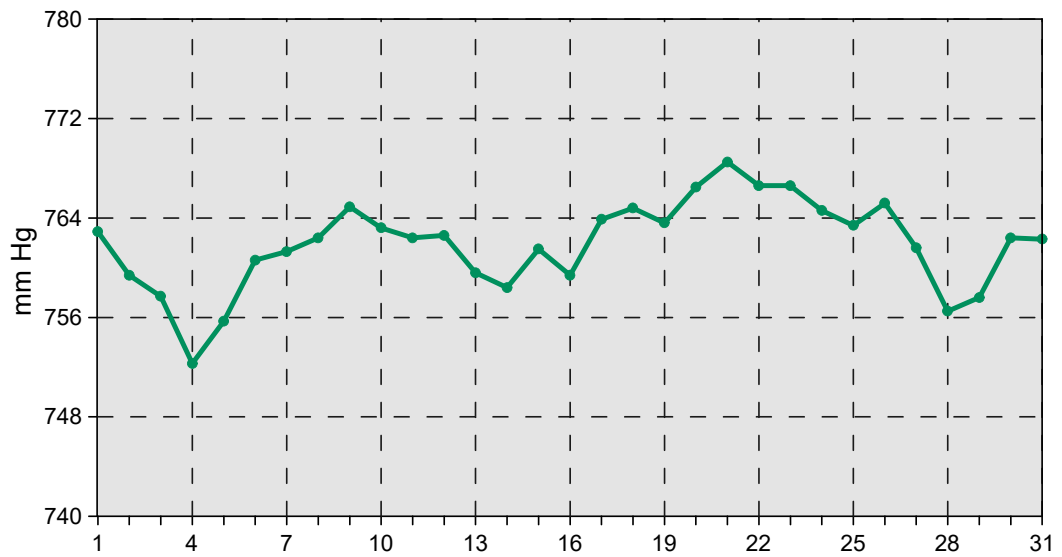
**Presión media diaria  
Octubre 2020**



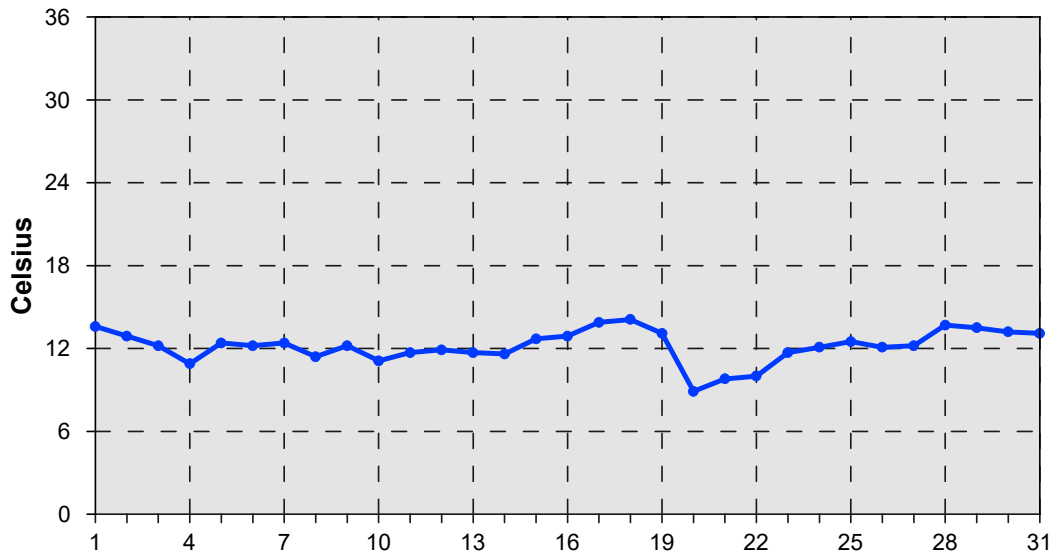
**Presión media diaria  
Noviembre 2020**



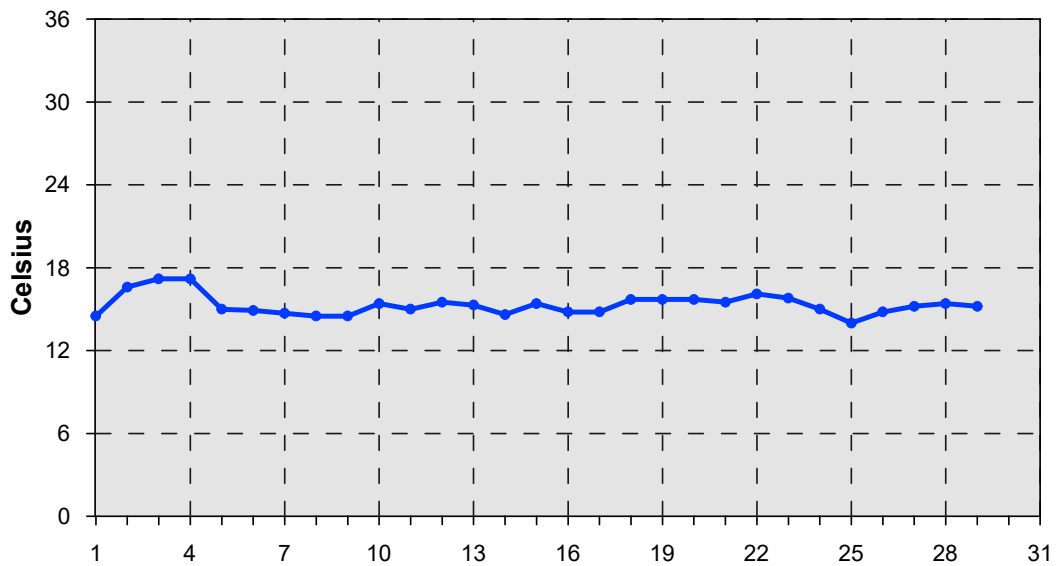
**Presión media diaria  
Diciembre 2020**



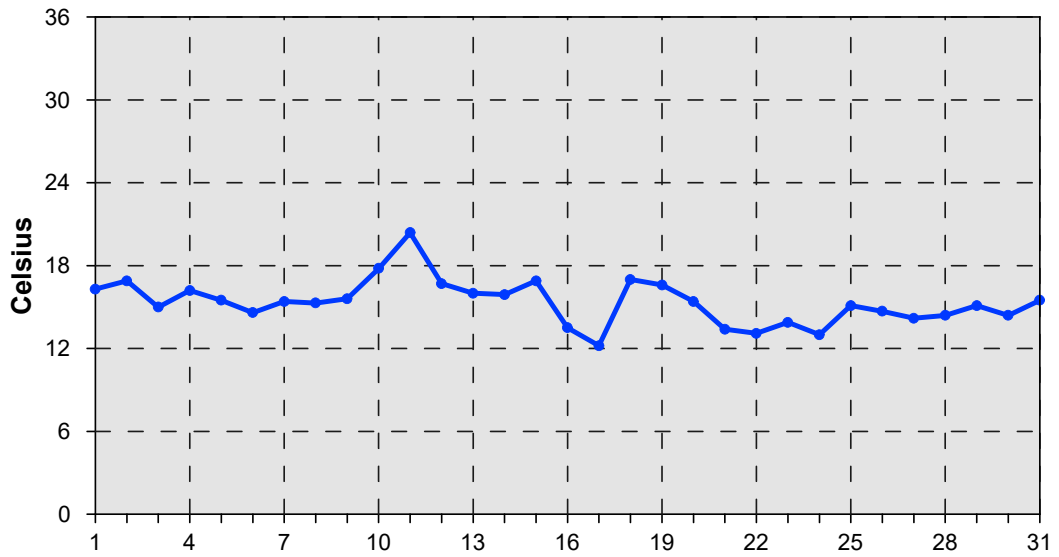
**Temperatura seca media diaria  
Enero 2020**



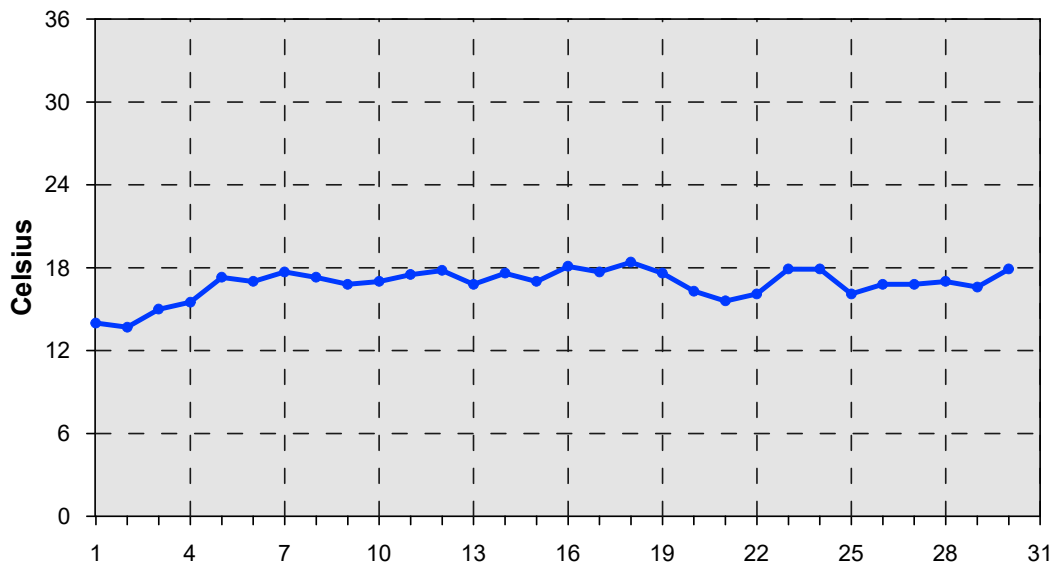
**Temperatura seca media diaria  
Febrero 2020**



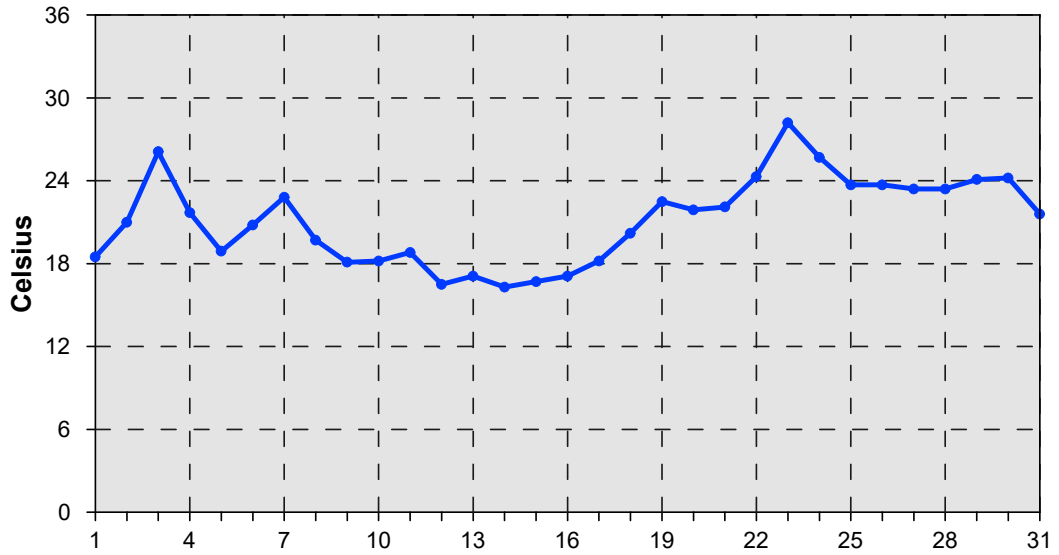
**Temperatura seca media diaria  
Marzo 2020**



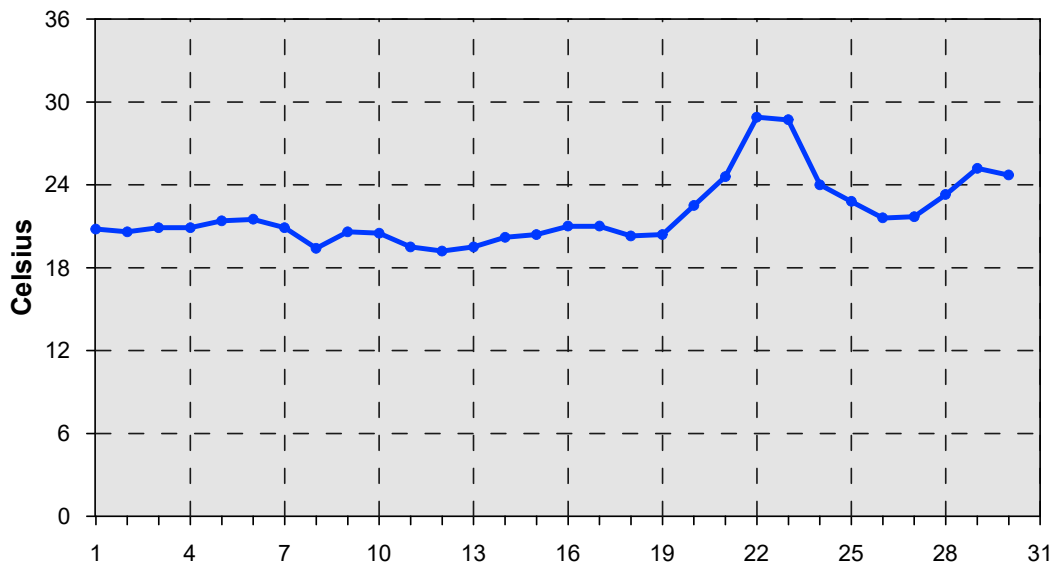
**Temperatura seca media diaria  
Abril 2020**



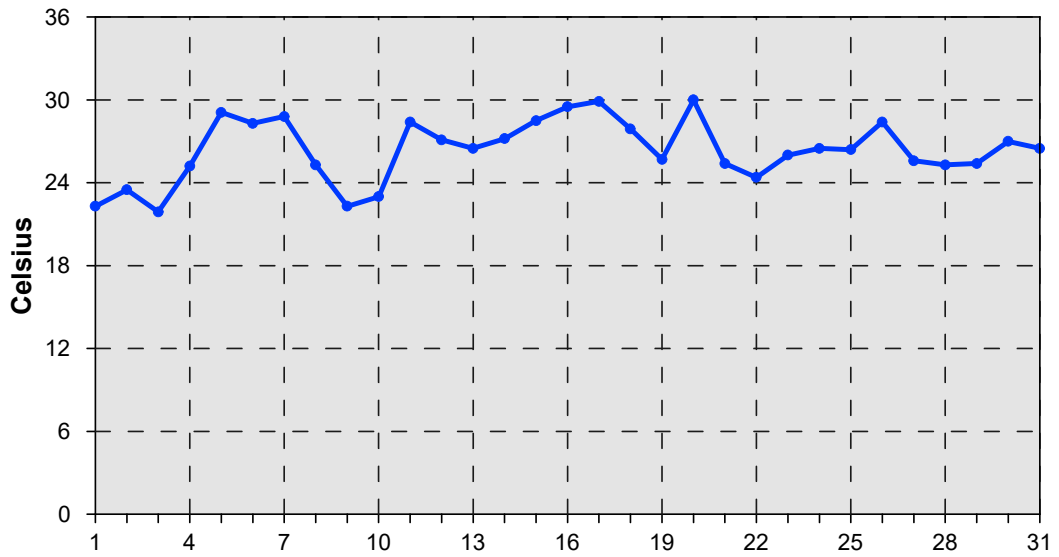
Temperatura seca media diaria  
Mayo 2020



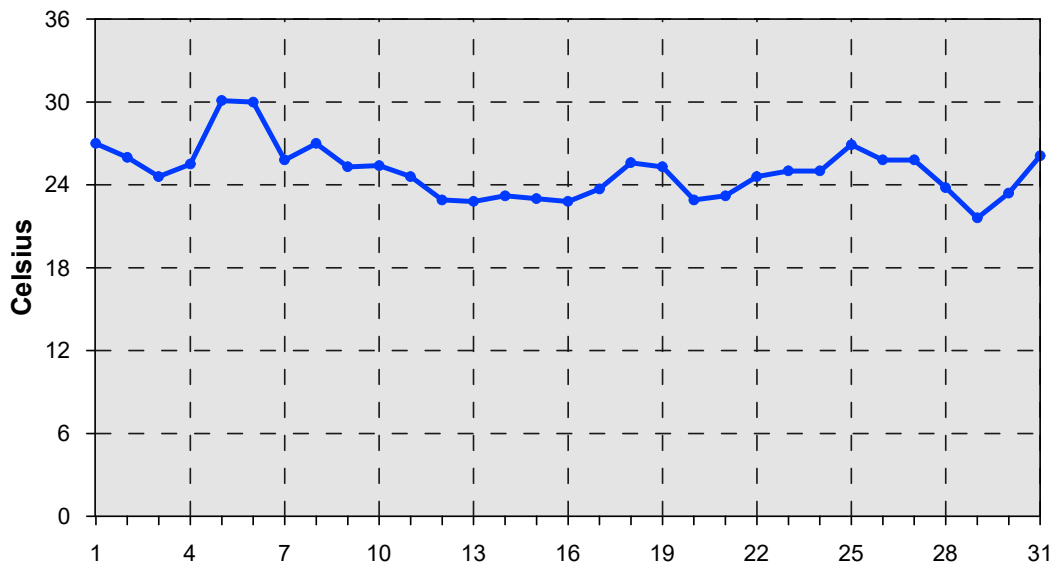
Temperatura seca media diaria  
Junio 2020



Temperatura seca media diaria  
Julio 2020

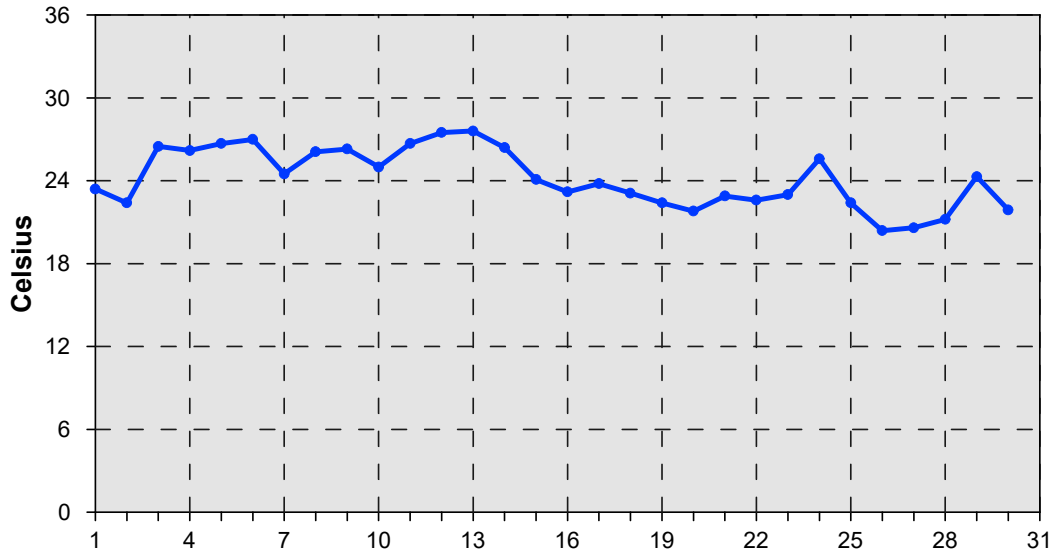


Temperatura seca media diaria  
Agosto 2020

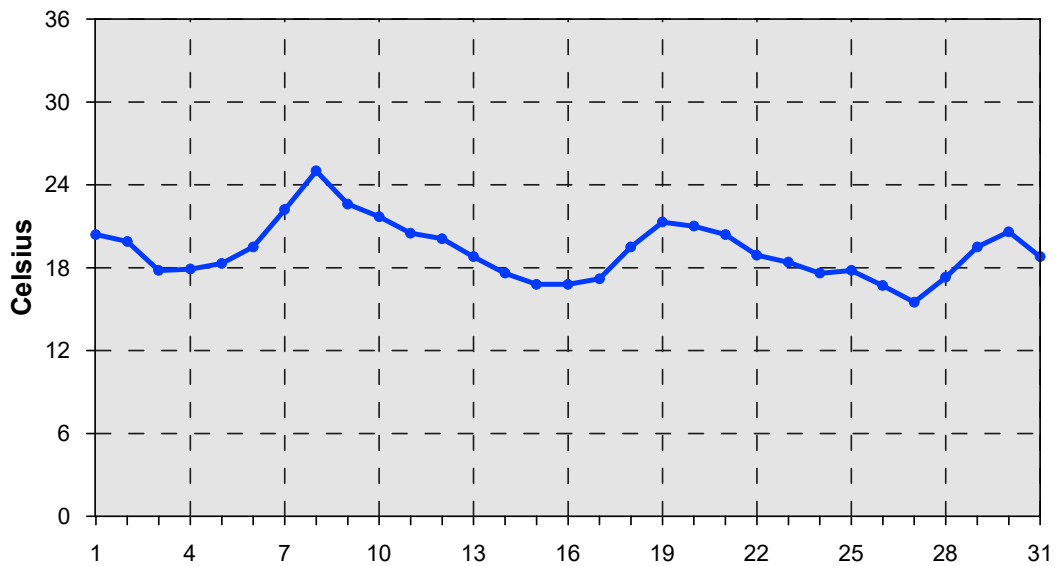




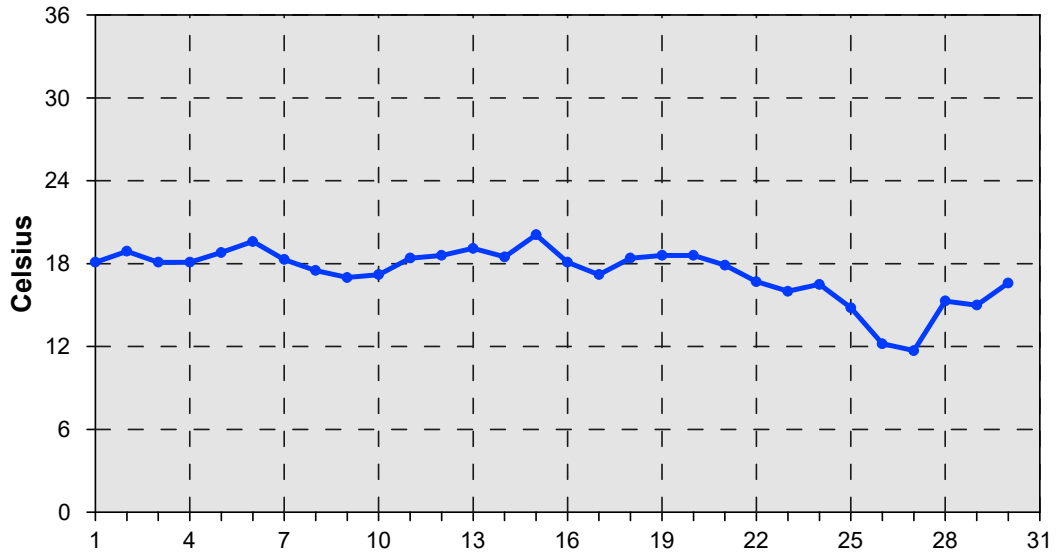
Temperatura seca media diaria  
Septiembre 2020



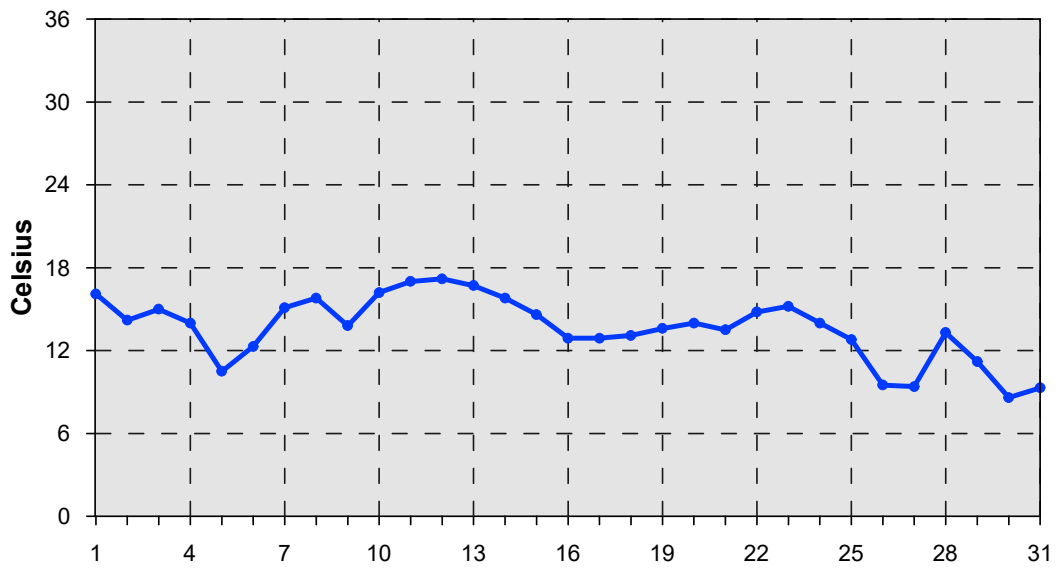
Temperatura seca media diaria  
Octubre 2020



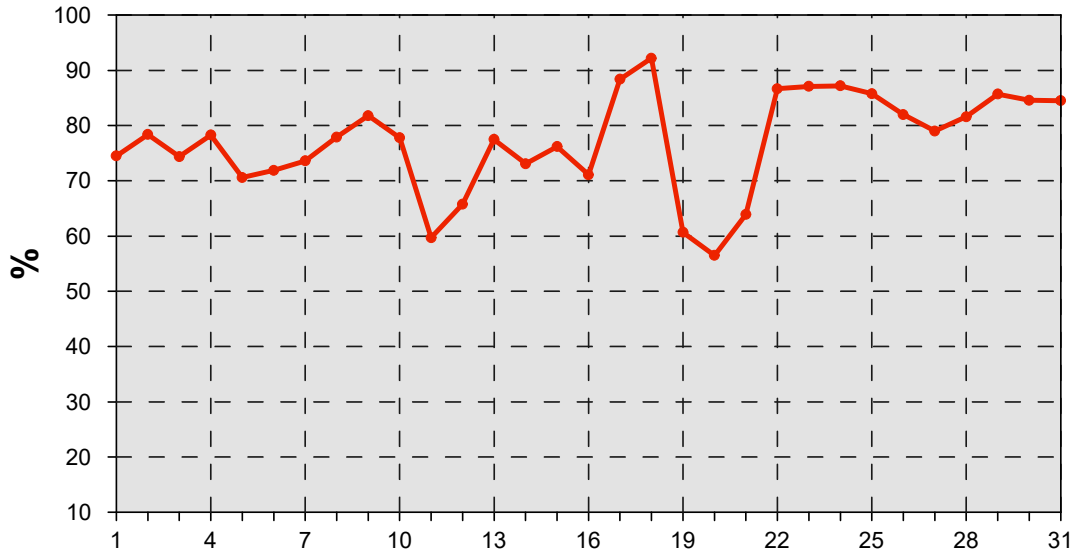
**Temperatura seca media diaria  
Noviembre 2020**



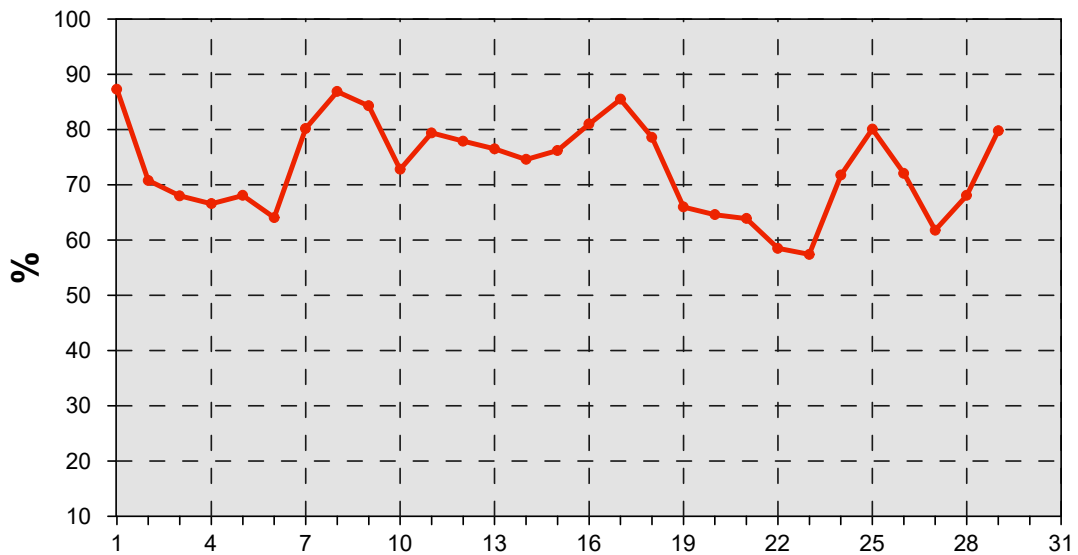
**Temperatura seca media diaria  
Diciembre 2020**



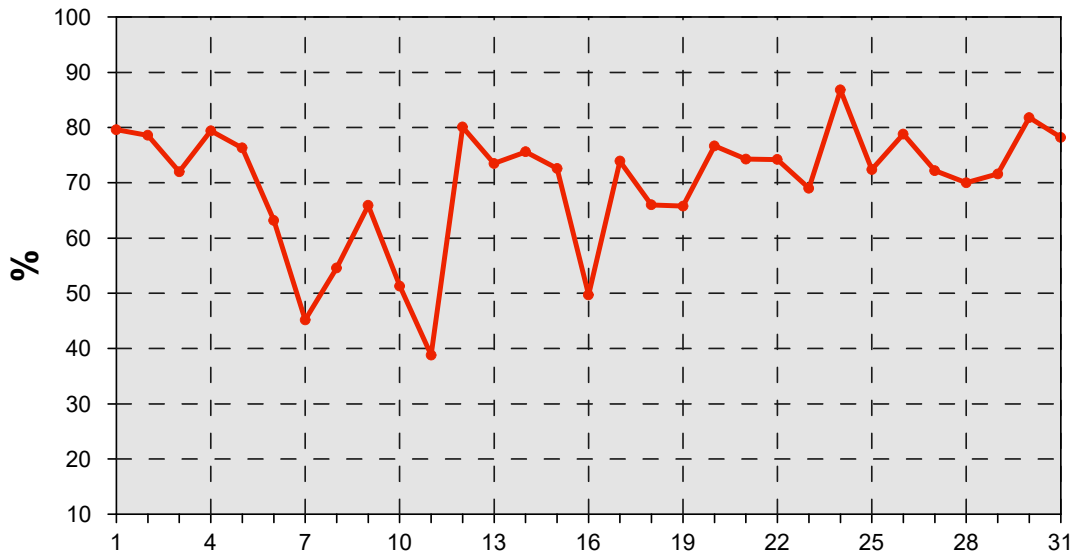
**Humedad relativa media diaria  
Enero 2020**



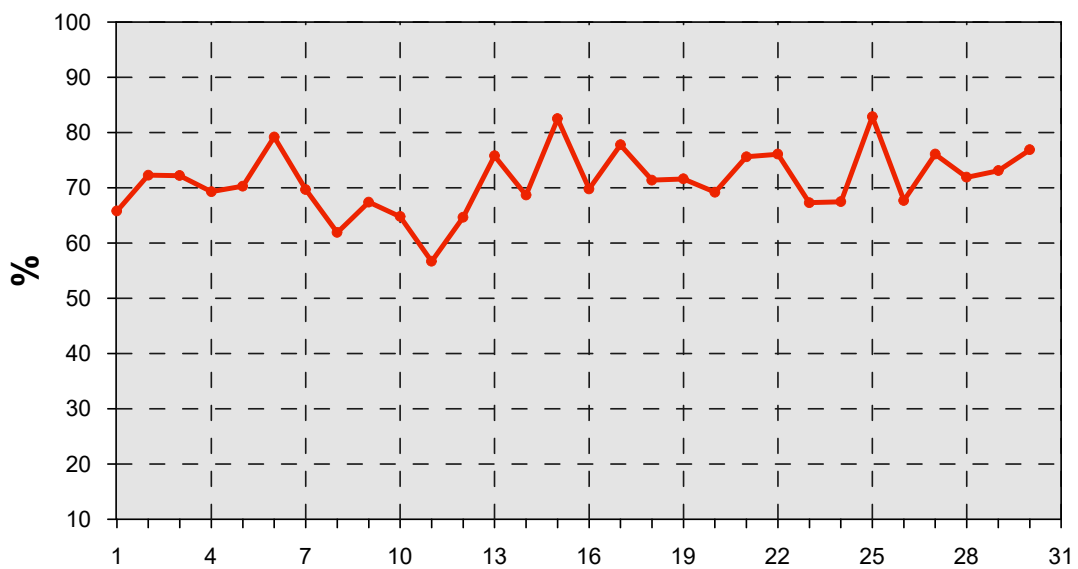
**Humedad relativa media diaria  
Febrero 2020**



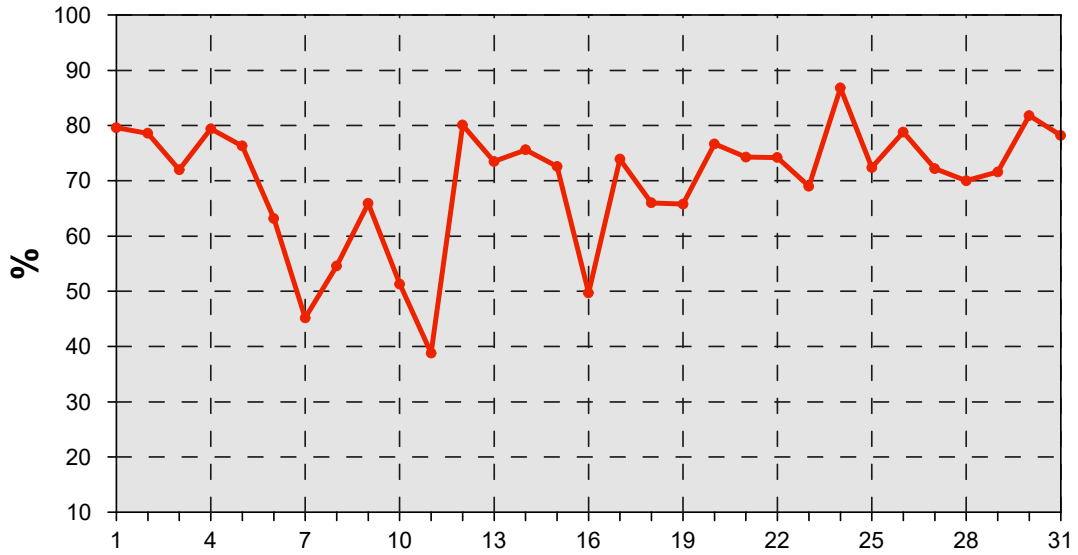
**Humedad relativa media diaria  
Marzo 2020**



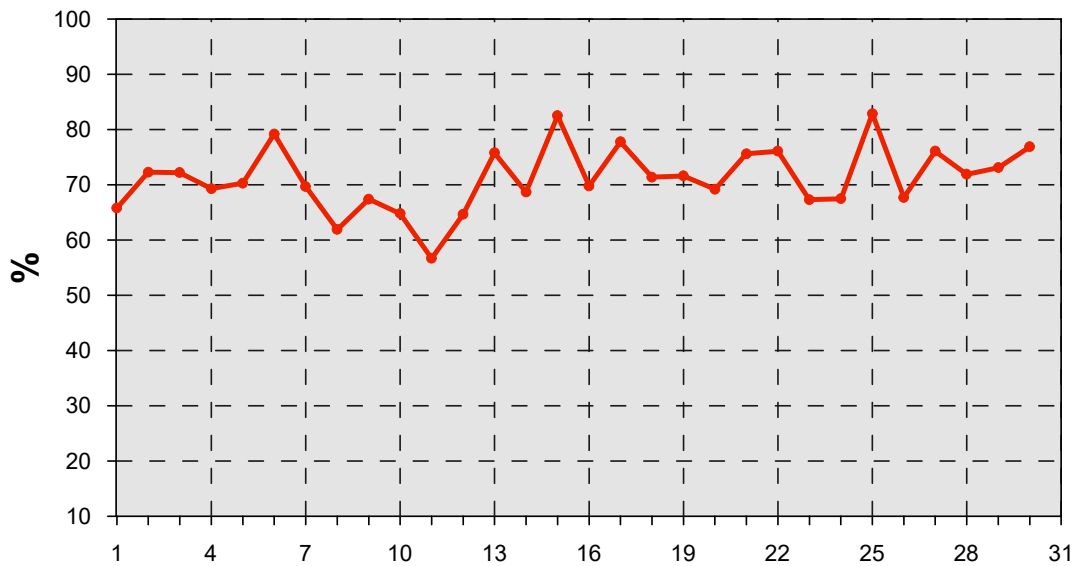
**Humedad relativa media diaria  
Abril 2020**



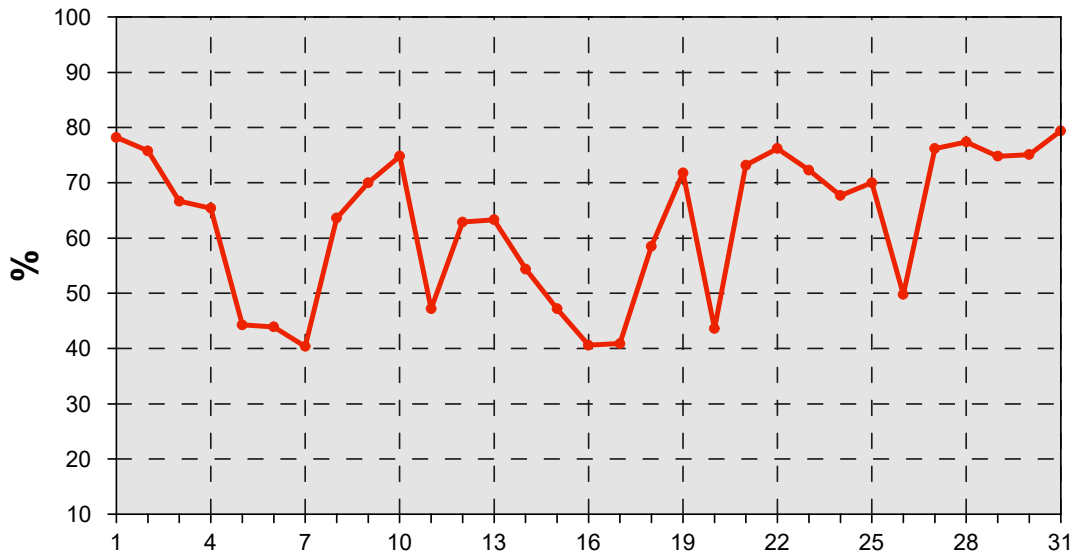
**Humedad relativa media diaria  
Marzo 2020**



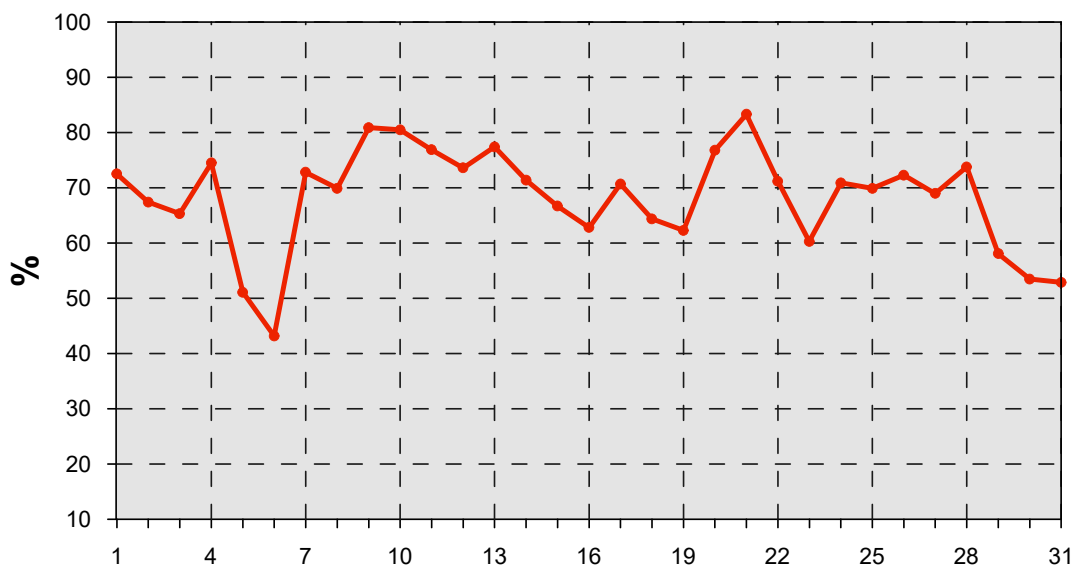
**Humedad relativa media diaria  
Abril 2020**



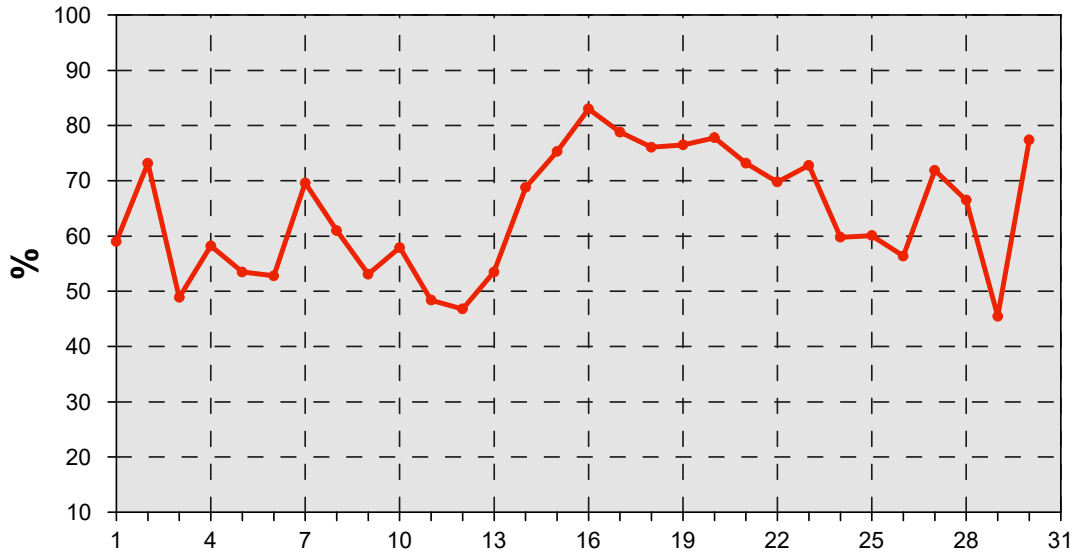
**Humedad relativa media diaria  
Julio 2020**



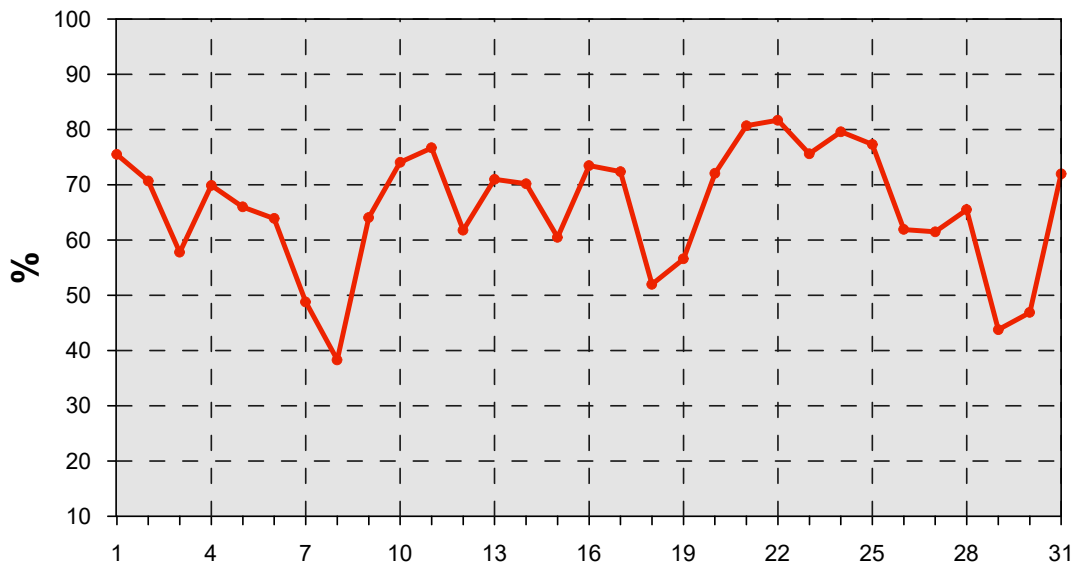
**Humedad relativa media diaria  
Agosto 2020**



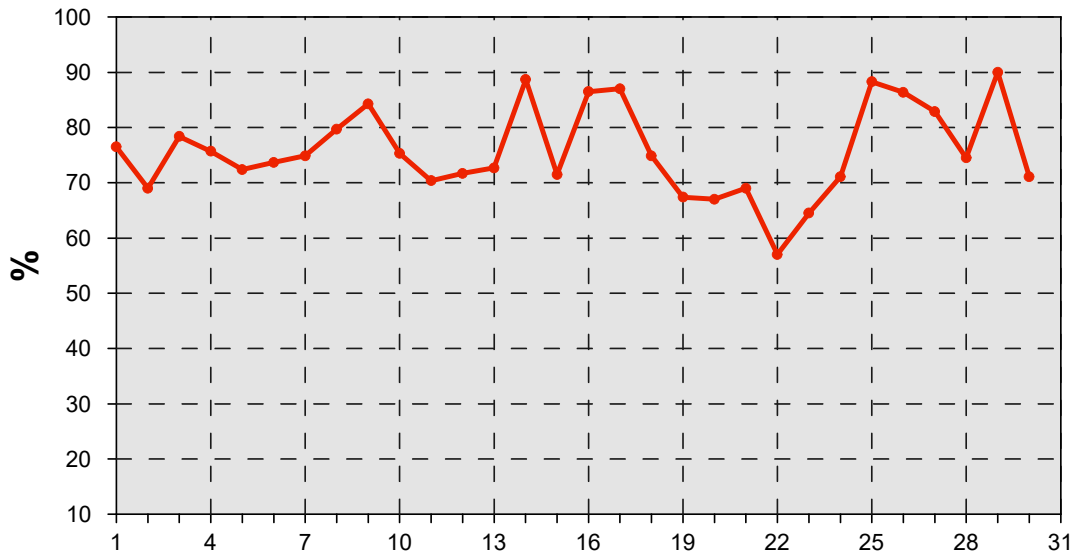
**Humedad relativa media diaria  
Septiembre 2020**



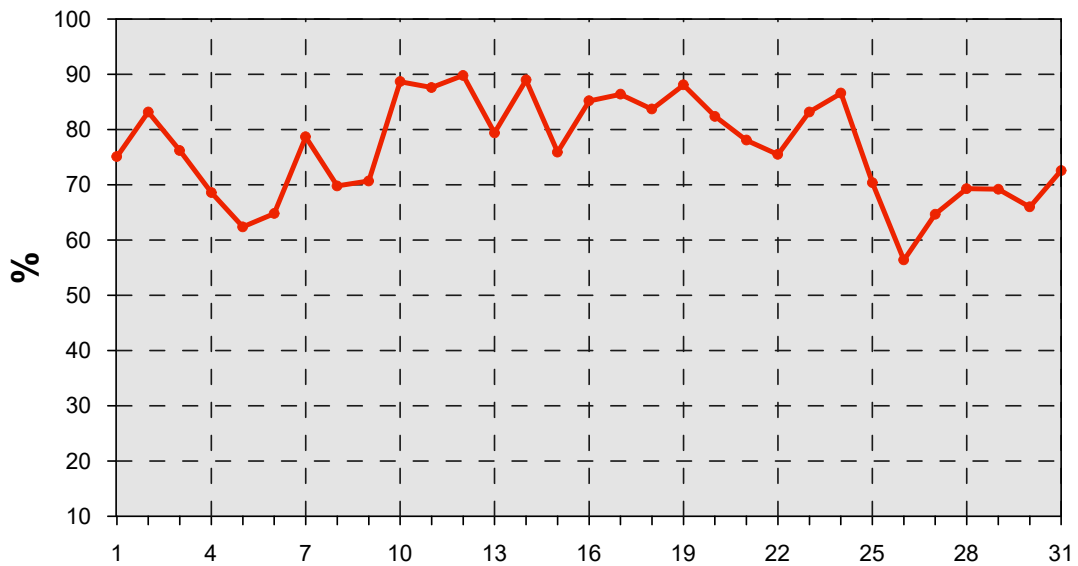
**Humedad relativa media diaria  
Octubre 2020**



**Humedad relativa media diaria  
Noviembre 2020**

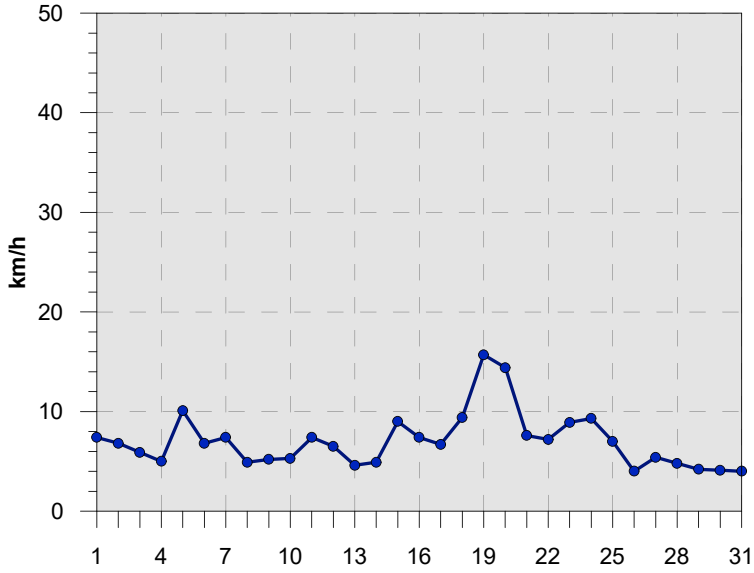


**Humedad relativa media diaria  
Diciembre 2020**

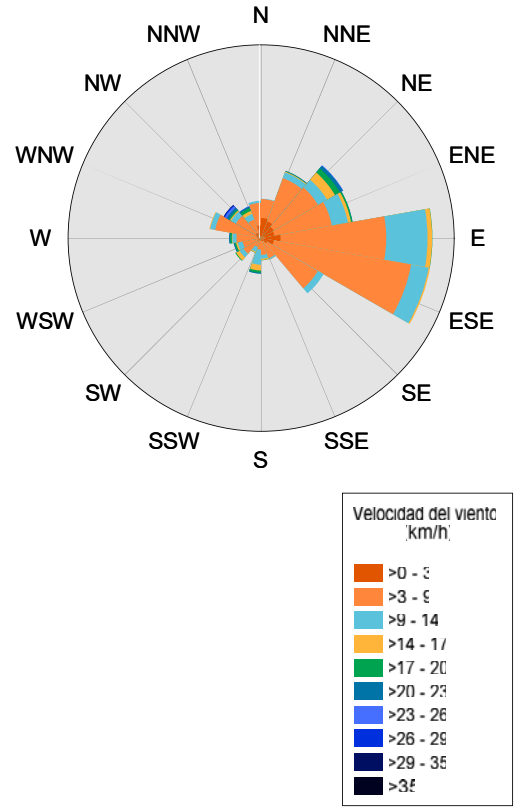




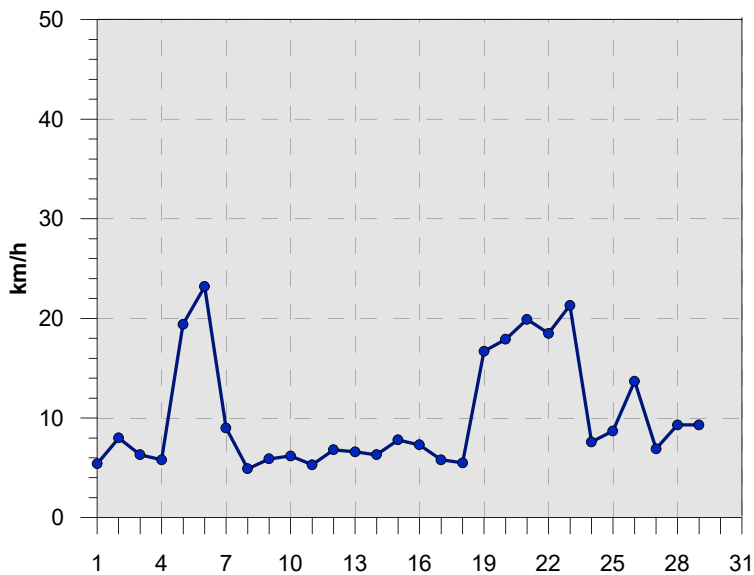
**Velocidad del viento media diaria  
Enero 2020**



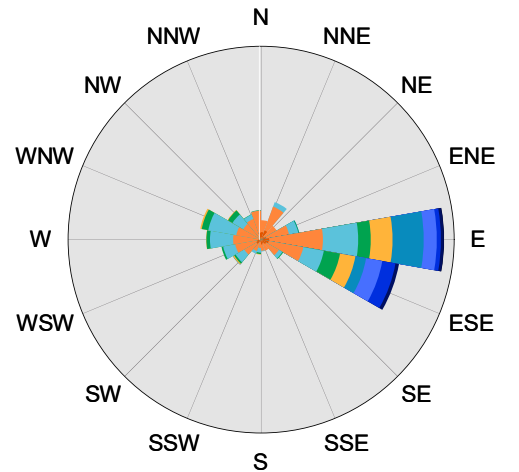
**Rosa de los vientos mensual  
Enero 2020**



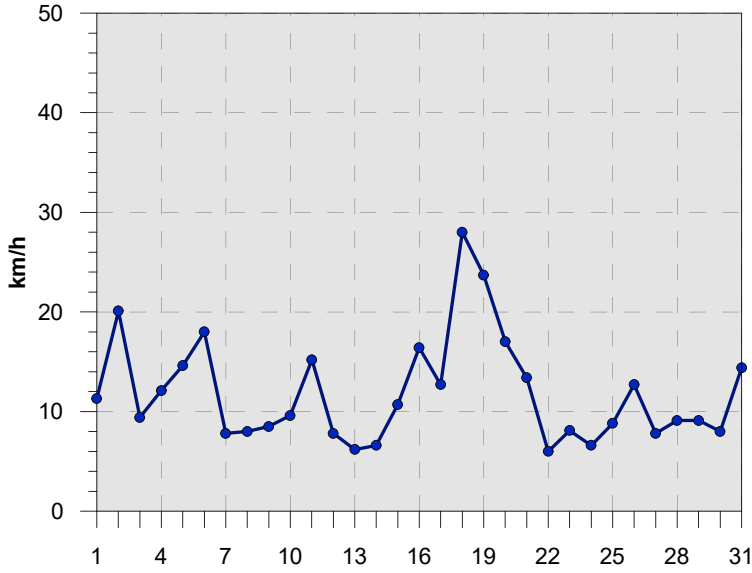
**Velocidad del viento media diaria  
Febrero 2020**



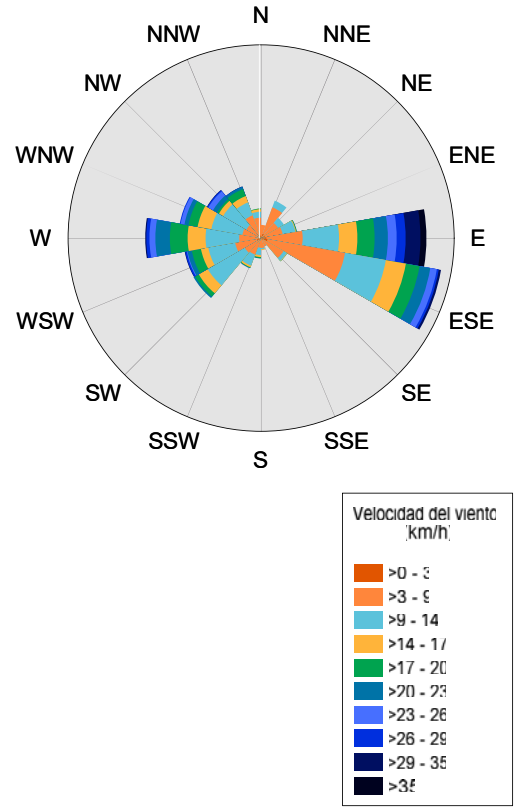
**Rosa de los vientos mensual  
Febrero 2020**



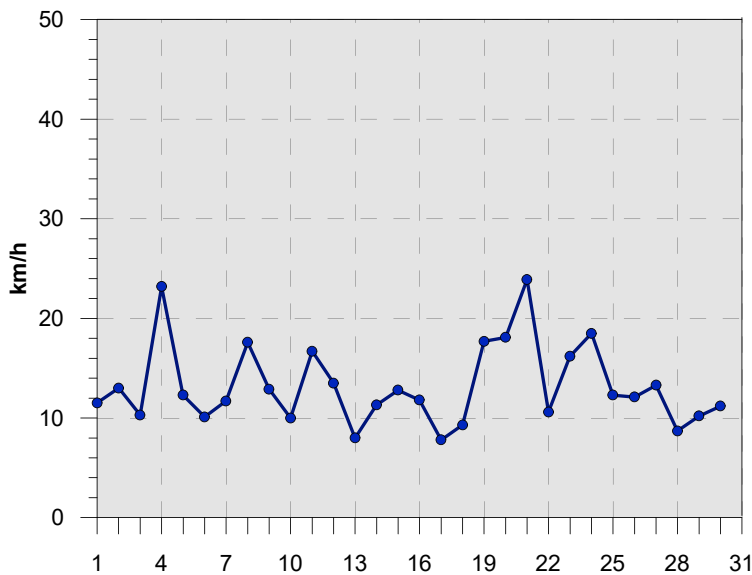
**Velocidad del viento media diaria  
Marzo 2020**



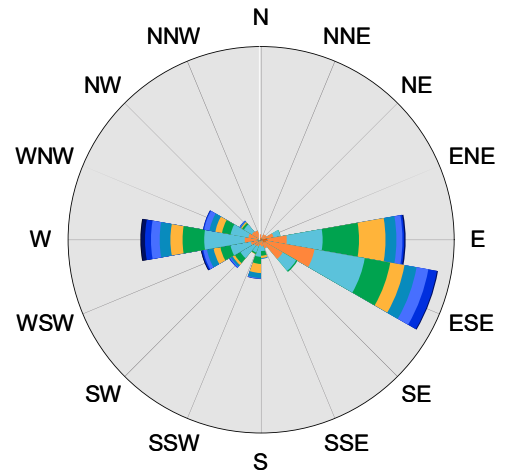
**Rosa de los vientos mensual  
Marzo 2020**



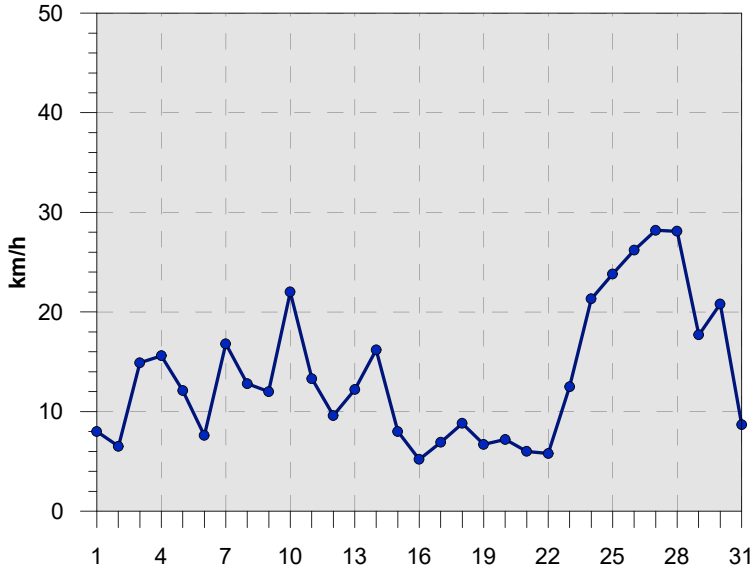
**Velocidad del viento media diaria  
Abril 2020**



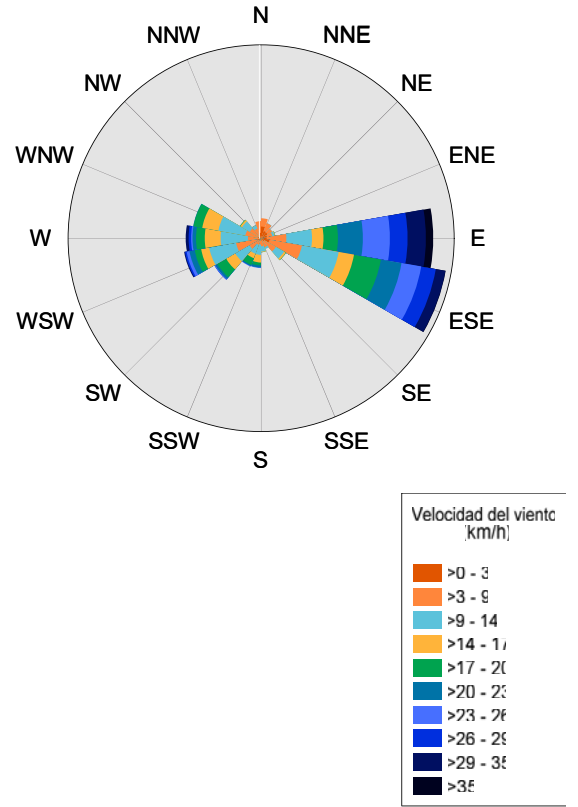
**Rosa de los vientos mensual  
Abril 2020**



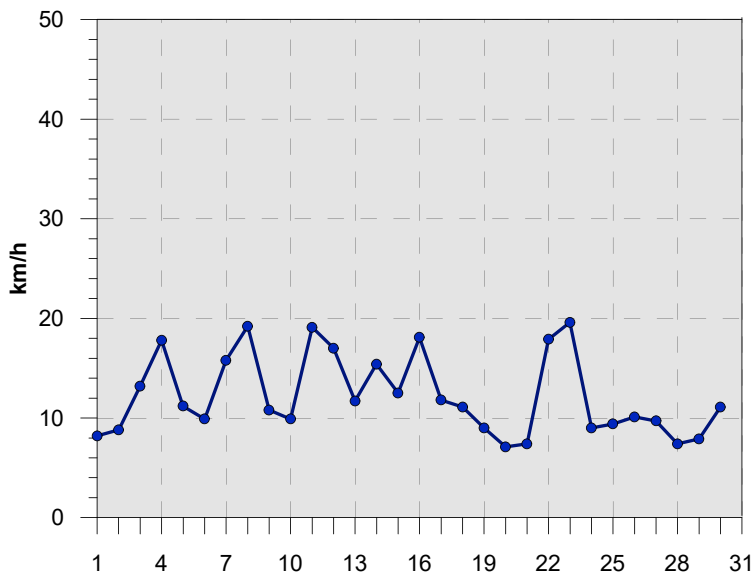
**Velocidad del viento media diaria  
Mayo 2020**



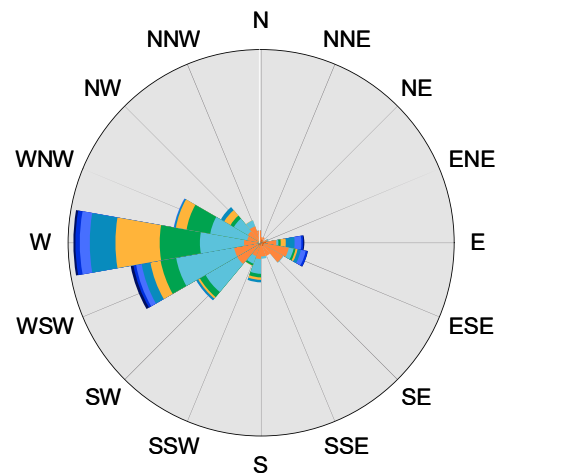
**Rosa de los vientos mensual  
Mayo 2020**



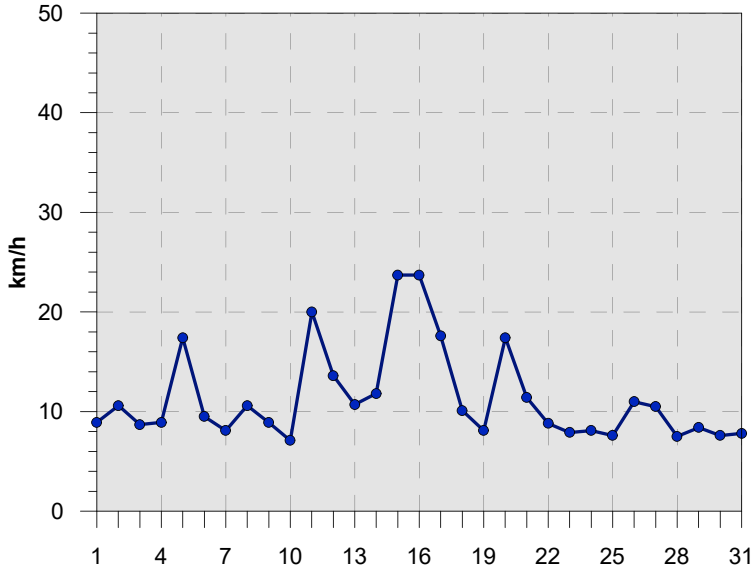
**Velocidad del viento media diaria  
Junio 2020**



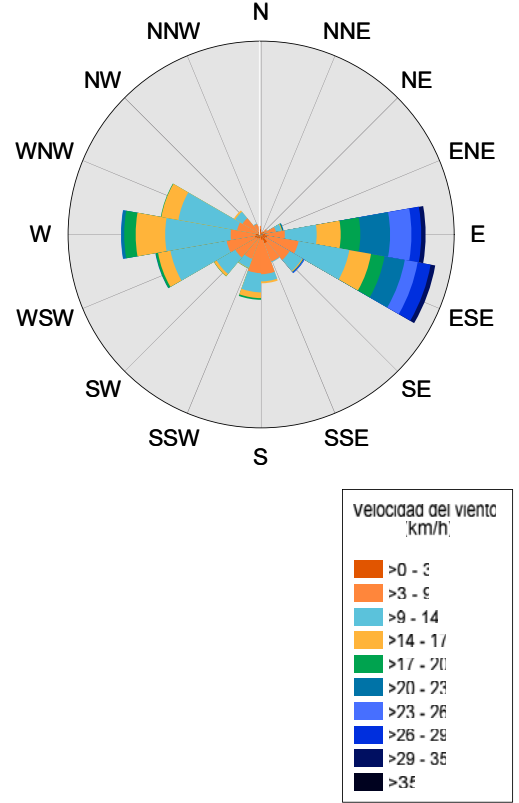
**Rosa de los vientos mensual  
Junio 2020**



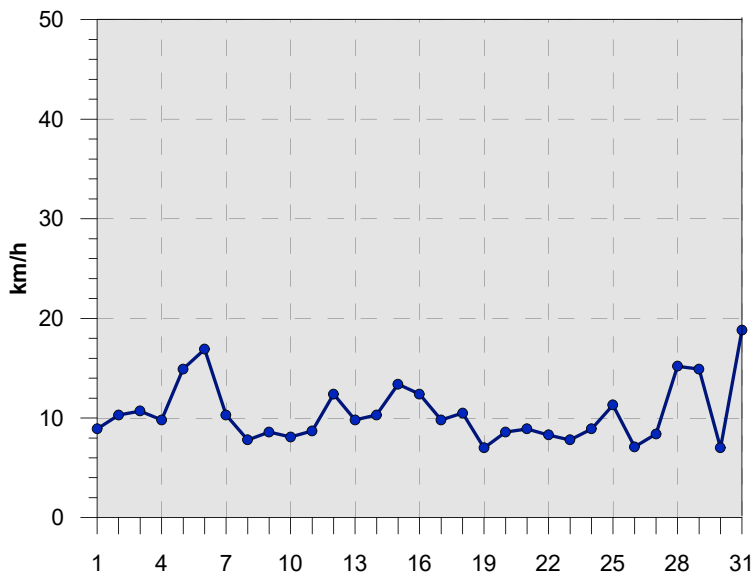
**Velocidad del viento media diaria  
Julio 2020**



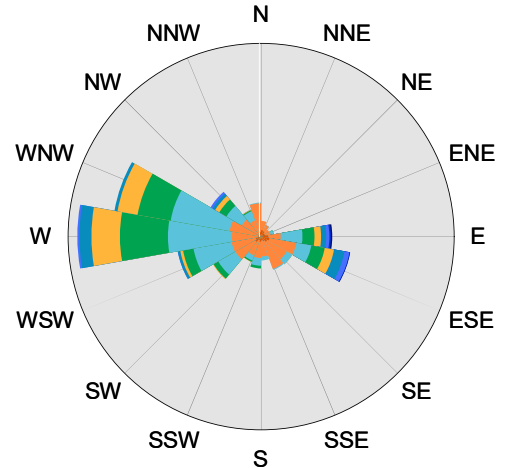
**Rosa de los vientos mensual  
Julio 2020**



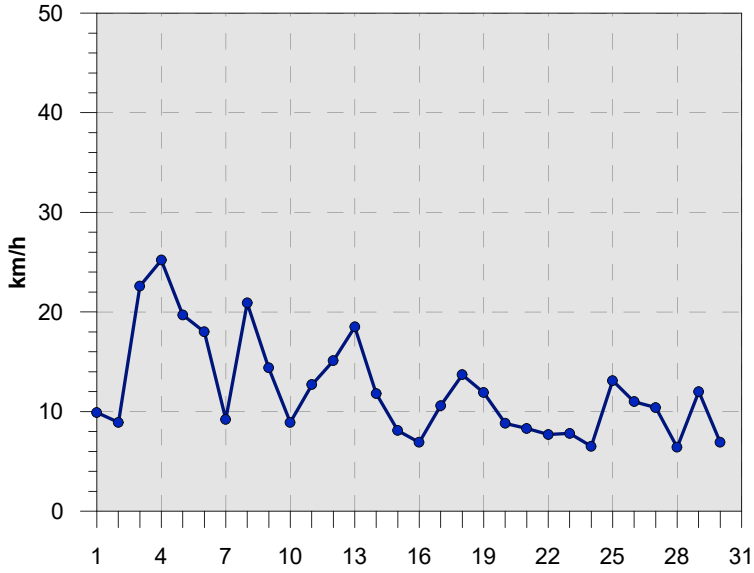
**Velocidad del viento media diaria  
Agosto 2020**



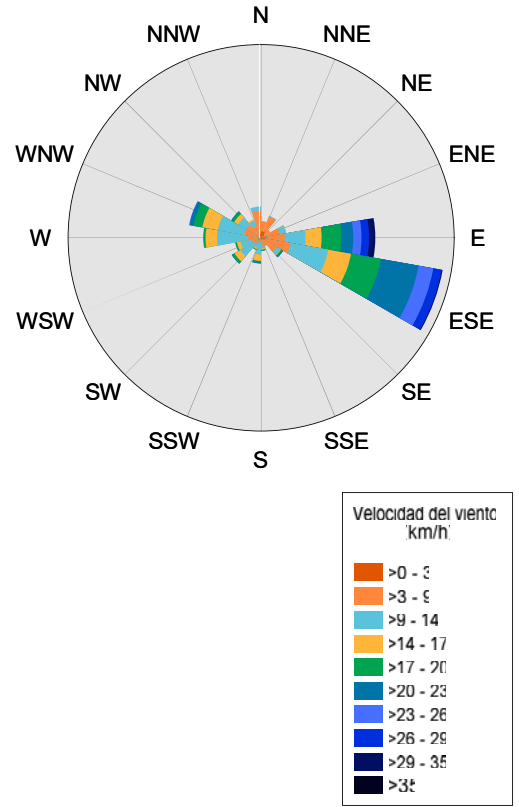
**Rosa de los vientos mensual  
Agosto 2020**



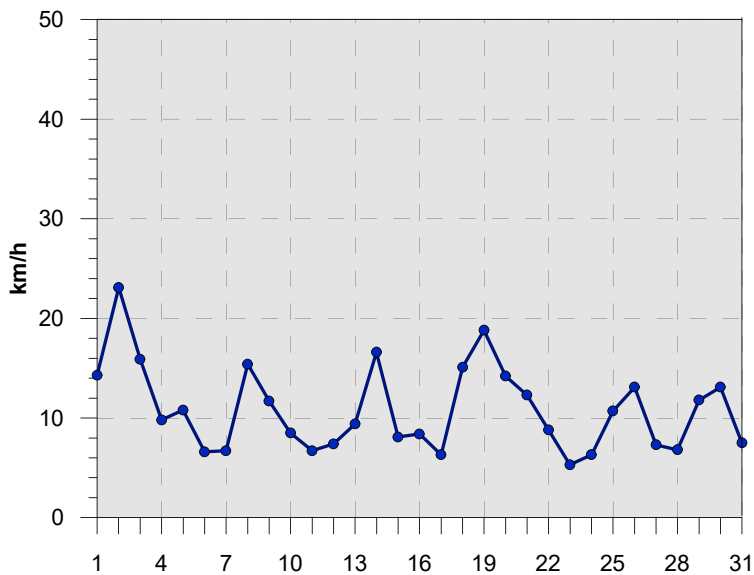
**Velocidad del viento media diaria  
Septiembre 2020**



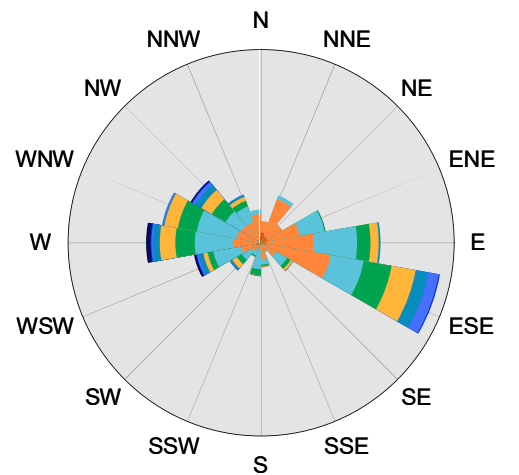
**Rosa de los vientos mensual  
Septiembre 2020**



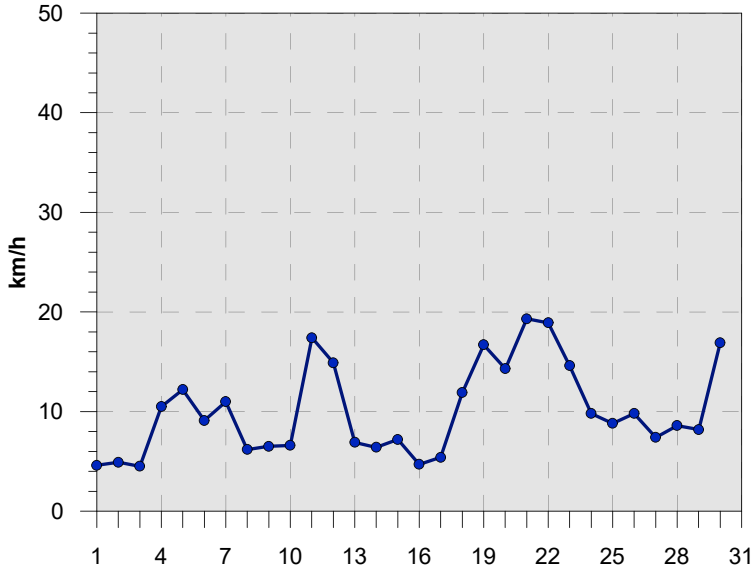
**Velocidad del viento media diaria  
Octubre 2020**



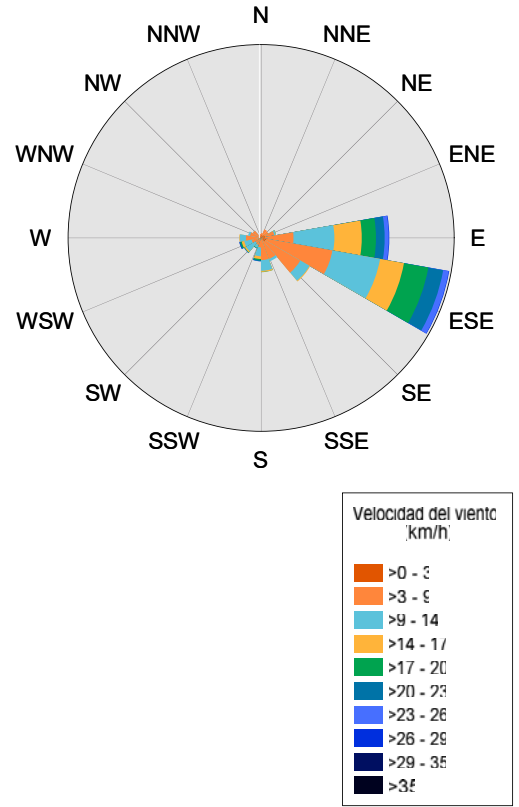
**Rosa de los vientos mensual  
Octubre 2020**



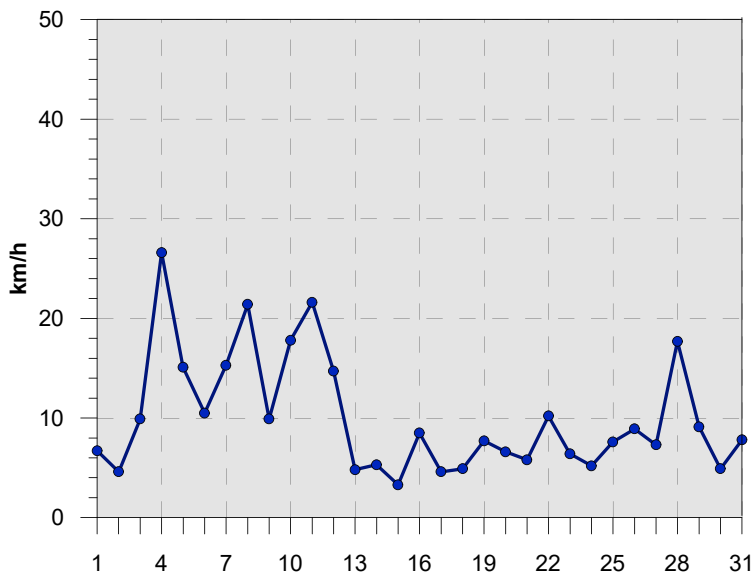
**Velocidad del viento media diaria  
Noviembre 2020**



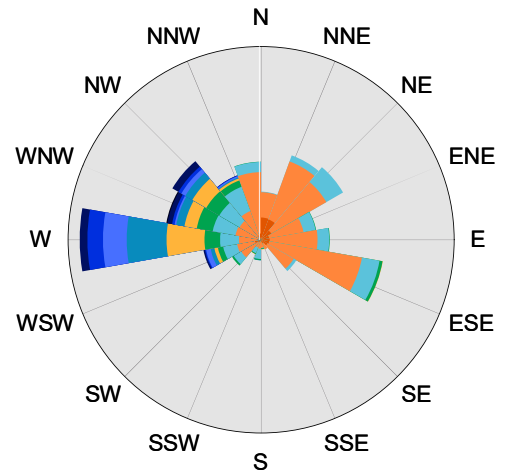
**Rosa de los vientos mensual  
Noviembre 2019**



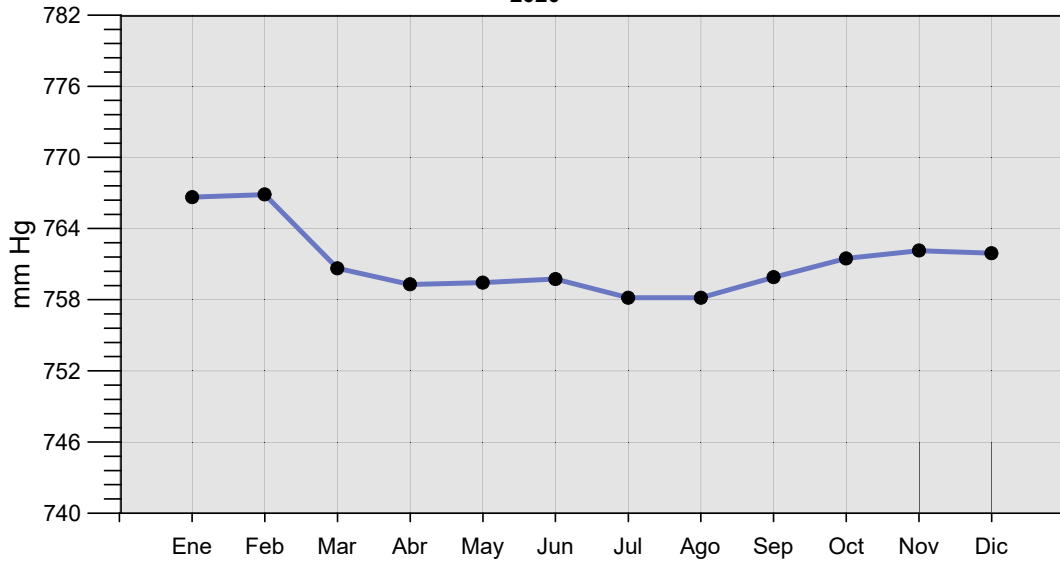
**Velocidad del viento media diaria  
Diciembre 2020**



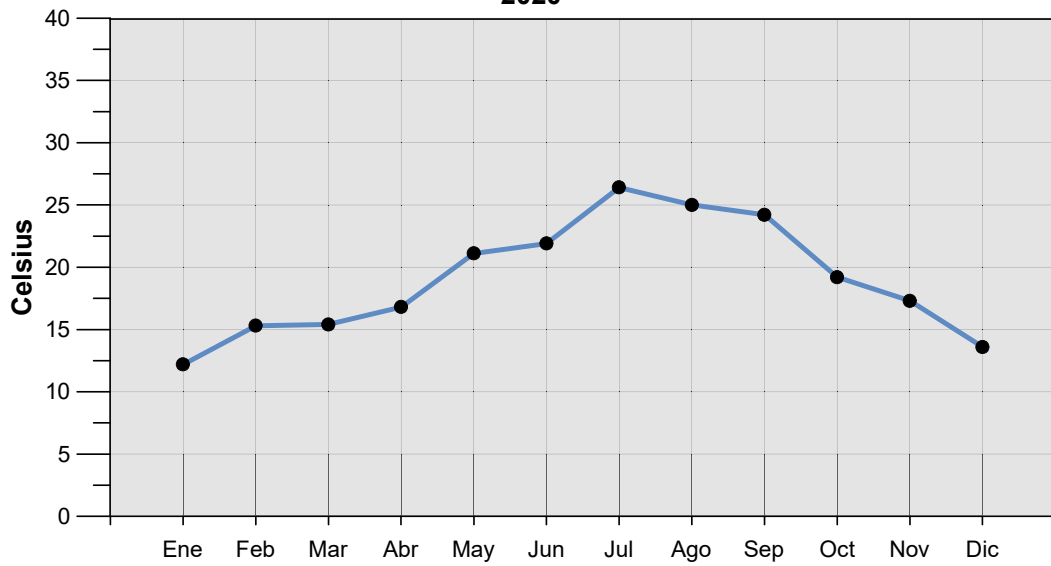
**Rosa de los vientos mensual  
Diciembre 2020**



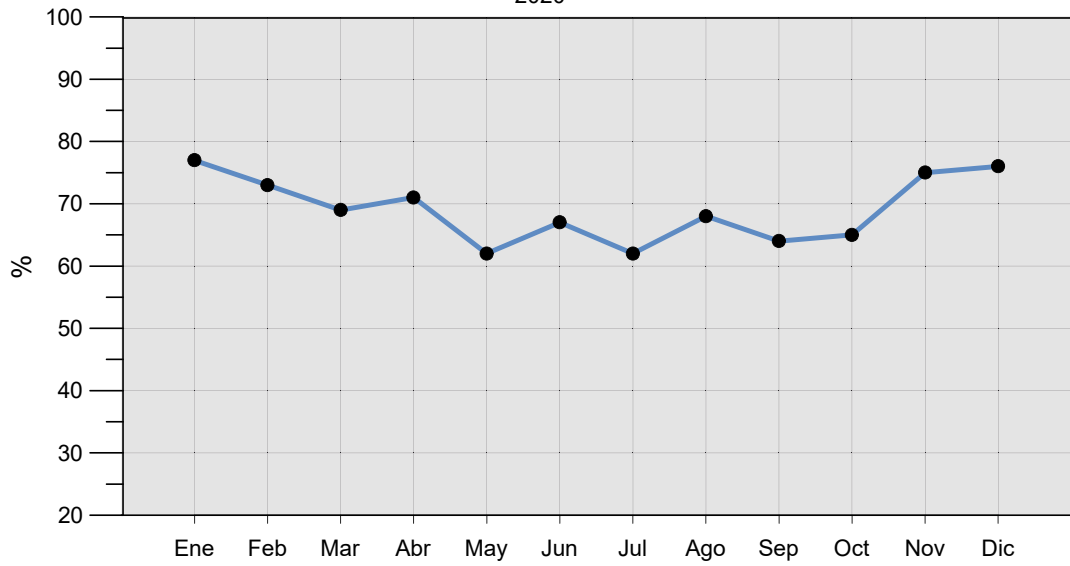
**Presión media mensual  
2020**



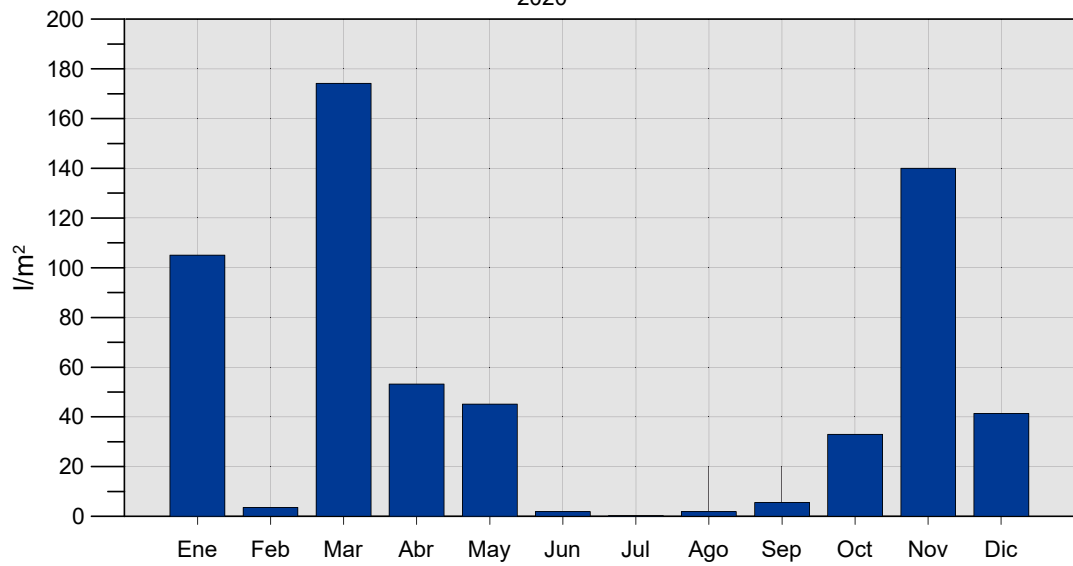
**Temperatura seca media mensual  
2020**



Humedad relativa media mensual  
2020

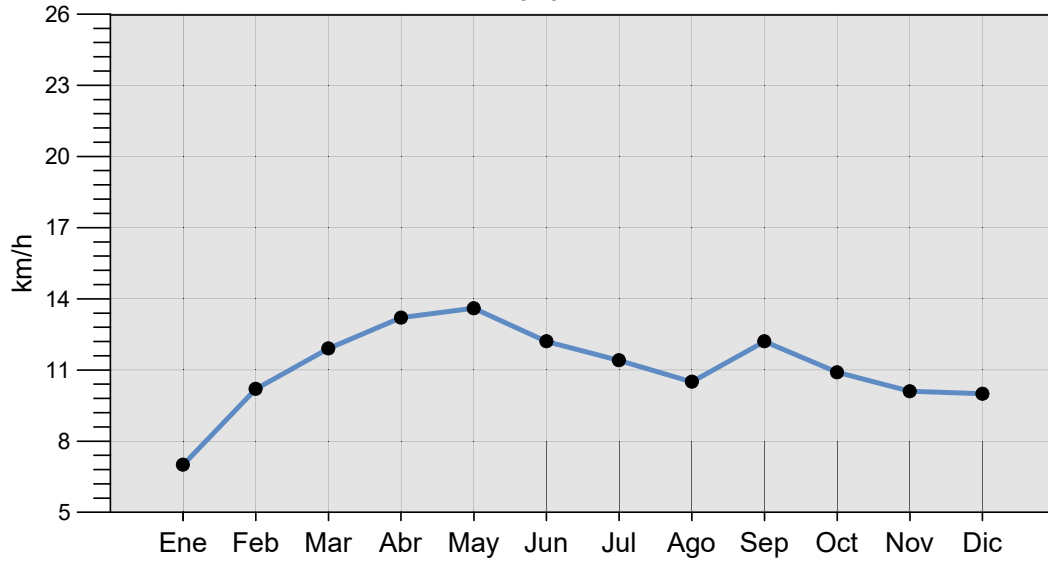


Precipitación total mensual  
2020

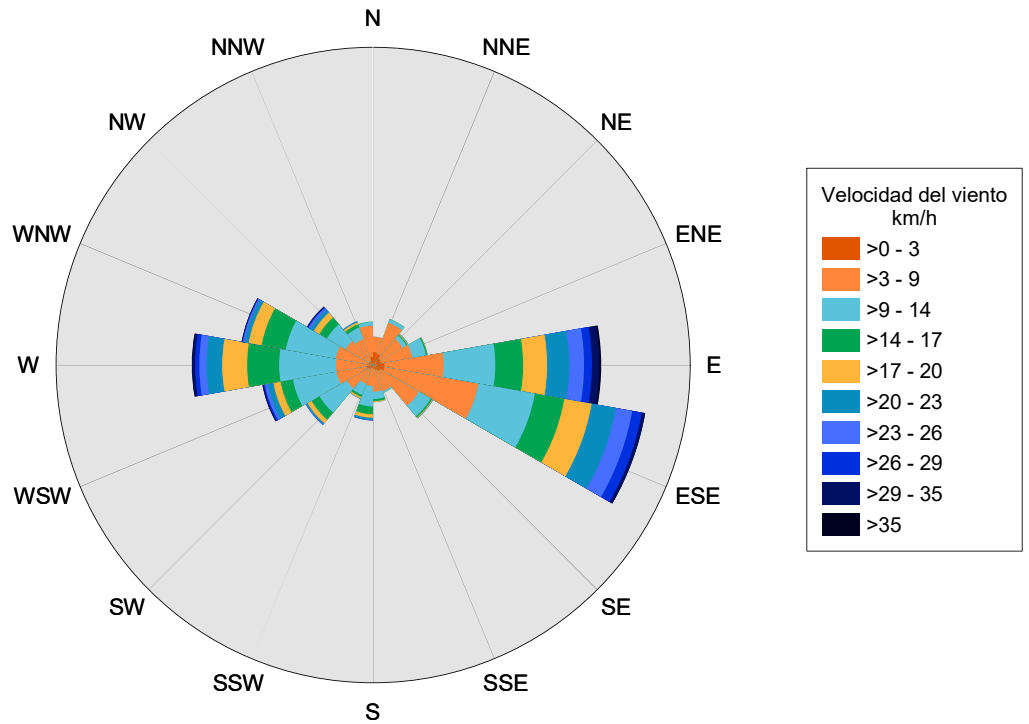




**Velocidad del viento media mensual  
2020**



**Rosa de los vientos  
2020**



TABLAS DE RESÚMENES GENERAL DE DATOS

1870-2020



## RESUMEN GENERAL DE DATOS

Año	BARÓMETRO A 0° C. 700 <sup>mm</sup> +				TEMPERATURA A LA SOMBRA					
	Media	Máxima	Fecha	Mínima	Fecha	Media	Máxima	Fecha	Mínima	Fecha
1870	60.4	72.8	12 Enero	38.4	12 Febrero	18.0	35.7	12 Septiembre	0.2	23 Enero
1871	61.1	75.1	20 Diciembre	47.1	2 Diciembre	17.5	38.0	28 Julio	0.0	14 Enero
1872	60.4	70.8	12 Enero	42.7	1 Diciembre	17.1	37.6	13 Agosto	1.9	19 Diciembre
1873	61.5	72.1	5 Enero	46.9	13 Noviembre	17.5	40.6	11 Julio	1.6	15 Febrero
1874	61.8	71.5	7 Febrero	46.9	1 Diciembre	17.5	36.9	18 Agosto	0.0	19 Diciembre
1875	61.3	74.9	16 Enero	44.4	1 Diciembre	17.2	36.6	26 Agosto	0.5	12 Diciembre
1876	61.0	71.4	18 Enero	45.8	21 Diciembre	17.4	41.2	28 Julio	1.3	9 Enero
1877	62.0	72.9	28 Ene., 7 Feb.	45.8	19 Marzo	17.6	36.2	1 Agosto	2.1	25 Diciembre
1878	61.5	75.5	28 Enero	49.9	29 Marzo	17.2	35.1	28 Agosto	0.5	13 Enero
1879	61.4	74.9	29 Diciembre	41.8	22 Enero	17.0	36.1	10 Agosto	2.0	27 Febrero
1880	61.9	74.8	1 Ene., 9 Dic.	49.8	16 Marzo	16.7	36.2	28 Julio	2.9	4 Enero
1881	60.9	71.6	6 Diciembre	44.9	5 Abril	17.7	40.0	2 Agosto	0.7	3 Enero
1882	62.9	74.0	15 Febrero	48.7	13 Diciembre	16.8	35.8	2 Agosto	2.5	27 Diciembre
1883	61.9	74.4	28 Enero	37.6	12 Enero	16.6	35.8	13 Agosto	1.5	9 Diciembre
1884	61.4	74.0	22 Enero	42.1	27 Diciembre	16.9	38.9	4 Agosto	3.1	28 Diciembre
1885	60.8	71.9	28, 29 Diciembre	47.0	26 Septiembre	16.7	33.7	16, 18 Agosto	0.7	17 Enero
1886	61.1	71.8	31 Enero	48.0	19 Diciembre	17.0	34.3	16 Julio	1.3	8 Febrero
1887	60.7	72.2	5 Febrero	41.6	15 Marzo	17.2	35.7	9 Agosto	0.1	2 Enero
1888	61.3	73.2	9 Enero	44.7	1 Marzo	17.0	33.3	14, 28 Agosto	1.2	31 Enero
1889	62.0	76.0	14 Febrero	42.0	26 Febrero	16.2	32.2	15 Septiembre	1.5	23 Enero
1890	60.5	73.4	7 Enero	45.8	4 Diciembre	16.7	34.7	8 Junio	2.8	29 Noviembre
1891	61.5	74.5	29 Diciembre	44.1	6 Enero	16.8	34.9	15 Agosto	1.5	19 Enero
1892	60.3	74.1	29 Enero	39.6	30 Octubre	17.3	36.6	30 Junio	1.6	30 Diciembre
1893	61.2	73.2	7 Febrero	43.9	12 Enero	17.8	36.5	24 Agosto	2.0	13 Enero
1894	61.7	73.7	3 Febrero	47.5	5 Enero	16.9	37.1	21 Agosto	2.8	8 Ene., 29 Dic.
1895	60.3	69.5	27 Diciembre	37.1	10 Marzo	17.9	36.3	8 Julio	1.9	5 Enero
1896	61.9	73.7	26, 27 Diciembre	47.5	28 Octubre	17.0	39.0	14 Julio	1.8	22 Diciembre
1897	62.1	74.9	21, 24 Febrero	46.8	23 Abril	17.9	34.6	4, 5 Julio	2.0	26 Enero
1898	61.4	76.8	30 Enero	43.6	28 Marzo	17.4	37.6	13 Agosto	4.0	25 Febrero
1899	61.4	75.8	13 Enero	42.4	31 Enero	18.6	39.4	29, 31 Julio	3.6	19 Diciembre
1900	61.5	73.3	18 Enero	43.8	1 Febrero	17.7	34.8	24 Septiembre	1.9	20 Enero
1901	60.5	73.3	4 Marzo	41.2	17 Diciembre	17.2	36.3	5 Agosto	1.0	17 Febrero
1902	61.3	74.2	18 Diciembre	40.4	29 Noviembre	17.4	36.2	9 Julio	1.5	2 Febrero
1903	61.9	77.4	21 Febrero	44.7	30 Noviembre	17.5	37.2	31 Agosto	2.5	4 Diciembre
1904	61.7	73.5	30 Diciembre	48.2	29 Noviembre	17.8	35.0	8 Agosto	1.8	22 Enero
1905	62.4	77.6	28 Enero	45.6	24 Octubre	17.3	36.8	4 Septiembre	0.7	4 Enero
1906	61.9	74.1	13 Diciembre	42.0	25 Marzo	17.4	34.9	27 Agosto	1.0	7 Febrero
1907	61.7	74.2	5 Enero	45.3	7 Febrero	17.4	37.5	12 Agosto	0.4	3 Febrero
1908	62.0	75.2	15 Febrero	50.1	4 Enero	17.6	36.7	11 Agosto	1.5	1 Febrero
1909	61.0	72.9	2 Enero	42.8	1 Marzo	17.2	35.9	14 Agosto	2.4	10 Enero
1910	62.0	78.3	18 Enero	48.4	16 Mayo	17.1	36.0	27 Agosto	2.1	31 Diciembre
1911	62.3	72.8	3 Marzo	41.3	22 Noviembre	17.1	36.9	19 Septiembre	1.4	2 Enero
1912	62.1	74.3	14 Diciembre	43.0	6 Febrero	17.2	34.1	17 Junio	4.1	15 Noviembre
1913	62.4	73.4	8 Febrero	49.3	30 Marzo	17.2	35.1	22 Julio	3.1	31 Diciembre
1914	62.1	74.1	15 Marzo	39.7	21 Noviembre	17.1	35.1	17 Septiembre	1.8	2 Enero
1915	61.3	73.4	5 Enero	40.8	19 Marzo	17.5	37.0	8 Agosto	2.8	20 Enero
1916	61.2	74.3	1 Enero	40.2	11, 12 Marzo	17.3	31.6	11 Agosto	2.2	7 Diciembre
1917	61.0	72.4	17 Marzo	37.3	27 Enero	17.1	36.5	20 Julio	0.3	29 Diciembre
1918	62.2	74.0	11 Diciembre	49.6	2 Enero	17.3	33.7	15 Agosto	2.1	1 Enero
1919	62.0	75.0	17 Noviembre	39.5	5 Noviembre	17.3	36.3	29 Agosto	1.6	25 Enero
1920	61.9	74.2	2 Febrero	47.2	13 Diciembre	17.8	37.0	30 Julio	2.2	10 Marzo
1921	61.9	75.0	29 Diciembre	46.2	1 Diciembre	17.4	36.3	7 Agosto	4.5	6 Febrero
1922	62.1	74.2	10 Enero	45.8	22 Marzo	17.6	37.6	29 Julio	3.2	7 Enero
1923	62.0	73.7	1 Febrero	42.9	21 Abril	17.3	40.6	9 Agosto	1.9	24 Enero
1924	61.2	72.5	22 Diciembre	46.0	15 Enero	17.9	34.3	15 Julio	2.4	29 Febrero
1925	62.4	74.1	19 Enero	47.4	27 Noviembre	17.0	38.3	16 Agosto	3.4	24 Mar., 16 Dic.
1926	62.0	72.8	2 Ene., 28 Feb.	44.5	30 Octubre	18.4	36.0	24 Septiembre	0.0	26 Diciembre
1927	61.9	71.9	10 Enero	40.1	19 Noviembre	17.8	34.7	22 Junio	3.1	20 Enero
1928	62.1	75.8	8, 9 Febrero	49.4	31 Marzo	17.7	37.1	2 Agosto	4.8	1 Enero
1929	61.8	71.4	13 Diciembre	50.0	21 Octubre	18.1	36.4	15 Julio	0.8	5 Enero
1930	61.5	70.7	12 Enero	45.6	28 Noviembre	17.7	37.4	16 Agosto	3.5	20 Febrero
1931	61.6	70.8	17 Enero	45.6	12 Mar., 24 Oct.	17.5	36.5	10 Junio	0.9	16 Enero
1932	60.9	73.6	2 Enero	48.0	1 Marzo	17.2	34.3	11 Agosto	0.1	2 Enero
1933	59.5	73.3	23 Diciembre	43.5	18 Noviembre	17.5	41.3	9 Agosto	0.0	18, 23 Diciembre
1934	60.5	72.3	15 Febrero	46.3	15 Noviembre	17.3	33.6	27 Julio	0.2	4 Febrero
1935	60.2	70.7	2 Febrero	49.2	4 Octubre	17.5	37.4	22 Junio	2.1	10 Febrero
1936	59.3	69.8	31 Diciembre	43.3	2 Marzo	17.5	34.6	21 Agosto	2.8	9 Diciembre
1937	59.5	72.2	5 Enero	48.9	27 Enero	18.0	37.1	20 Julio	4.5	16, 18 Diciembre
1938	60.4	72.5	25 Enero	42.1	11 Diciembre	17.7	39.0	20 Julio	0.1	1 Enero
1939	59.8	71.0	30 Noviembre	46.6	28 Enero	17.4	39.8	10 Julio	2.5	8 Diciembre

# METEOROLÓGICOS ANUALES

HUMEDAD RELATIVA				LLUVIA			VIENTO			Año	
Media	Máxima	Fecha	Mínima	Fecha	Total	Máxima	Fecha	V. M.	Dirección		Fecha
77	100	Varias	16	3 Noviembre	949.6	52.1	11 Febrero	75	ESE	17 Abril	1870
77	100	Varias	15	16 Julio	1236.6	95.8	31 Octubre	81	ESE	2 Marzo	1871
79	100	Varias	22	30 Agosto	1159.9	50.3	25 Diciembre	83	SW	23 Octubre	1872
76	100	Varias	15	25 Septiembre	724.6	58.9	15 Octubre	74	ESE	12 Mayo	1873
77	100	Varias	19	17 Mayo	649.1	53.3	8 Septiembre	71	E	17 Marzo	1874
76	100	Varias	13	23 Junio	662.1	45.9	15 Diciembre	88	ESE	27 Julio	1875
73	100	Varias	16	28 Julio	628.3	41.5	20 Diciembre	108	W	21 Diciembre	1876
73	100	Varias	21	21 Julio	443.2	41.9	3 Enero	89	SSW	3 Enero	1877
72	100	Varias	20	12 Enero	447.6	36.1	18 Octubre	98	ESE	3 Septiembre	1878
74	100	Varias	22	27 Septiembre	843.4	80.8	29 Octubre	64	WNV	11 Febrero	1879
76	100	Varias	22	21 Septiembre	591.1	44.4	6 Octubre	60	ESE	2 Septiembre	1880
73	100	Varias	19	3 Agosto	1182.1	63.5	15 Enero	91	ESE	18 Marzo	1881
70	100	Varias	21	18 Jul., 2 Ago.	388.8	33.4	12 Diciembre	75	SE	10 Abril	1882
74	100	Varias	18	21 Agosto	894.5	77.5	9 Enero	78	E	21 Febrero	1883
76	100	Varias	24	4 Agosto	591.3	41.6	21 Noviembre	71	SE	24 Febrero	1884
76	100	Varias	26	10 Septiembre	705.0	43.7	25 Diciembre	67	ESE	2 Noviembre	1885
74	100	Varias	26	Varias	480.8	33.3	12 Noviembre	60	ESE	5 Julio	1886
71	100	Varias	10	26 Octubre	633.9	65.2	22 Noviembre	72	E	3 Marzo	1887
73	100	Varias	17	28 Agosto	893.9	94.4	16 Diciembre	58	WNV	22 Diciembre	1888
72	100	Varias	26	Varias	418.8	45.6	27 Septiembre	71	NE	16 Agosto	1889
71	100	Varias	18	13 Julio	750.8	61.7	2 Diciembre	73	E	11 Marzo	1890
72	100	Varias	20	4 Agosto	687.7	53.0	13 Septiembre	75	SE	6 Marzo	1891
74	100	Varias	24	20 Mayo	869.0	38.5	21 Febrero	70	E	22 Marzo	1892
73	100	Varias	19	3 Septiembre	527.1	42.3	11 Enero	73	E	7 Abril	1893
74	100	Varias	20	1 Octubre	624.8	67.4	18 Octubre	79	W	6 Enero	1894
74	100	Varias	21	3 Marzo	958.2	66.0	10 Marzo	83	S	10 Marzo	1895
71	100	Varias	15	14 Abril	400.3	31.4	19 Octubre	75	SE	17 Febrero	1896
73	100	Varias	22	10 Abr., 4 Sep.	638.4	67.0	14 Noviembre	68	E	18 Diciembre	1897
73	100	Varias	16	14 Mayo	711.5	98.6	12 Noviembre	84	E	1 Julio	1898
72	100	Varias	20	6 Abril	534.6	63.3	15 Octubre	70	E	27 Junio	1899
72	100	Varias	13	6 Julio	624.6	48.3	21 Octubre	68	E	17 Julio	1900
71	100	Varias	23	Varias	630.1	41.9	16 Octubre	68	E	30 Octubre	1901
74	100	Varias	18	25 Mayo	715.6	53.4	3 Octubre	69	E	16 Enero	1902
68	100	Varias	19	29 Junio	443.2	42.1	14 Marzo	82	E	18 Febrero	1903
70	100	Varias	16	28 Marzo	521.5	63.2	21 Septiembre	69	E	13 Mayo	1904
70	100	Varias	19	30 Mayo	423.2	58.7	25 Octubre	64	E	12 Octubre	1905
75	100	Varias	20	29 Mayo	415.3	87.1	28 Septiembre	80	E	2, 3 Abril	1906
72	100	Varias	11	15 Junio	545.8	44.1	29 Noviembre	69	E	23 Abril	1907
73	100	26 Julio	21	9 Septiembre	448.9	36.3	3 Enero	68	E	7 Febrero	1908
72	99	14 Marzo	21	13 Julio	700.9	81.6	16 Noviembre	70	E	14 Julio	1909
74	100	7 Mar., 9, 10 Nov.	23	1 Abril	460.3	32.1	29 Octubre	70	E	3 Enero	1910
72	100	Varias	19	2 Mayo	568.7	35.4	1 Febrero	69	E	27 Junio	1911
72	99	24 Mar., 4 Nov.	16	10 Mayo	460.7	35.9	23 Enero	70	E	13 Marzo	1912
74	100	Varias	23	4 Junio	568.3	48.1	23 Octubre	70	E	10, 11 Marzo	1913
74	100	Varias	21	9 Julio	522.4	34.1	21 Noviembre	68	E	1 Abril	1914
75	100	Varias	27	2, 28 Julio	712.3	100.2	6 Noviembre	65	S	19 Marzo	1915
73	100	Varias	22	2 Octubre	415.0	31.9	15 Marzo	70	W	4 Febrero	1916
71	100	Varias	9	27 Diciembre	505.1	53.4	22 Diciembre	79	SW	7 Marzo	1917
72	100	Varias	19	6 Julio	412.6	44.9	2 Enero	65	E, SE	30 May., 6 Jul.	1918
73	100	Varias	4	25 Mayo	764.0	72.0	4 Noviembre	67	E	25 Mayo	1919
73	100	Varias	21	6 Septiembre	562.2	85.9	9 Diciembre	75	E	5 Mayo	1920
74	100	Varias	15	12 Agosto	373.3	42.5	12 Febrero	60	E, SW	28 Feb., 1 Dic.	1921
71	100	Varias	16	10 Mayo	464.9	37.5	21 Octubre	70	NW	17 Enero	1922
71	100	Varias	12	10 Agosto	500.9	34.5	27 Noviembre	70	E	28 Septiembre	1923
72	100	Varias	15	16, 28 Junio	617.8	61.0	26 Noviembre	70	SE	8 Agosto	1924
72	100	Varias	17	24 Marzo	474.4	45.0	15 Diciembre	62	E	13 Marzo	1925
70	100	Varias	21	10 Julio	439.2	47.7	22 Octubre	68	SE	2 Abril	1926
73	100	Varias	11	15 Noviembre	562.1	37.6	5 Diciembre	74	W	19 Noviembre	1927
74	100	Varias	14	24 May., 23 Jul.	538.1	34.6	29 Septiembre	77	E	12 Junio	1928
71	100	Varias	13	12 Julio	376.6	49.3	10 Febrero	102	E	18 Abril	1929
73	100	Varias	17	27 Jul., 16 Ago.	711.8	107.5	6 Junio	81	ENE	18 Enero	1930
73	100	Varias	13	11 Junio	483.9	53.3	4 Enero	74	SE	24 Diciembre	1931
73	100	7 Ene., 18 Abr.	22	9, 10 Agosto	608.9	50.1	24 Septiembre	68	E	9 Junio	1932
74	100	30 Diciembre	22	9 Agosto	785.8	76.3	29 Noviembre	70	ESE	10 Marzo	1933
72	100	Varias	20	2 Julio	375.1	48.8	6 Abril	68	E	17 Febrero	1934
72	100	3 Junio	14	27 Octubre	313.0	37.5	28 Diciembre	78	ESE	25, 26 Marzo	1935
75	100	Varias	17	2 Agosto	816.1	56.6	24 Enero	76	ESE	6 Febrero	1936
75	100	Varias	17	30 Junio	608.1	40.0	28 Octubre	73	W, ESE	28 Ene., 17 Oct.	1937
72	100	Varias	15	22 Mayo	410.1	55.0	19 Diciembre	86	ESE	13 Abril	1938
74	100	Varias	16	19 Mar., 25 May.	697.6	62.0	17 Diciembre	81	ESE	27 Mayo	1939

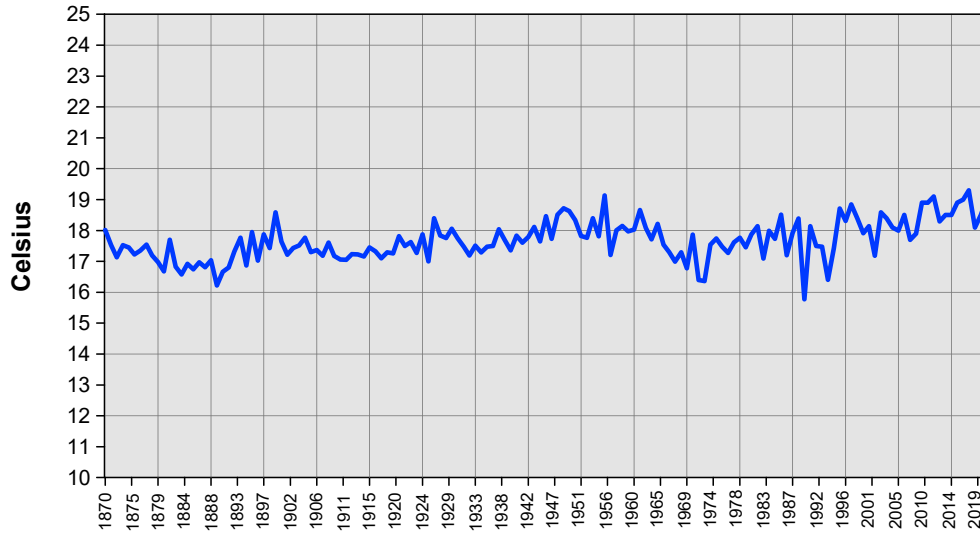
# RESUMEN GENERAL DE DATOS

Año	BARÓMETRO A 0° C. 700mm +					TEMPERATURA A LA SOMBRA				
	Media	Máxima	Fecha	Mínima	Fecha	Media	Máxima	Fecha	Mínima	Fecha
1940	59.8	72.2	29 Diciembre	43.2	1 Febrero	17.8	38.0	5 Agosto	0.8	28 Diciembre
1941	59.6	69.9	6 Diciembre	41.2	15 Febrero	17.6	37.0	17 Agosto	1.6	6 Enero
1942	59.2	70.4	22 Diciembre	43.7	28 Abril	17.8	37.0	15 Julio	0.8	9 Enero
1943	60.4	71.2	2 Febrero	48.5	21 Enero	18.1	37.0	11 Agosto	0.0	4 Enero
1944	61.9	74.5	17 Enero	45.3	27 Febrero	17.6	38.3	31 Julio	0.7	20 Febrero
1945	62.2	74.9	26 Febrero	49.9	17 Noviembre	17.4	41.0	24 Julio	1.5	13 Enero
1946	61.6	72.5	4 Febrero	46.5	28 Febrero	17.7	41.0	5 Agosto	1.4	17 Enero
1947	61.1	73.5	6 Febrero	39.1	30 Noviembre	18.5	38.3	30 Julio	2.2	27 Diciembre
1948	62.3	73.9	Varias	48.1	26 Febrero	18.7	38.6	14, 21 Agosto	3.4	18 Enero
1949	61.9	73.9	8 Febrero	48.2	26 Noviembre	18.6	38.8	3 Julio	1.9	12 Diciembre
1950	61.6	74.1	9 Febrero	41.9	5 Diciembre	18.3	37.6	22 Agosto	0.9	30 Diciembre
1951	61.2	72.2	15 Enero	45.6	9 Noviembre	17.8	38.1	3 Septiembre	2.0	30 Enero
1952	61.9	75.2	8 Enero	43.1	29 Marzo	17.8	39.8	9 Julio	1.5	23 Enero
1953	61.6	70.8	25 Marzo	49.1	17 Diciembre	18.4	38.8	31 Mayo	0.3	10 Enero
1954	61.8	71.1	4, 5 Diciembre	45.6	9 Diciembre	17.8	37.3	25 Julio	1.0	1 Febrero
1955	60.7	72.5	28 Diciembre	44.2	17 Febrero	19.1	36.2	19 Agosto	2.7	11 Marzo
1956	61.7	72.2	2 Marzo	44.0	23 Febrero	17.2	35.5	6 Julio	2.6	11 Febrero
1957	61.7	75.4	19 Diciembre	39.1	11 Diciembre	18.0	39.2	13 Julio	0.4	16 Enero
1958	61.8	70.2	27 Diciembre	32.7	22 Diciembre	18.2	37.9	30 Julio	1.2	27 Febrero
1959	61.8	72.3	10 Febrero	48.9	17 Noviembre	18.0	38.8	7 Julio	3.5	5 Enero
1960	61.1	72.0	29 Diciembre	45.8	7 Diciembre	18.0	35.9	25 Julio	0.1	12 Enero
1961	61.9	72.5	31 Enero	47.6	26 Diciembre	18.7	36.4	9 Julio	3.8	14 Enero
1962	61.5	74.0	16 Febrero	44.6	4 Marzo	18.0	40.0	30 Agosto	2.0	25 Diciembre
1963	60.6	71.0	7 Marzo	43.2	19, 20 Diciembre	17.7	35.5	10 Agosto	1.2	30 Enero
1964	61.7	73.0	23 Enero	48.0	21 Diciembre	18.2	37.5	18 Julio	2.8	27 Diciembre
1965	61.6	74.7	17 Enero	47.0	29 Enero	17.5	38.5	20 Junio	1.0	5 Enero
1966	61.4	72.8	27 Noviembre	45.2	6 Noviembre	17.3	38.2	5 Septiembre	3.1	23 Diciembre
1967	61.7	73.0	20 Febrero	49.2	8 Noviembre	17.0	42.5	19 Julio	0.0	13 Diciembre
1968	60.8	70.6	6 Enero	43.5	15 Noviembre	17.3	36.0	23 Julio	1.2	30 Diciembre
1969	60.2	72.5	11 Abril	45.5	19 Febrero	16.7	33.8	7 Agosto	2.2	2 Diciembre
1970	61.1	72.1	13 Diciembre	43.9	26 Diciembre	17.9	38.2	6 Septiembre	0.6	24 Diciembre
1971	60.6	73.6	20 Diciembre	41.3	3 Abril	16.4	36.6	30 Julio	0.5	2 Enero
1972	60.8	72.6	5 Diciembre	42.3	16 Enero	16.4	33.5	5 Agosto	1.2	24 Enero
1973	61.8	72.8	22 Enero	40.8	20 Diciembre	17.6	37.2	13 Agosto	2.8	4 Diciembre
1974	61.8	74.3	27 Diciembre	45.7	13 Abril	17.7	36.8	29 Julio	5.0	1 Enero
1975	61.6	72.6	27 Enero	36.7	15 Diciembre	17.5	39.0	30 Julio	4.6	22 Enero
1976	61.0	73.4	10 Enero	41.1	5 Febrero	17.3	35.7	13 Agosto	0.8	27 Enero
1977	61.6	71.1	12 Marzo	48.3	29 Noviembre	17.6	33.6	1 Agosto	2.6	7 Enero
1978	61.7	73.6	20 Marzo	44.6	9 Febrero	17.8	38.7	23 Julio	1.5	15 Enero
1979	61.3	73.9	4 Marzo	42.0	11 Febrero	17.4	35.1	12 Agosto	0.5	22 Diciembre
1980	61.4	74.9	31 Diciembre	46.5	16 Enero	17.8	37.6	30 Agosto	1.5	3 Diciembre
1981	61.7	75.3	2 Febrero	47.4	28 Diciembre	18.1	39.0	13 Junio	0.8	12 Enero
1982	61.8	74.8	5 Diciembre	39.8	7 Noviembre	17.1	39.4	19 Agosto	4.0	19 Diciembre
1983	62.2	76.7	27 Enero	47.2	11 Febrero	17.9	37.5	26 Septiembre	0.5	13 Febrero
1984	61.4	73.9	13 Enero	45.6	8 Noviembre	17.7	34.8	2 Agosto	3.0	11 Enero
1985	60.6	72.0	16 Diciembre	45.0	5 Enero	18.5	39.1	4 Agosto	0.1	16 Enero
1986	61.5	76.2	11 Enero	42.0	28 Febrero	17.2	36.0	20 Julio	2.3	25 Diciembre
1987	60.2	75.3	29 Diciembre	41.7	11 Febrero	17.9	38.3	18 Agosto	1.3	18 Enero
1988	60.8	74.1	7, 8 Enero	51.9	14 Octubre	18.9	39.8	2 Agosto	4.6	Varias
1989		NO	ESTA COMPLETO	EL	AÑO					
1990		NO	ESTA COMPLETO	EL	AÑO					
1991	63.5	76.1	18 Diciembre	36.7	7 Marzo	17.5	41.4	11 Julio	0.1	14 Enero
1992	64.1	75.1	3 Enero	49.8	16 Octubre	17.6	37.9	29 Julio	1.3	24 Enero
1993	63.6	81.7	28 Noviembre	51.0	9 Diciembre	16.4	38.1	5 Agosto	1.9	1 Marzo
1994	64.1	75.0	24 Ene., 9 Dic.	46.7	6 Enero	17.4	34.7	11 Julio	2.7	22 Enero
1995	61.4	72.8	9 Enero	42.1	15 Diciembre	18.7	39.6	20 Julio	4.4	3 Enero
1996	59.8	69.8	12 Febrero	43.1	21 Diciembre	18.4	35.5	22 Julio	2.6	23 Febrero
1997	61.0	73.8	13 Febrero	41.9	05 Noviembre	18.9	34.9	13 Agosto	5.2	6 Diciembre
1998	61.3	73.4	22 Febrero	45.3	31 Diciembre	18.4	36.8	22 Agosto	5.1	7 Diciembre
1999	61.3	73.3	3 Febrero	47.3	20 Octubre	17.9	36.9	14 Julio	3.3	15 Febrero
2000	61.6	74.4	07 Febrero	42.0	2 Abril	18.1	37.7	16 Agosto	4.4	25 Enero
2001	61.1	73.1	11 Febrero	48.1	2 Marzo	17.2	35.3	24 Agosto	3.4	11 Noviembre
2002	61.3	72.7	30 Noviembre	41.3	11 Abril	18.6	35.1	26 Julio	6.9	17 Enero
2003	61.2	72.6	14 Enero	45.9	23 Noviembre	18.4	38.5	1 Agosto	2.5	12 Enero
2004	60.9	72.7	28 Diciembre	39.5	21 Febrero	18.1	39.9	24 julio	2.7	28 Diciembre
2005	60.5	75.6	11 Febrero	42	28 Febrero	18	38.20	6 Agosto	0.1	27 Enero
2006	59.5	775.1	31 Diciembre	45.4	18 Marzo	18.5	42	11 Julio	2.9	21 Diciembre
2007	59.6	74.6	1 Enero	52.4	20 Noviembre	17.7	38.3	28 Julio	1.5	27 Enero
2008	58.7	70.3	27 Enero	43.3	31 Octubre	17.9	37	29 Junio	3.1	18 Diciembre
2009	58.8	71.0	22 Noviembre	37.9	1 Febrero	18.9	39.8	21 Junio	1.4	7 Enero
2010	58.5	67.8	15 Noviembre	39.6	16 Febrero	18.9	39.4	26 Agosto	3.6	9 Enero
2011	60.6	73.6	04 Febrero	45	27 Enero	19.1	37.5	27 Junio	4.8	2 Febrero
2012	61.0	75.4	19 Enero	46.7	30 Octubre	18.3	38	26 Junio	0.6	4 Febrero
2013	60.8	73.9	05 Enero	42.2	04 Marzo	18.5	37.5	10 Julio	5.2	26 Febrero
2014	60.2	70.9	27 Febrero	37	04 Noviembre	18.5	36.2	16 Julio	5.8	30 Diciembre
2015	61.9	76.2	09 Enero	50.7	24 Marzo	18.9	38.2	17 Julio	4.8	1 Enero
2016	61	73	23 Diciembre	48.8	08 Mayo	19	37.3	09 Julio	4.6	24 Enero
2017	61.2	75.9	22 Diciembre	43.8	12 Mayo	19.3	39.3	24 Diciembre	2	19 Enero
2018	60.3	73.5	02 Diciembre	44.4	01 Mayo	18.1	39.7	03 Diciembre	3.9	5 Enero
2019	61.0	70.8	05 Enero	49.2	16 Diciembre	18.5	37.1	19 Julio	4	4 Febrero
2020	62.1	69.1	11 Enero	52.3	31 Marzo	19	38.1	20 Julio	4.8	27 Diciembre

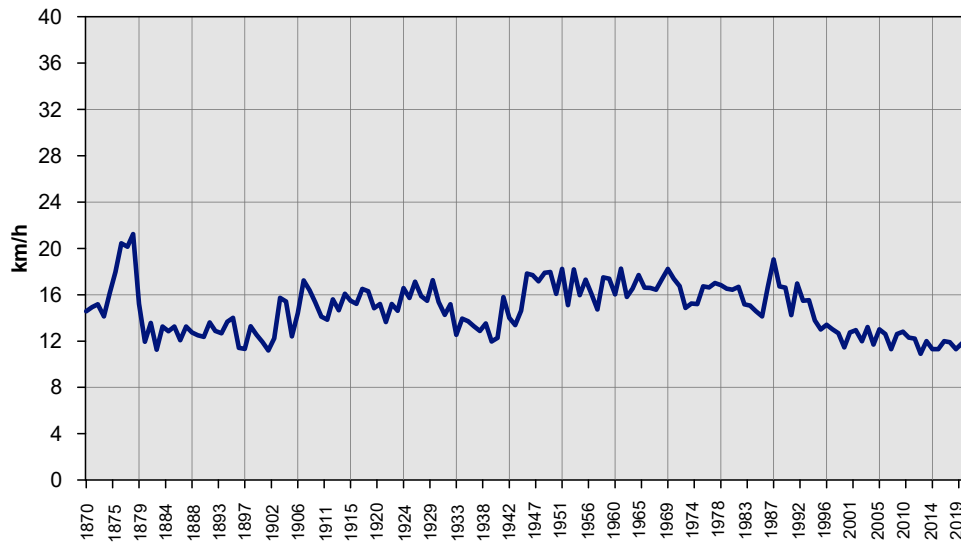
# METEOROLÓGICOS ANUALES

HUMEDAD RELATIVA				LLUVIA			VIENTO			Año	
Media	Máxima	Fecha	Mínima	Fecha	Total	Máxima	Fecha	V. M.	Dirección		Fecha
75	100	Varias	18	31 Mayo	625.4	46.8	1 Febrero	76	ESE	22 Febrero	1940
77	100	Varias	16	5 Noviembre	717.3	54.5	13 Enero	97	W	2 Enero	1941
78	100	Varias	21	3 Junio	738.9	47.3	21 Febrero	74	ESE	20 Marzo	1942
76	100	Varias	19	18 Junio	387.3	35.0	24 Marzo	86	ESE	14 Abril	1943
73	100	Varias	19	12 Febrero	435.9	50.3	29 Agosto	73	ESE	26 Marzo	1944
73	100	Varias	19	2 Junio	474.5	48.3	19 Noviembre	86	ESE	14 Junio	1945
73	100	Varias	17	3, 4 Agt.	639.5	48.8	28 Febrero	98	ESE	23 Julio	1946
77	100	Varias	21	29 Abr., 26 May.	667.4	50.0	7 Enero	92	SSW	30 Noviembre	1947
77	100	Varias	19	6 Septiembre	579.6	35.3	27 Enero	97	WNW	23 Enero	1948
75	100	Varias	20	5 Junio	524.0	90.9	30 Septiembre	95	ESE	10 Abril	1949
77	100	Varias	21	5 Mayo	386.3	40.8	28 Diciembre	85	ESE	29 Mayo	1950
77	100	Varias	21	14 Junio	580.5	33.7	31 Octubre	80	ESE	17 Abril	1951
77	100	Varias	20	6 Marzo	509.9	65.0	19 Octubre	112	ESE	21 Febrero	1952
73	100	26 Julio	15	12 Marzo	493.9	60.6	8 Diciembre	95	SE	17 Diciembre	1953
72	99	14 Marzo	17	8 Octubre	325.7	35.2	3 Febrero	84	SSW	4 Marzo	1954
75	100	Varias	26	19 Agosto	999.0	83.6	30 Octubre	99	WSW	9 Marzo	1955
76	100	Varias	22	29 Agosto	515.9	35.4	25 Septiembre	87	ESE	16 Febrero	1956
75	100	Varias	21	29 Jun., 2 Agt.	520.5	40.9	6 Noviembre	93	E	28 Septiembre	1957
74	100	Varias	19	18 Mayo	655.5	60.1	22 Diciembre	145		22 Diciembre	1958
75	100	Varias	17	2 Mayo	487.4	39.4	17 Noviembre	93	ESE	15 Marzo	1959
75	100	Varias	18	4 Marzo	928.8	140.5	28 Octubre	100	ESE	22 Marzo	1960
75	100	Varias	24	12 Mayo	893.3	82.8	21 Noviembre	93	ESE	13 Mayo	1961
77	100	Varias	24	23 Mayo	837.5	72.8	27 Diciembre	83	SSW	29 Diciembre	1962
78	100	Varias	23	28 Septiembre	969.3	53.3	3 Noviembre	108	ESE	24 Enero	1963
74	100	Varias	18	25, 26 Octubre	524.9	43.0	7 Noviembre	90	ESE	30 Agosto	1964
77	100	10 Marzo	14	3 Septiembre	622.5	49.9	8 Octubre	100	ESE	28 Marzo	1965
79	100	Varias	16	21 Abr., 8 May.	455.2	34.8	16 Febrero	87	ESE	27 Junio	1966
74	100	Varias	1	18 Julio	474.9	51.3	24 Octubre	102	ESE	14 Marzo	1967
82	100	Varias	20	24 Septiembre	496.7	39.8	1 Marzo	91	ESE	21 Agosto	1968
81	100	Varias	16	26 Junio	933.5	72.5	9 Noviembre	97	W	14 Enero	1969
79	100	Varias	5	5 Noviembre	638.8	47.3	3 Enero	87	ESE	26 Noviembre	1970
82	100	Varias	14	20 Junio	556.0	43.5	6 Mayo	102	ESE	11 Marzo	1971
83	100	Varias	14	17 Abril	777.4	55.7	8 Diciembre	92	WNW	16 Enero	1972
79	100	31 Agosto	4	24 Septiembre	414.6	49.9	19 Diciembre	96	ESE	28 Febrero	1973
79	100	Varias	13	10 Jul., 31 Oct.	348.6	36.4	12 Abril	90	E	8 Abril	1974
75	100	Varias	11	30 Julio	604.5	100.3	15 Enero	111	ESE	27 Febrero	1975
75	100	Varias	18	14 Julio	767.7	34.4	29 Diciembre	86	ESE	27 Febrero	1976
76	100	4 Feb., 2 Nov.	6	29 Agosto	643.3	50.0	30 Junio	105	W	28 Enero	1977
71	100	19 Abril	2	23 Agosto	473.9	55.0	11 Octubre	100	ESE	11 Octubre	1978
69	100	Varias	3	16 Agosto	516.0	44.4	9 Octubre	102	ESE	6 Enero	1979
67	100	Varias	3	19 Julio	454.9	53.0	16 Enero	98	ESE	10 Diciembre	1980
73	100	Varias	7	29 Jul., 3 Dic.	329.8	24.0	21 Diciembre	97	ESE	31 Enero	1981
73	100	Varias	9	28 Junio	517.9	87.2	7 Noviembre	95	WSW	26 Noviembre	1982
69	100	Varias	3	26 Septiembre	523.0	62.5	3 Noviembre	118	ESE	15 Abril	1983
69	100	Varias	3	19 Septiembre	556.0	56.7	7 Noviembre	95	ESE	21 Abril	1984
67	99	Varias	10	24 Julio	512.4	31.0	25 Abril	88	ESE	10 Septiembre	1985
69	100	Varias	18	17 Julio	400.4	45.2	14 Noviembre	94	ESE	28 Feb., 31 Mayo	1986
73	100	Varias	19	30 Marzo	605.8	50.1	3 Diciembre	112	ESE	15 Abril	1987
73	100	Varias	17	7 Septiembre	399.0	42.6	14 Octubre	96	SW	22 Julio	1988
	NO	ESTA COMPLETO	EL	AÑO	758.9	55.0	7 Diciembre				1989
	NO	ESTA COMPLETO	EL	AÑO	353.7	49.2	19 Diciembre				1990
	NO	ESTA COMPLETO	EL	AÑO	423.9	40.2	10 Octubre	105	ESE	26 Mayo	1991
	NO	ESTA COMPLETO	EL	AÑO	332.5	30.8	15 Junio	127	N	24 Junio	1992
	NO	ESTA COMPLETO	EL	AÑO	408.4	48.3	4 Mayo	97	WNW	1 Marzo	1993
77	100	Varias	30	26 Agosto	233.1	25.2	13 Mayo	108	WSW	6 Enero	1994
72	96	Varias	23	16 Julio	439.7	44.2	10 Febrero	104	ESE	31 Marzo	1995
77	99	Varias	28	28 May., 28 Sep., 6 Oct.	1071.5	65.3	21 Diciembre	113	NNW	21 Octubre	1996
73	99	Varias	23	25 Mar., 5 Julio	599.2	67.4	17 Diciembre	108	WNW	5 Noviembre	1997
75	99	Varias	25	6 Marzo	274.1	17.0	6 Febrero	102	NW	20 Junio	1998
81	99	Varias	23	31 Enero	325.3	30.2	20 Octubre	105	ESE	23 Marzo	1999
82	99	Varias	24	8 Septiembre	529.1	41.3	20 Diciembre	120	ESE	8 Abril	2000
80	99	Varias	23	20 Julio	376.9	35.9	20 Octubre	101	ESE	11 Octubre	2001
76	99	Varias	11	4 Mayo	558.2	60.7	19 Noviembre	103	W	24 Noviembre	2002
77	99	Varias	27	25 May., 18 Junio	729.1	53.5	30 Septiembre	121	ENE	16 Marzo	2003
78	100	Varias	26	13 Junio	362.2	49.5	2 Diciembre	97.2	N	11 Junio	2004
75	99	Varias	22	6 Agosto	311.9	60.6	28 Febrero	115.6	ESE	17 Marzo	2005
78	99	Varias	23	5 Junio	630.3	58.8	16 Junio	99	SW	25 Octubre	2006
80	99	Varias	25	9 Marzo	407.4	62.9	25 Agosto	100.1	ESE	19 Diciembre	2007
75	99	Varias	22	25 Junio	621.4	127.8	11 Octubre	110.5	ESE	11 Octubre	2008
70	99	Varias	25	12 Junio	619	72.7	29 Noviembre	114.5	ESE	17 Marzo	2009
72	99	Varias	25	9 Agosto	870.3	66.5	6 Marzo	93.2	ESE	31 Mayo	2010
72	99	Varias	47	24 Mayo	483.5	61.2	8 Marzo	90.4	ESE	16 Febrero	2011
72	99	Varias	24	2 Julio	540.4	65.3	27 Septiembre	96.1	ESE	28 Marzo	2012
71	99	Varias	25	22 Junio	526.6	43.2	05 Abril	99.7	W	19 Enero	2013
76	99	varias	41	6 Mayo	569.2	46.7	27 Noviembre	105.5	ESE	19 Enero	2014
74	98	20 Marzo	37	27 Junio	445.8	49.6	18 Enero	87.5	SW	14 Abril	2015
72	95	21 Enero	38	03 Mayo	588.8	78.2	04 Diciembre	87.8	SW	16 Julio	2016
66	99	Varias	22	24 Junio	310.6	32.2	10 Mayo	117.4	ESE	20 Abril	2017
72	96	20 Enero	35	4 Octubre	650.9	34.6	2 Marzo	87.1	W	1 Marzo	2018
70	91	21 Diciembre	25	2 Junio	225.2	21.7	19 Enero	77	Sw	30 Mayo	2019
69	92	Varias	36	23 Mayo	605.2	68.5	17 Marzo	94	Sw	18 Marzo	2020

### Temperatura seca medias anuales 1870 - 2020

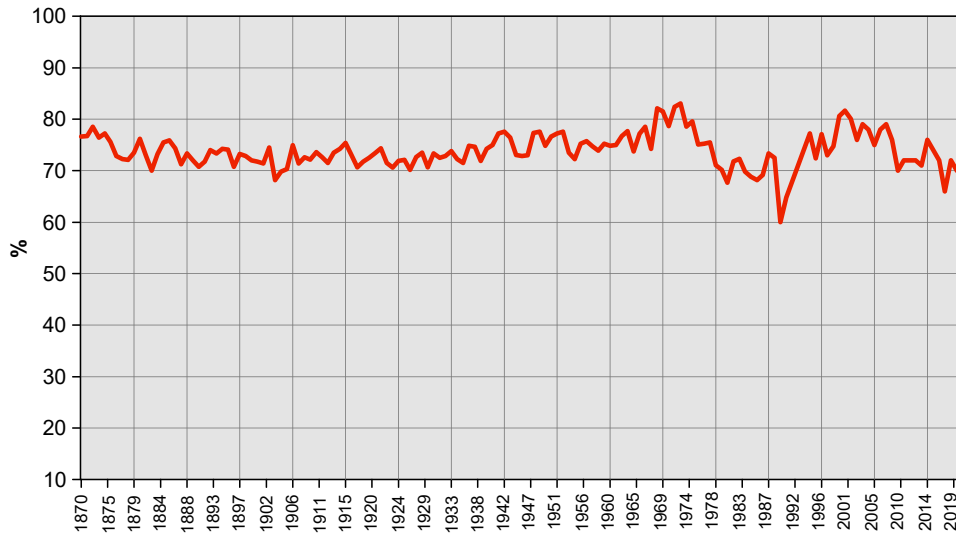


### Velocidad del viento medias anuales 1870 - 2020

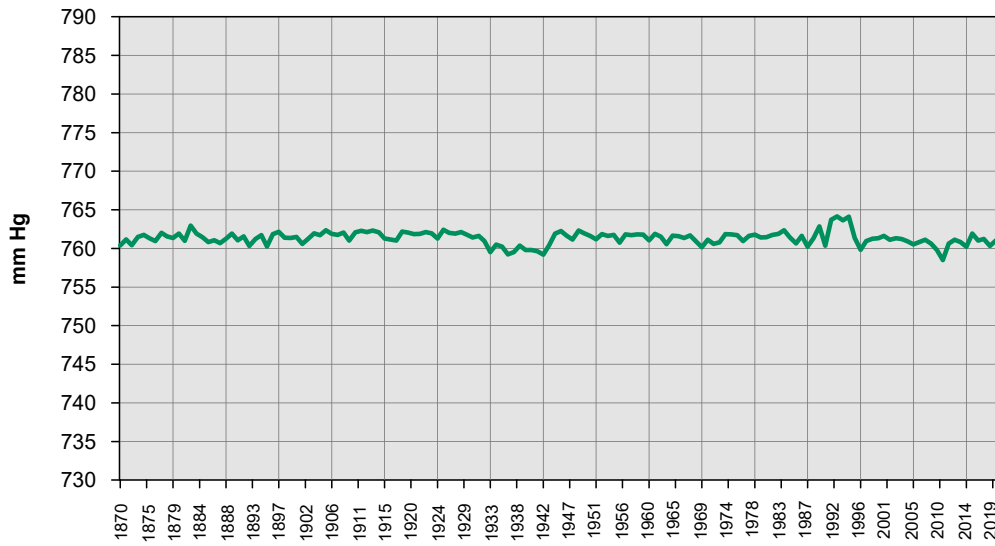




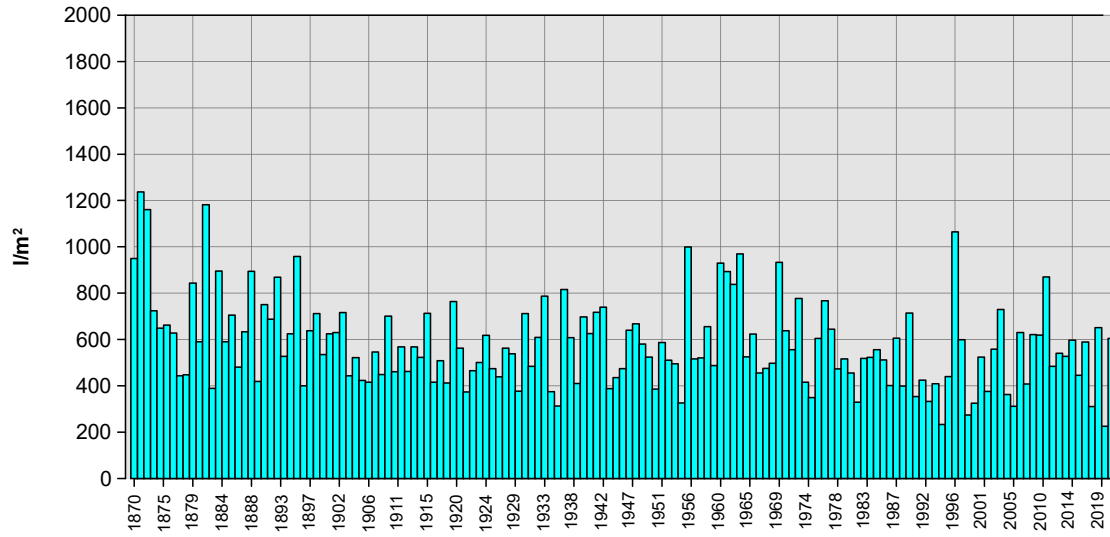
### Humedad relativa media anual 1870 - 2020



### Presión media anual 1870 - 2020



### Precipitación total anual 1870 - 2020





# GEOMAGNETISMO



## GEOMAGNETISMO

### 1. Estaciones Geomagnéticas “Barrio de Jarana” y “Cortijo de Garrapilos”.

El registro instrumental del Campo Magnético Terrestre en este observatorio tuvo su comienzo en 1879 con la instalación de la primera estación geomagnética española, designada como SFS, compuesta de una estación variométrica de tres componentes modelo ADIE complementada por un magnetómetro ELLIOT y un teodolito DOWER. De esta forma se inicia una de las series magnéticas de mayor extensión temporal a nivel global.

En los años 70 la electrificación de la línea férrea Cádiz-Sevilla, introdujo importantes interferencias en sus registros magnéticos, al igual que en gran parte de los Observatorios nacionales, obligando en su momento a trasladar la estación a una zona alejada unos 8 km al NE del emplazamiento primitivo. Este observatorio queda ubicado en el recinto de una Estación Radio Receptora de la Armada, situada en el Barrio de Jarana en Puerto Real (Cádiz). Esta estación fue designada como SFS2.

Tal como se ha reseñado en las Memorias de Actividades de los años correspondientes, desde el año 1997 se efectuaron diversas pruebas de registro del campo magnético en diferentes instalaciones militares de la zona, con el fin de seleccionar un emplazamiento para el traslado de la estación magnética desde su ubicación en el Barrio de Jarana (Puerto Real) al haberse detectado interferencias en sus registros. Por este motivo, desde el mes de abril de 1998, las observaciones se efectuaron en períodos nocturnos con el fin de minimizar las dispersiones, apreciándose de forma patente una mayor estabilidad en las líneas bases. Finalmente fue seleccionada una zona localizada a unos 2 Km hacia el noroeste de las estancias del “Cortijo de Garrapilos” perteneciente a la Yeguada Militar (Jerez), dependiente de la Secretaría General Técnica del Ministerio de Defensa. En las Memorias correspondientes a los años 2003 y 2004 se detallan las actuaciones que en dichos años se realizaron para la construcción del nuevo Observatorio Geomagnético en el citado recinto. Destacar que dicha construcción estuvo basada en tres casetas de madera de diferentes tamaños (figura 1): caseta de observaciones absolutas, variométrica y de electrónica. Las dos primeras con sus correspondientes pilares y debidamente acondicionadas según los requisitos marcados por la IAGA (Asociación Internacional de Geomagnetismo y Aeronomía). Adicionalmente una pequeña caseta auxiliar contiene el sensor del magnetómetro de protones, así como un pilar externo también auxiliar, para control de la evolución geomagnética del entorno.

El mes de octubre de 2004 marca la puesta en operatividad de la nueva estación geomagnética del “Cortijo Garrapilos”, estación designada como SFS3. No obstante, durante el año 2005 y hasta comienzos de 2007 se continuó manteniendo el siguiente registro del campo geomagnético en la Estación del Barrio Jarana: variográfico (empleando una estación de torsión fotoeléctrica PSM8711), de fuerza total (mediante un magnetómetro de protones GEOMETRICS G-856) y realizando observaciones absolutas (con un Inclinómetro/Declinómetro “Diflux” DIM-100).



Figura 1: Vista exterior del Observatorio Geomagnético localizado en el “Cortijo Garrapilos”

Con el objetivo de atenuar la influencia de la temperatura en los registros del equipo variométrico, se instala en abril de 2008 una unidad de climatización remota. En mayo de 2011 se construyeron cinco pilares no magnéticos para el desarrollo de la fase instrumental del XV Workshop de la IAGA.

## **2. Instrumentación**

Todos los equipos son alimentados desde un sistema de baterías con una capacidad de suministro de 48h en caso de fallo de la alimentación de la red.

### **Medidas continuas de las variaciones del campo magnético**

Las medidas continuas de las variaciones de las componentes horizontal (H), declinación (D) y vertical (Z) del campo magnético se realizan con un variómetro fabricado por Danish Meteorological Institute (DMI), modelo FGE versión K. En paralelo se mantiene registrando un variómetro DMI, modelo FGE versión G. Este equipo es redundante en previsión de fallo del equipo principal anteriormente citado.

### **Medidas absolutas**

Las medidas absolutas de los ángulos de declinación (D) e inclinación (I) del campo magnético se efectúan mediante un Inclinómetro/Declinómetro (DI-Flux), Bartington modelo MAG01H (figura 2) instalado sobre un teodolito modelo YOM MG2KP. Para la medida de la fuerza total (F) se utiliza un magnetómetro de protones basado en el efecto Overhauser GEM GSM-90F1. En paralelo se dispone de un magnetómetro de protones basado en el efecto

Overhauser GEOMAG, modelo SM90R. Este equipo es redundante en previsión de fallo del equipo principal (GSM-90F1).



Figura 2: Declinómetro / Inclinómetro Bartington MAG01H

### **3. Procesamiento de los datos**

#### **Actividades diarias.**

El variómetro digital registra las variaciones de las magnitudes H, D y Z, así como las temperaturas del equipo y de los sensores cada 5 s, mientras que el magnetómetro de protones lo hace de la fuerza total (F) cada 30 s. Estos datos, junto con la hora sincronizada mediante satélite GPS, se almacenan en ficheros en un ordenador ubicado en la caseta de electrónica de la estación geomagnética. Esta información se envía al observatorio por medio de una línea de telefonía 3G. Finalmente, estos datos son tratados diariamente por el personal de la sección de Geofísica según los estándares recomendados por INTERMAGNET.

El tratamiento diario de los datos permite obtener, tras limpiarlos de picos e interferencias, los valores medios ponderados de H, D y Z para cada minuto, obtenidos aplicando sobre estas componentes un filtro Gaussiano recomendado por INTERMAGNET (ver apéndice F-1) y utilizando unas líneas base provisionales. También se incluye el valor de F correspondiente a cada minuto. Estos datos provisionales se archivan en un fichero que se remite a INTERMAGNET cada 15 minutos, estando disponible en la siguiente dirección: <http://www.intermagnet.org>.

#### **Actividades semanales.**

Al objeto de controlar las derivas de largo periodo se realizan, con periodicidad semanal, dos medidas absolutas con DI-Flux.

#### **Actividades anuales.**

Una vez concluido el año, se adoptan las líneas bases definitivas a partir de las observaciones semanales realizadas a lo largo de todo el año, procesándose todos los datos provisionales con dichas referencias, para obtener, finalmente, los datos definitivos por minuto de las componentes X,Y,Z y del campo total F. Para su cálculo se siguen los mismos criterios que para los datos provisionales. Los datos definitivos se archivan en ficheros que se



y del campo total F. Para su cálculo se siguen los mismos criterios que para los datos provisionales. Los datos definitivos se archivan en ficheros que se remiten a INTERMAGNET y quedan disponibles en la dirección mencionada anteriormente.

Con objeto de presentar una visión global del año y de la variación secular del campo magnético, se incluyen en este anuario las siguientes tablas y gráficas:

- Gráficas de valores base observados y líneas base adoptadas.
- Tabla de valores medios anuales.
- Gráfica de variación secular de las componentes del campo magnético.
- Serie temporal e histograma de F calculada-F observada.
- Gráfica de valores medios diarios de X, Y, Z y F.
- Gráficas de valores medios horarios de X, Y, Z y F.

Los valores medios horarios, diarios y anuales para X, Y, Z y F se calculan a partir de los valores por minuto. Si faltaran más del 10% de los datos correspondientes para el cálculo de los valores medios, estos no se calculan, según recomendación de Intermagnet en su manual de referencia versión 4.6.

#### 4. Datos perdidos y eventos.

El porcentaje de datos perdidos en el año 2020 se muestra en la tabla a continuación:

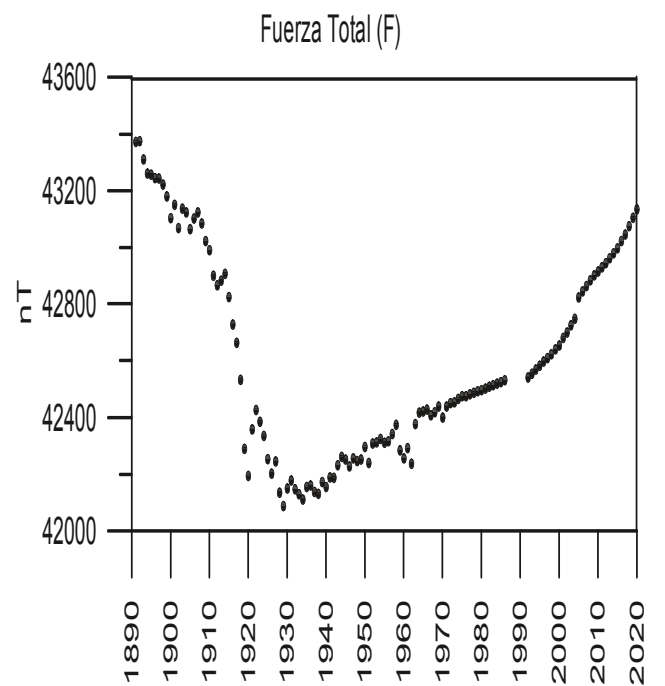
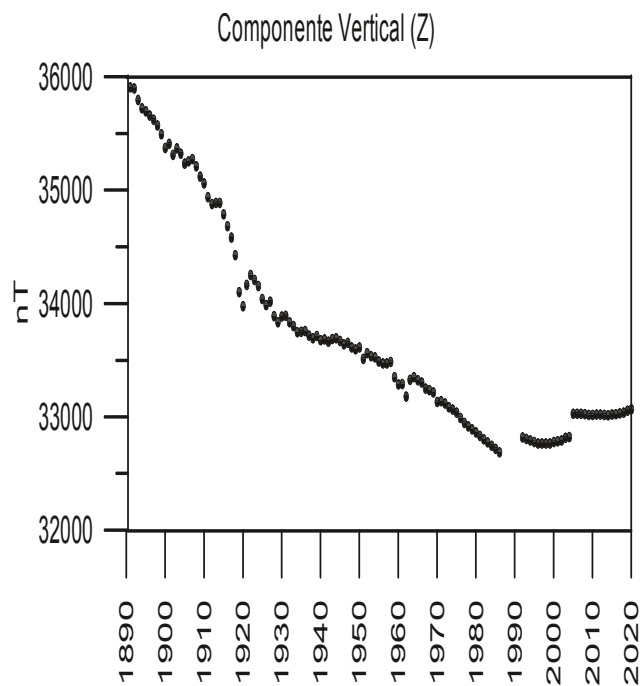
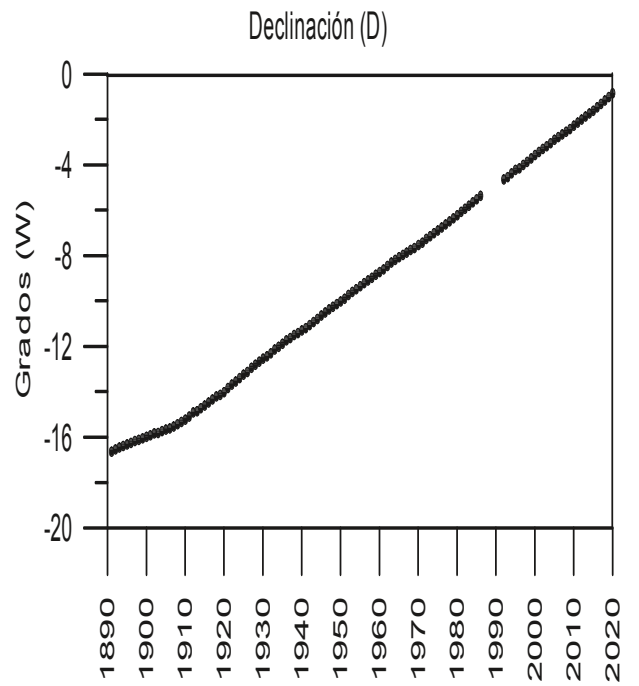
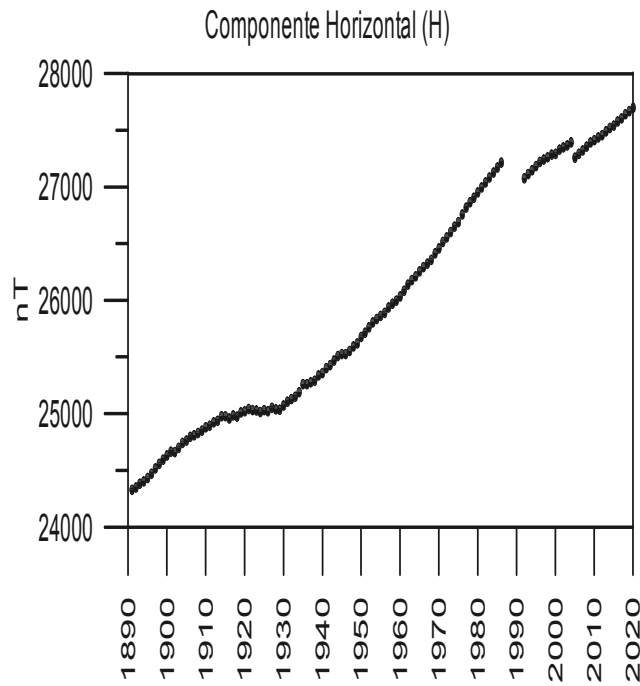
	X	Y	Z	F
ENE	0.01%	0.01%	0.01%	0.01%
FEB	0.00%	0.00%	0.00%	0.00%
MAR	0.01%	0.01%	0.01%	0.01%
ABR	0.00%	0.00%	0.00%	0.00%
MAY	0.01%	0.01%	0.01%	0.01%
JUN	0.07%	0.07%	0.07%	0.07%
JUL	0.01%	0.01%	0.01%	0.01%
AGO	0.00%	0.00%	0.00%	0.00%
SEP	0.00%	0.00%	0.00%	0.00%
OCT	0.00%	0.00%	0.00%	0.00%
NOV	0.10%	0.10%	0.10%	0.10%
DIC	0.51%	0.51%	0.51%	0.51%
AÑO	0.06%	0.06%	0.06%	0.06%

En el año 2020 no hubo incidencias que hayan provocado periodos con pérdidas de datos.

## **Referencias.**

Intermagnet Technical Reference Manual versión 4.6, 2012, 92 pp.

## Variación Secular de las Componentes del Campo Magnético y de su Fuerza Total



VALORES MEDIOS ANUALES				
AÑO	D (°)	I (°)	H (nT)	*
1891	343.35	55.88	24329	1
1892	343.45	55.85	24349	1
1893	343.53	55.74	24382	1
1894	343.62	55.66	24403	1
1895	343.68	55.61	24432	1
1896	343.75	55.54	24469	1
1897	343.82	55.46	24518	1
1898	343.88	55.38	24555	1
1899	343.95	55.28	24594	1
1900	344.01	55.15	24631	1
1901	344.07	55.14	24664	1
1902	344.15	55.07	24660	1
1903	344.19	55.07	24699	1
1904	344.26	54.99	24741	1
1905	344.33	54.90	24762	1
1906	344.39	54.88	24796	1
1907	344.47	54.88	24809	1
1908	344.57	54.81	24829	1
1909	344.67	54.72	24849	1
1910	344.77	54.64	24879	1
1911	344.91	54.53	24894	1
1912	345.09	54.45	24923	1
1913	345.14	54.44	24939	1
1914	345.27	54.40	24977	1
1915	345.40	54.32	24978	1
1916	345.52	54.26	24958	1
1917	345.65	54.15	24986	1
1918	345.79	54.04	24976	1
1919	345.86	53.74	25012	1
1920	345.98	53.63	25021	1
1921	346.16	53.76	25041	1
1922	346.31	53.84	25033	1
1923	346.46	53.81	25027	1
1924	346.61	53.78	25016	1
1925	346.75	53.67	25032	1
1926	346.87	53.64	25020	1
1927	347.05	53.63	25051	1
1928	347.19	53.54	25039	1
1929	347.32	53.50	25035	1
1930	347.45	53.50	25072	1
1931	347.57	53.47	25106	1
1932	347.70	53.40	25129	1
1933	347.86	53.35	25148	1
1934	347.97	53.26	25190	1
1935	348.12	53.19	25258	1
1936	348.26	53.19	25261	1
1937	348.37	53.14	25277	1
1938	348.49	53.11	25290	1
1939	348.58	53.07	25339	1
1940	348.71	53.02	25358	1
1941	348.81	52.98	25402	1
1942	348.94	52.93	25430	1
1943	349.07	52.91	25468	1
1944	349.21	52.87	25510	1
1945	349.36	52.83	25528	1
1946	349.49	52.81	25525	1
1947	349.63	52.79	25554	1
1948	349.75	52.71	25595	1
1949	349.87	52.67	25622	1
1950	349.98	52.62	25678	1

\* 1: Estación SFS1

\* 2: Estación SFS2

\* 2: Estación SFS3

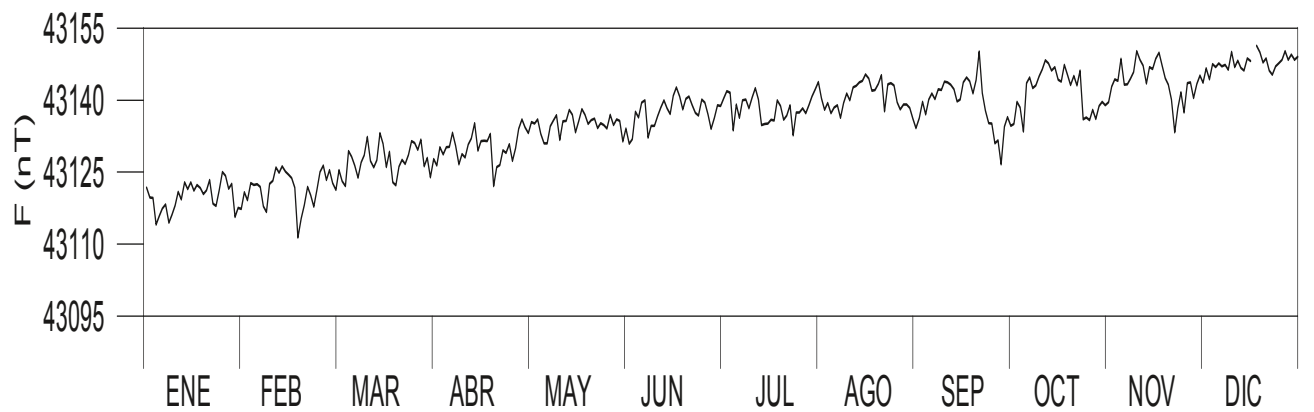
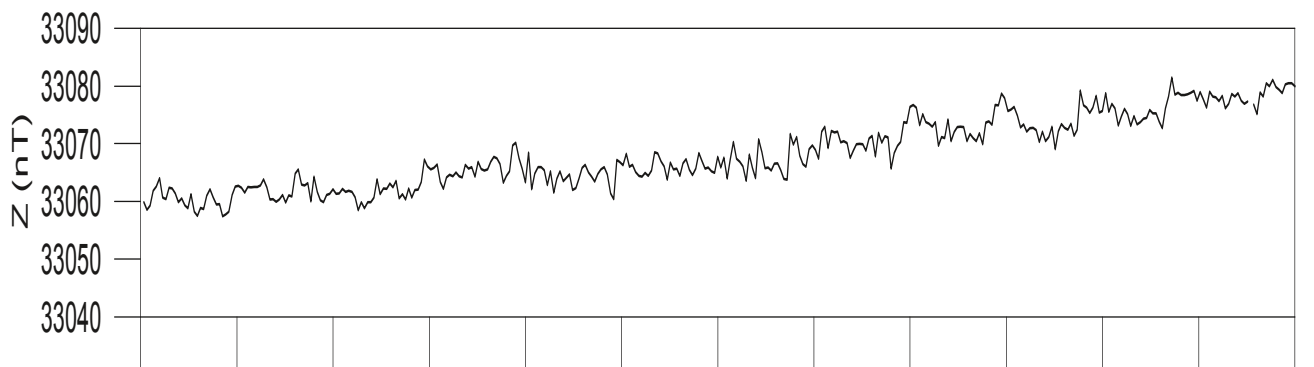
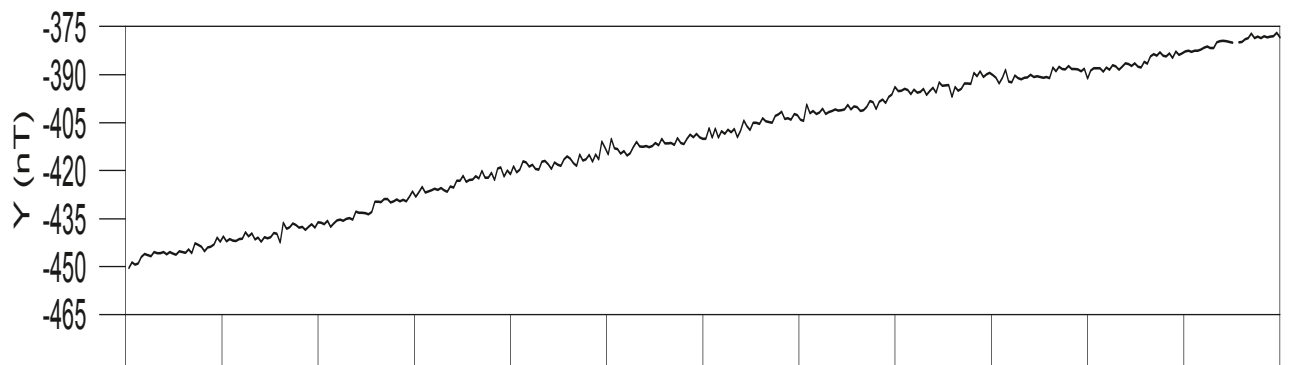
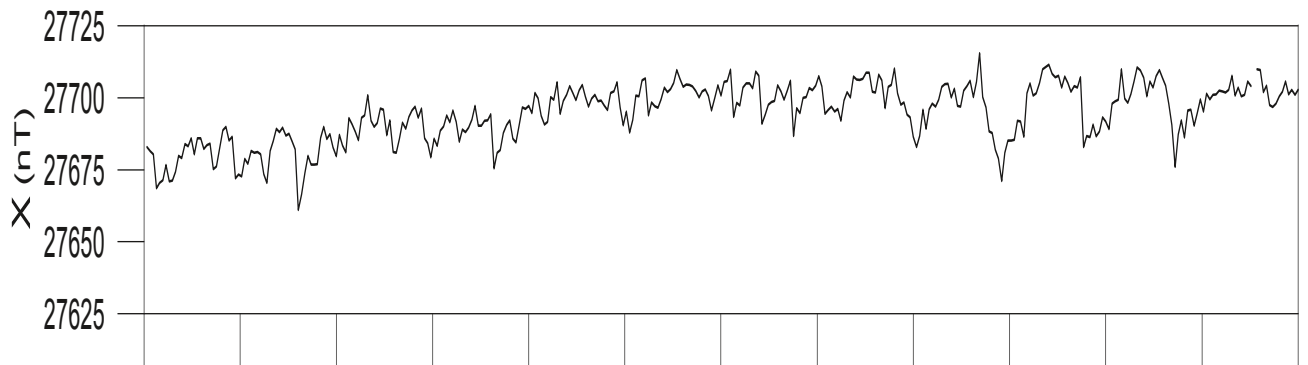
VALORES MEDIOS ANUALES				
AÑO	D (°)	I (°)	H (nT)	*
1951	350.10	52.50	25714	1
1952	350.27	52.49	25762	1
1953	350.40	52.42	25805	1
1954	350.52	52.38	25836	1
1955	350.65	52.32	25862	1
1956	350.79	52.28	25889	1
1957	350.91	52.23	25934	1
1958	351.03	52.20	25972	1
1959	351.16	52.06	25998	1
1960	351.27	51.97	26033	1
1961	351.40	51.92	26084	1
1962	351.55	51.77	26137	1
1963	351.69	51.85	26177	1
1964	351.81	51.83	26211	1
1965	351.93	51.77	26254	1
1966	352.04	51.71	26291	1
1967	352.14	51.63	26323	1
1968	352.25	51.58	26357	1
1969	352.34	51.51	26413	1
1970	352.46	51.39	26457	1
1971	352.57	51.33	26515	1
1972	352.74	51.27	26557	1
1973	352.85	51.20	26603	1
1974	352.99	51.13	26648	1
1975	353.11	51.06	26691	1
1976	353.24	50.96	26755	1
1977	353.38	50.85	26816	1
1992	355.36	50.47	27076	2
1993	355.47	50.42	27112	2
1994	355.63	50.37	27148	2
1995	355.78	50.33	27184	2
1996	355.85	50.28	27220	2
1997	356.00	50.25	27241	2
1998	356.13	50.23	27262	2
1999	356.28	50.21	27285	2
2000	356.44	50.22	27293	2
2001	356.58	50.19	27327	2
2002	356.70	50.17	27349	2
2003	356.83	50.20	27364	2
2004	356.97	50.15	27391	2
2005	357.06	50.14	27416	2
2005	357.11	50.46	27267	3
2006	357.22	50.42	27299	3
2007	357.34	50.40	27327	3
2008	357.46	50.36	27361	3
2009	357.59	50.32	27393	3
2010	357.73	50.29	27418	3
2011	357.87	50.27	27441	3
2012	358.01	50.25	27464	3
2013	358.14	50.22	27493	3
2014	358.27	50.18	27527	3
2015	358.39	50.16	27551	3
2016	358.53	50.13	27584	3
2017	358.68	50.11	27611	3
2018	358.83	50.08	27646	3
2019	359.00	50.06	27675	3
2020	359.15	50.05	27702	3

\* 1: Estación SFS1

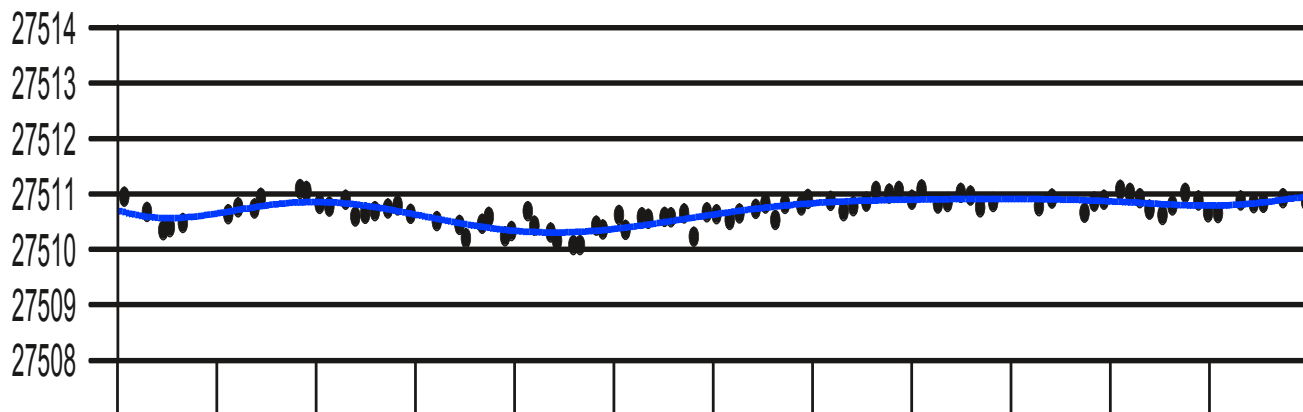
\* 2: Estación SFS2

\* 3: Estación SFS3

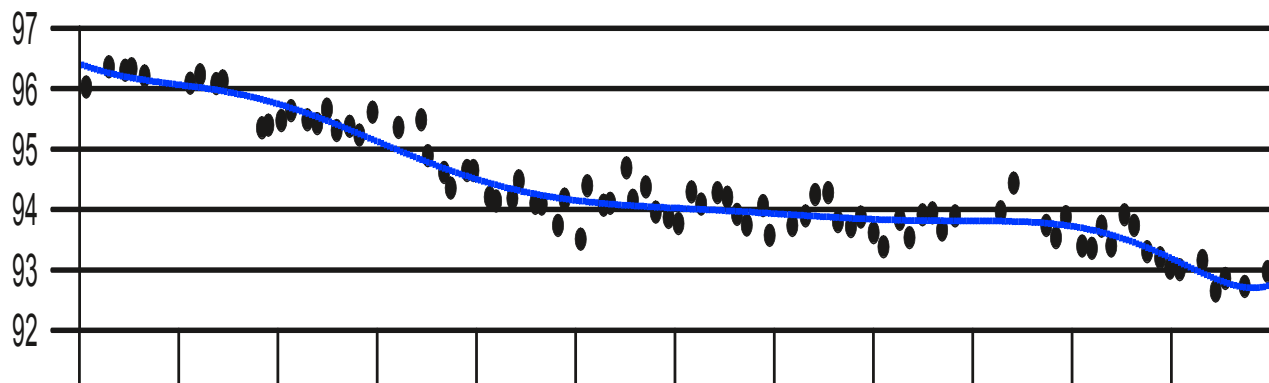
# VALORES MEDIOS DIARIOS AÑO 2020



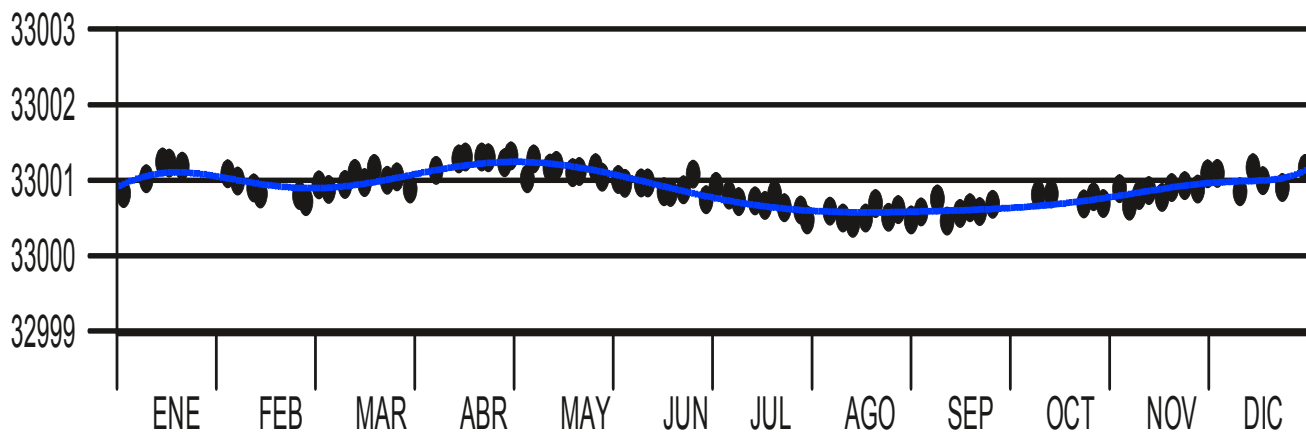
LINEAS BASE DE H (nT)



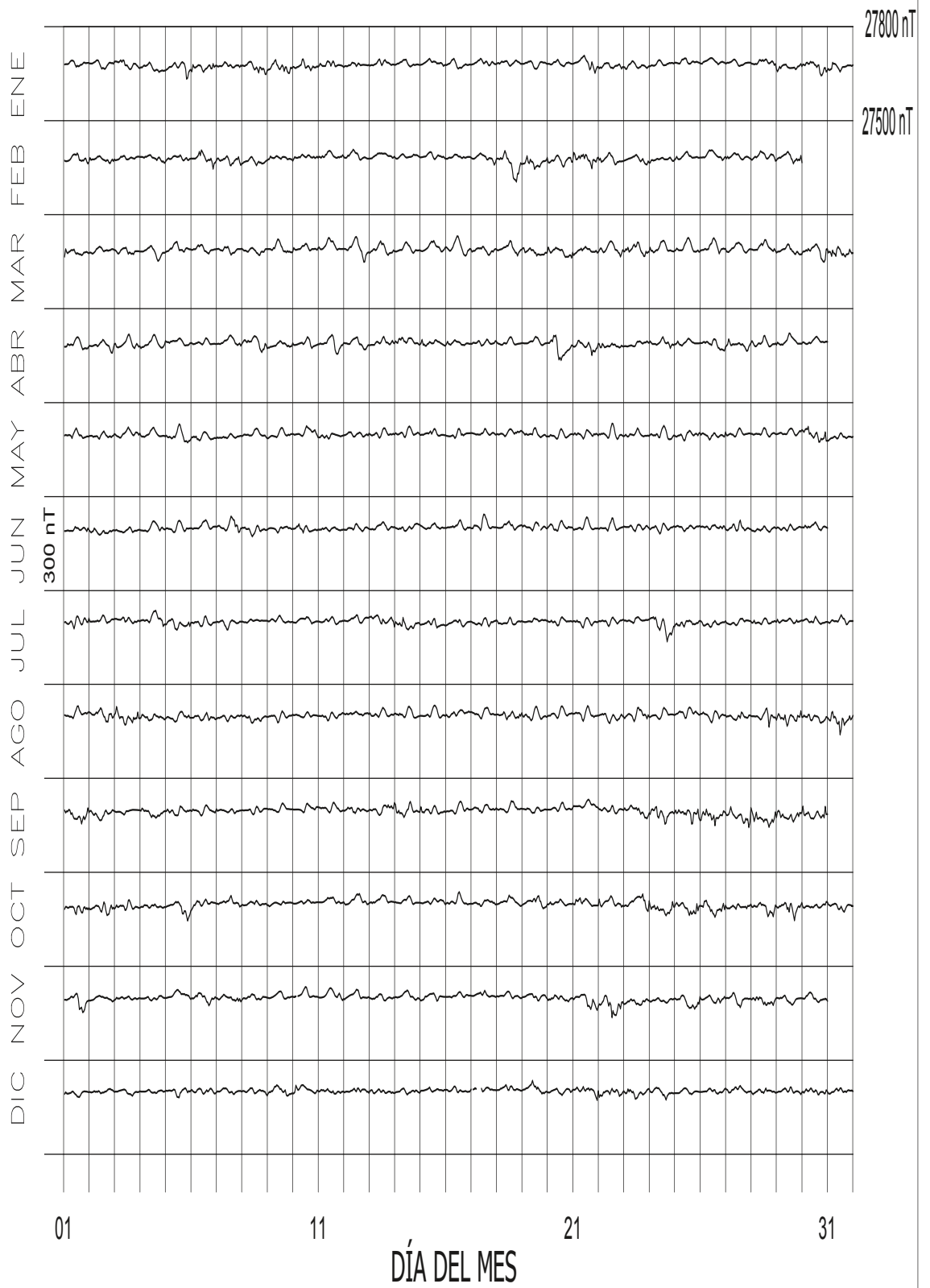
LINEAS BASE DE D (minutos W)



LINEAS BASE DE Z (nT)

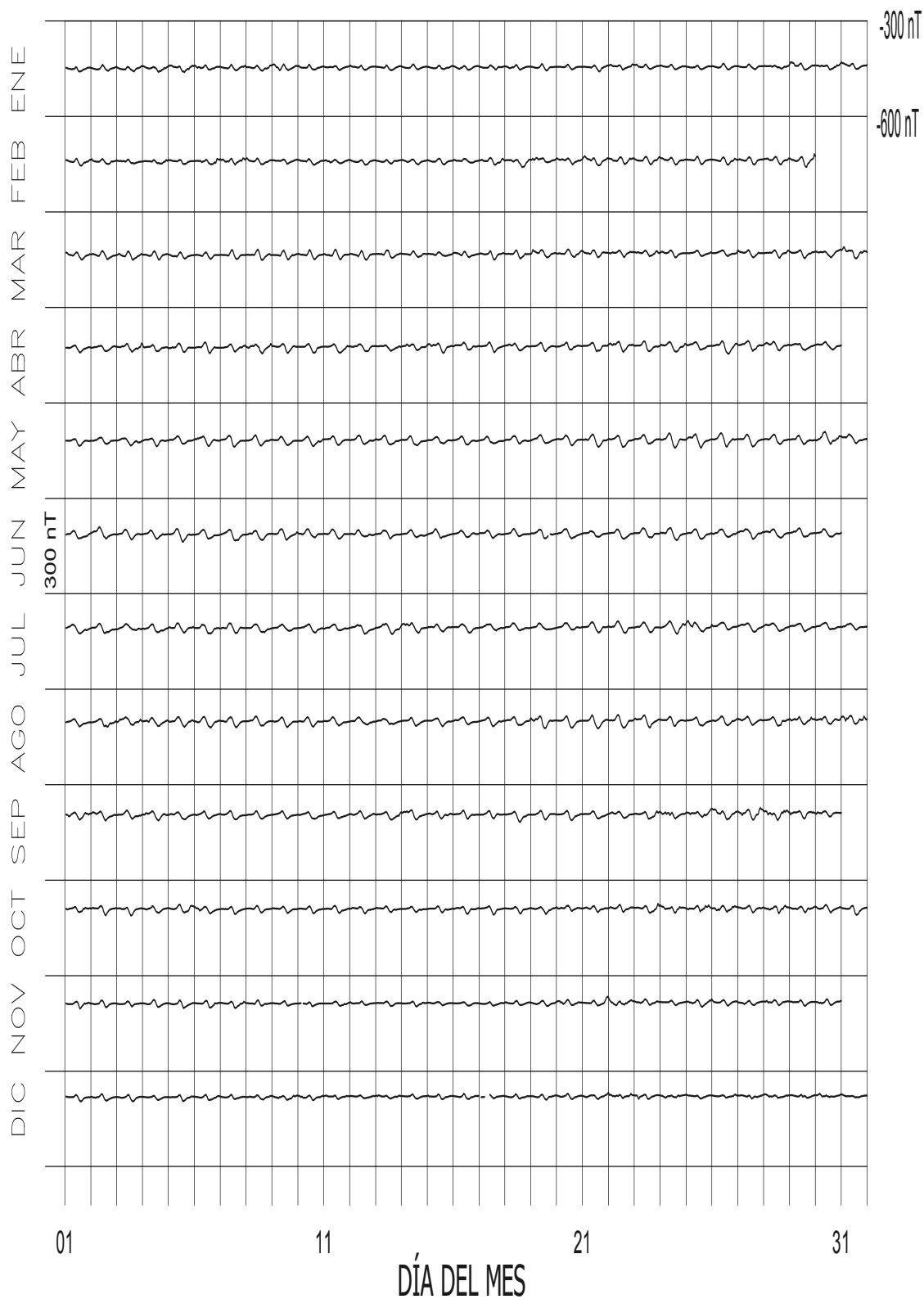


# VALORES MEDIOS HORARIOS DE X

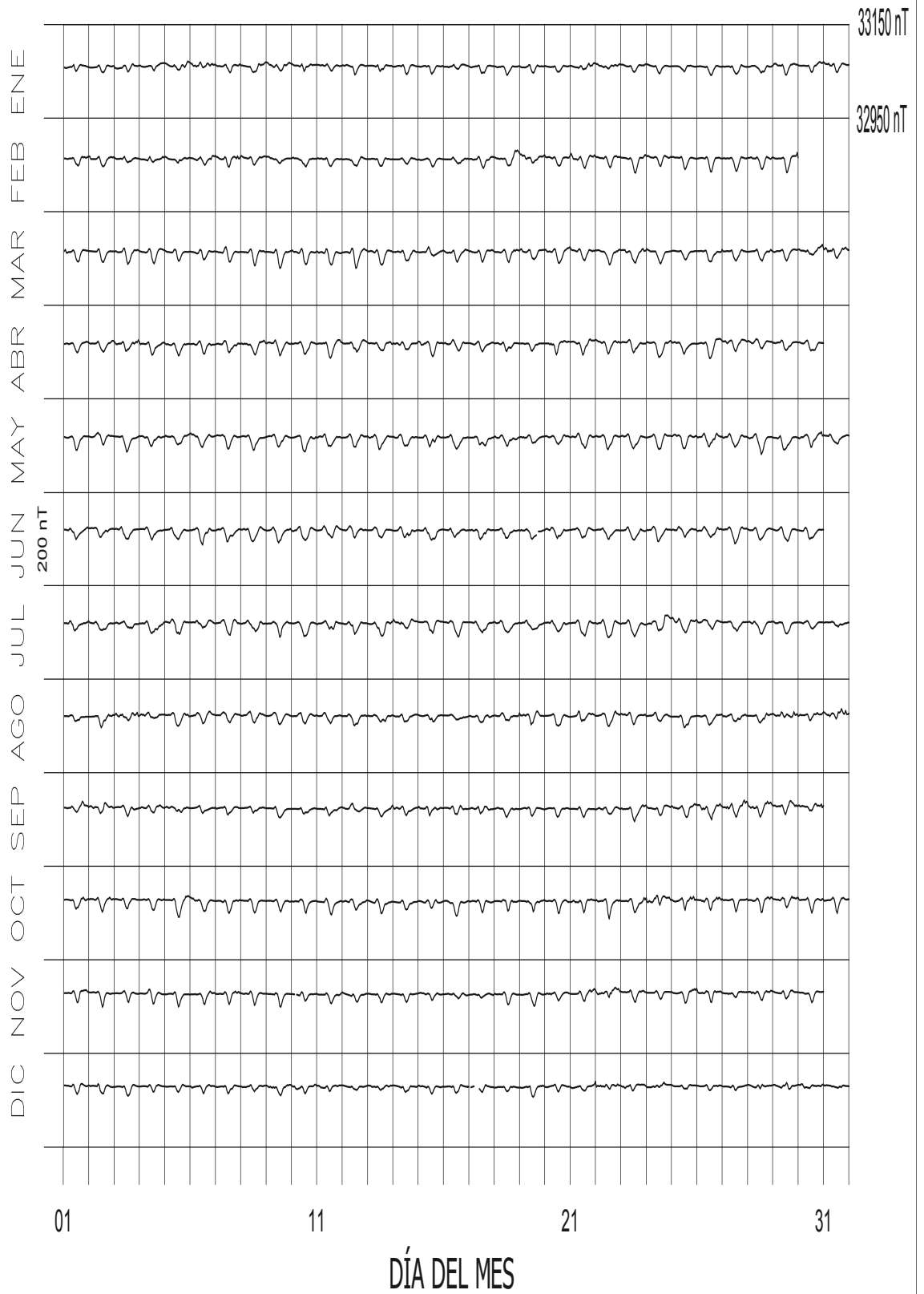




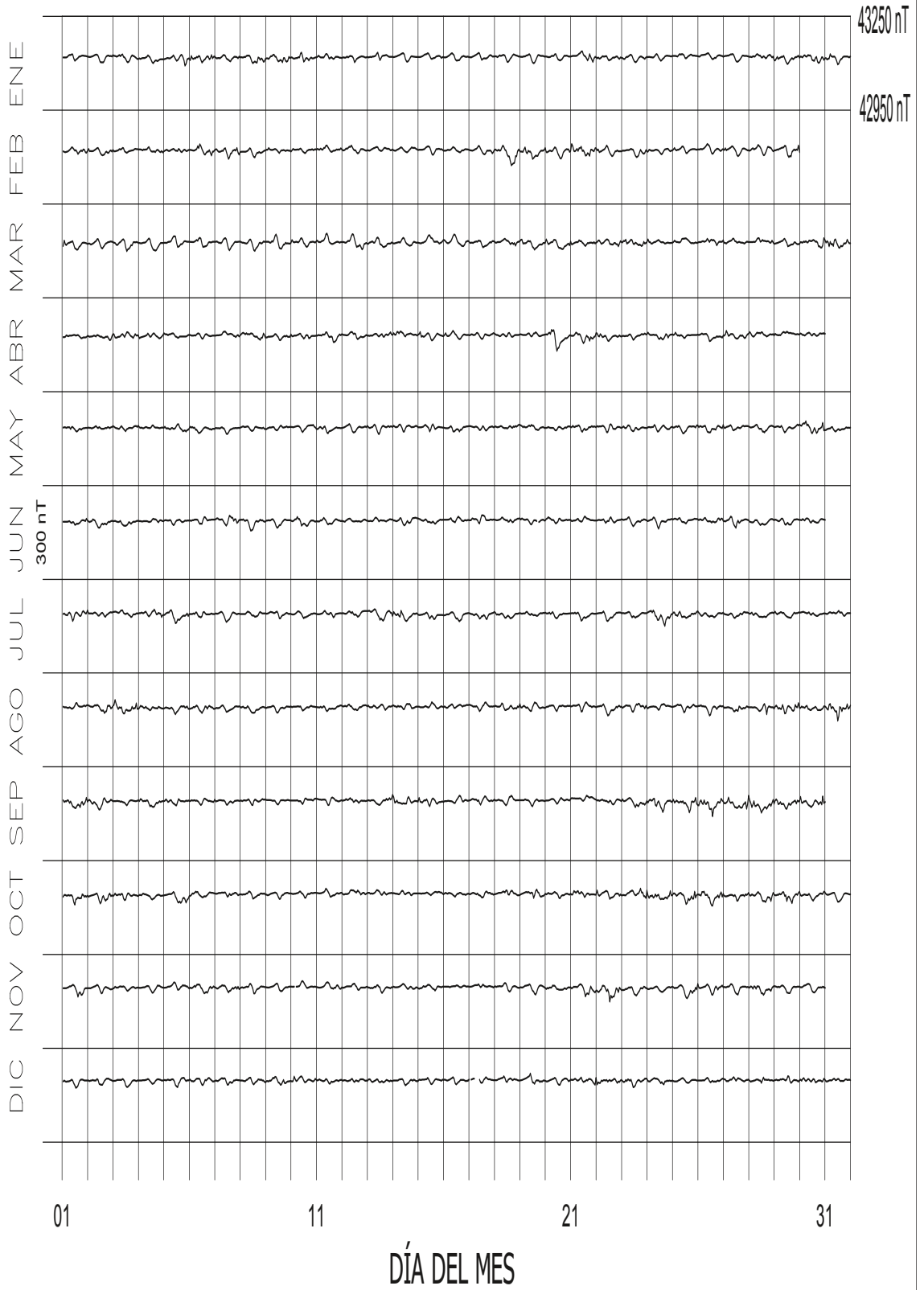
# VALORES MEDIOS HORARIOS DE Y

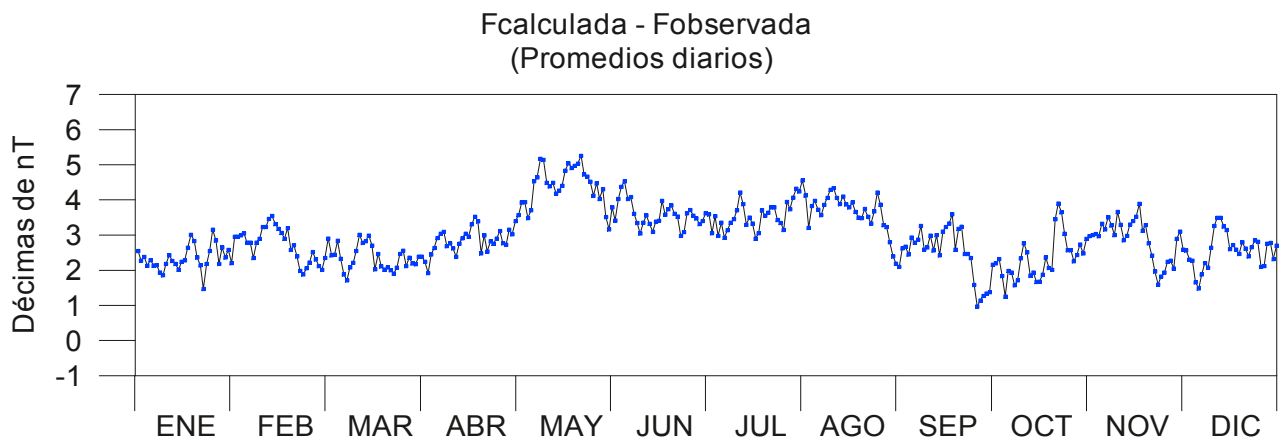
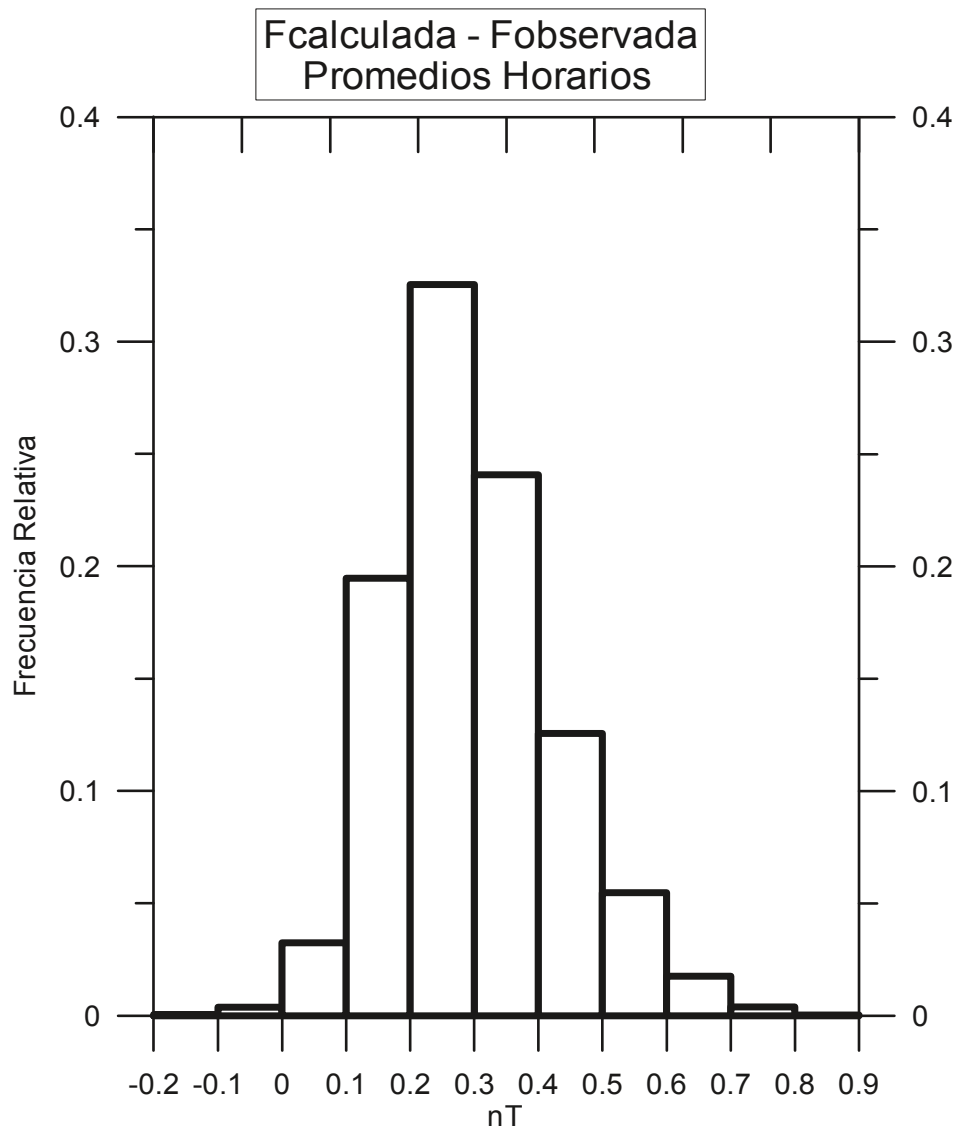


# VALORES MEDIOS HORARIOS DE Z



# VALORES MEDIOS HORARIOS DE F







# SISMOLOGÍA



## Sismología

### Breve reseña histórica:

El registro sísmico cuenta con una amplia tradición en este Observatorio. Diversos sensores y sistemas de registro se han sucedido desde que en enero de 1898, a instancias de Dr. Milne, quedase funcionando la estación más antigua de España.

Los primeros antecedentes son los péndulos horizontales bifiliares tipo Mainka, proyectados y construidos en los talleres del Observatorio en 1912 y complementados en 1921 con un péndulo vertical de diseño propio de 100 kg y 2 segundos de período. Posteriormente los sismógrafos Alfani de 5 y 8 segundos, en funcionamiento en el observatorio desde 1933, y por último la estación electromagnética tipo “Spregnether” de tres componentes, con sismómetro vertical modelo S-5100 V (1975), y sismómetros horizontales modelo S-5100 H (1976) forman los antecedentes inmediatos de la instrumentación actualmente instalada.

En los años 80, debido a la necesidad de apoyar el conocimiento de las estructuras geodinámicas en el Estrecho de Gibraltar, se inició una colaboración con la empresa estatal SECEGSA y el Instituto Geográfico Nacional. Para este fin, se creó una red sísmica de corto periodo conocida como Red del Estrecho, teniendo su origen en el año 1986.

En junio de 1996 se crea la red sísmica de banda ancha, inicialmente dedicada al estudio sísmico de la zona más oriental del Mediterráneo, con un despliegue de estaciones sísmicas en el sur de la Península Ibérica y norte de Marruecos. Actualmente la red sísmica de banda ancha cuenta con un total de 15 estaciones, extendiendo su área de estudio hasta la zona del cabo San Vicente. Esta colaboración se lleva actualmente a cabo con la Universidad de Évora (Portugal), el Instituto Científico de Rabat (ISRABAT), la Universidad Complutense de Madrid (UCM) y el German Research Centre for Geoscience (GFZ).

Otro hito destacable fue, la incorporación del ROA, en el año 2010, como miembro de la delegación española que participa en el Sistema de Alerta de Tsunamis NEAMTWS (North East Atlantic and Mediterranean Tsunami Warning System).

### Adquisición de Datos:

Para la adquisición de datos sísmicos se disponía, desde comienzos de 2020, de la siguiente instrumentación permanente:

- Red de Corto Período de siete estaciones desplegadas en las inmediaciones del Estrecho de Gibraltar (Fig. 1, triángulos azules).
- Red de Banda Ancha, integrada por quince estaciones sísmicas de Banda Ancha (Fig. 1, triángulos rojos).

Entre las labores realizadas por el servicio de sismología se encuentra la monitorización de la sismicidad de la región Ibero-Magrebí. Para ello se han localizado todos los sismos registrados a lo largo del año 2020 en las estaciones sísmicas en esta región, y se ha elaborado un *Boletín de Sismos* para el año 2020.

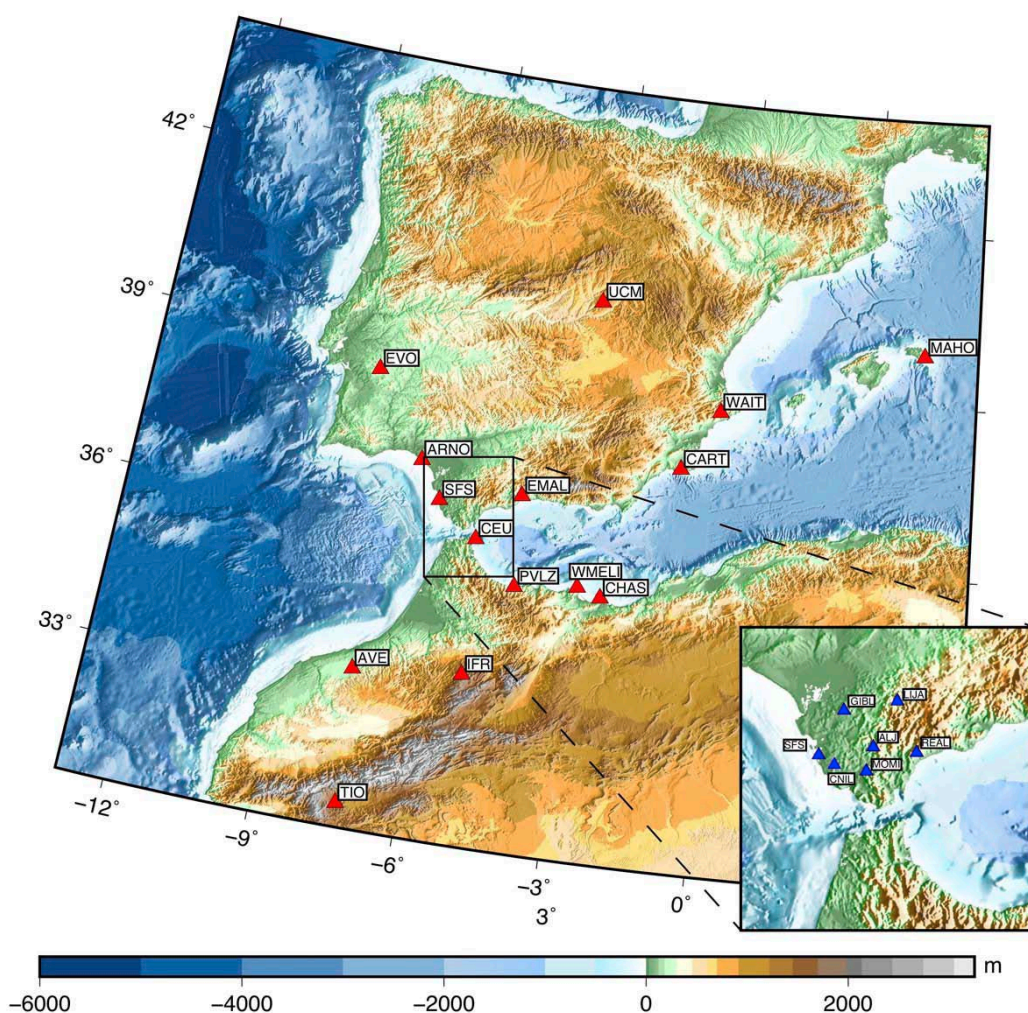


## Red de Corto Período

La red sísmica de corto periodo (Fig. 1, triángulos azules) consta de siete estaciones, conectadas al ROA vía telemétrica. Todas transmiten los datos por la banda de frecuencia UHF/VHF y se digitalizan en la central de adquisición del ROA. Desde el año 1986, la configuración inicial de la Red del Observatorio-Red del Estrecho ha sufrido diversas modificaciones: se ha cambiado el emplazamiento inicial de alguna de las estaciones por la existencia de interferencias, la imposibilidad de efectuar mantenimientos en períodos invernales, la existencia de ruidos de carácter cultural, etc.

## Red de Banda Ancha

La red sísmica Western Mediterranean (WM) está actualmente compuesta por 15 estaciones de banda ancha (Fig. 1, triángulos rojos) las cuales, transmiten sus datos digitales vía VSAT o ADSL al ROA. Estos datos se integran en el sistema de adquisición y procesamiento llamado SeisComp3. El sistema realiza una primera estimación de la localización de los eventos detectados y posteriormente son analizados y relocalizados por los operadores del sistema del ROA.



**Figura 1.** Red de banda ancha WM (triángulos color rojo) y Red Sísmica de Corto Período del Observatorio "Red del Estrecho" (triángulos color azul).

<b>Código</b>	<b>Sensor</b>	<b>Acelerómetro</b>	<b>Digitalizador</b>	<b>Comunicaciones</b>	<b>Periodo Func.</b>
<b>SFS</b>	STS-2	-	EDR-209	VSAT	2001-Cont
<b>CART</b>	STS-2	Episensor ES-T	Q-330-HR	VSAT	1997-Cont
<b>MAHO</b>	STS-2	Episensor ES-T	Q-330-HR	VSAT	1999-Cont
<b>WMELI</b>	STS-2	-	ED PS24	ADSL	2015-Cont
<b>CEU</b>	STS-2		ED PS24	Fuera de línea	2004-Cont
<b>EMAL</b>	STS-2	Episensor ES-T	ED PS24	ADSL	2005-Cont
<b>PVLZ</b>	STS-2	-	ED PS24	Fuera de línea	2004-Cont
<b>UCM</b>	STS-2	-	ED PS24	ADSL	2010-Cont
<b>CHAS</b>	STS-2.5	Episensor ES-T	Q-330-HR	Fuera de línea	2014-Cont
<b>EVO</b>	STS-2	-	ED PS24	ADSL	2006-Cont
<b>AVE</b>	STS-2	Episensor ES-T	Q-330-HR	VSAT	2006-Cont
<b>IFR</b>	STS-2	-	ED PS24	ADSL	2007-Cont
<b>TIO</b>	STS-2	-	ED PS24	VSAT	2008-Cont
<b>ARNO</b>	STS-2.5	Episensor ES-T	Q-330-HR	Internet	2015-Cont
<b>WAIT</b>	STS-2	Episensor-ES-T	Q-330-HR	Fuera de línea	2018-Cont

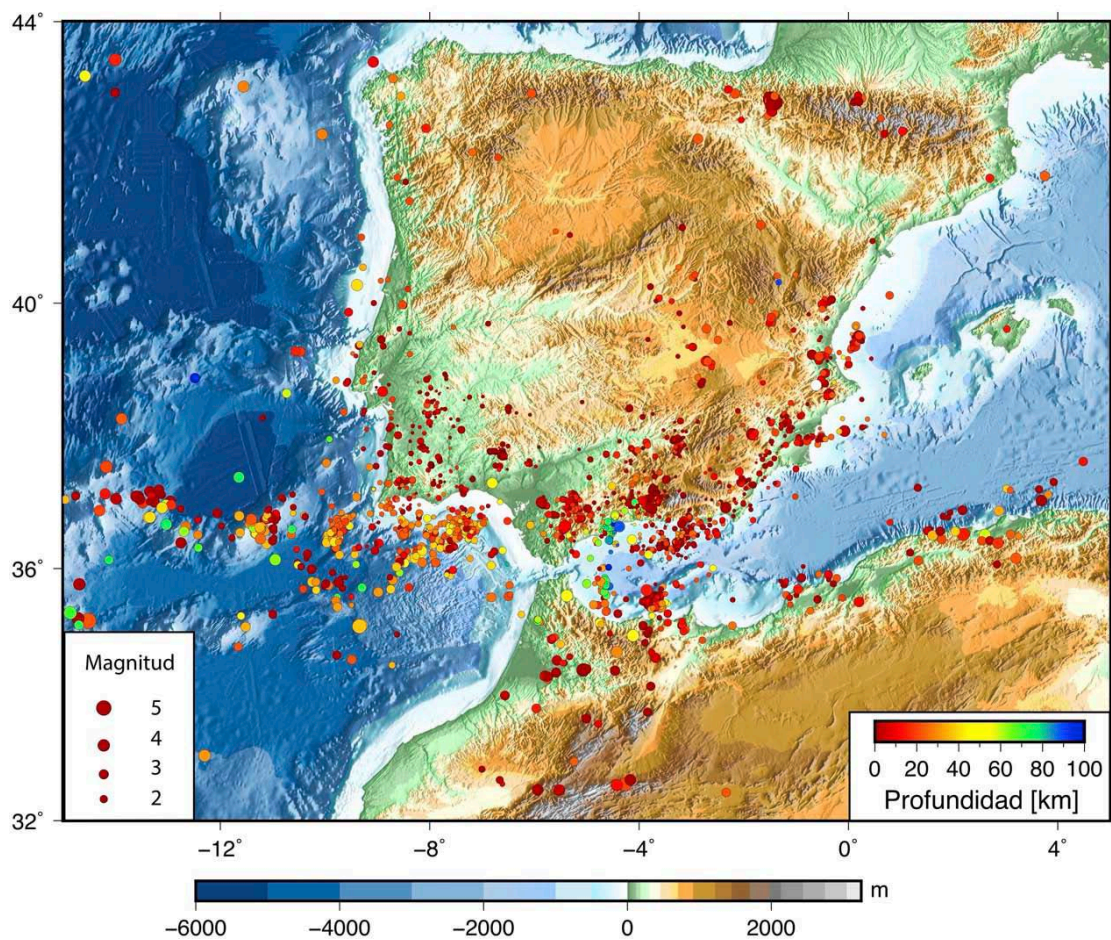
**Tabla 1:** Resumen de la instrumentación y comunicaciones de las estaciones sísmicas que componen la red WM.

Actualmente se ha instalado una nueva estación de banda ancha TARIF en el túnel de experimentaciones geológicas de Tarifa, encontrándose en fase de pruebas.

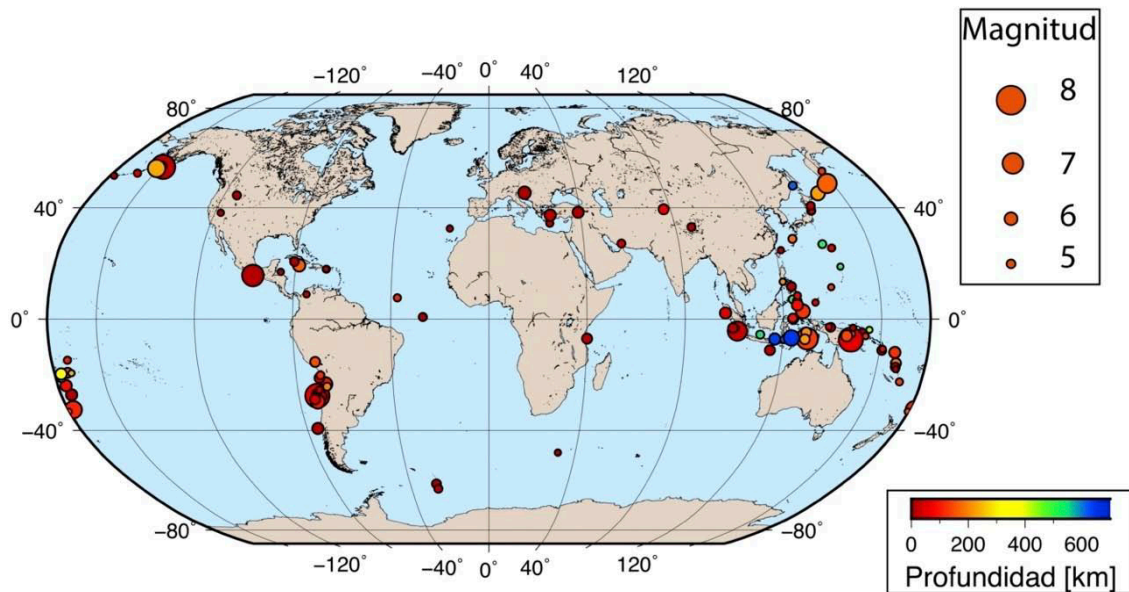
## Sismicidad

Durante el año 2020 se localizaron alrededor de 2000 sismos en el área Ibero-Magrebí. Para ello se utilizaron datos provenientes de las estaciones de la Western Mediterranean, del Instituto Geográfico Nacional y de la red portuguesa.

En la Figura 2 se muestra el mapa de sismicidad para el periodo que comprende el año 2020, asimismo la Figura 3 muestra la localización de los telesismos (sismos lejanos) detectados.



**Figura 2:** Mapa de la sismicidad regional registrada en 2020. El tamaño de los círculos es proporcional a la magnitud de los terremotos.



**Figura 3:** Localizaciones epicentrales de sismos lejanos realizadas durante el año 2020.

### Legenda Tabla de Localización de Terremotos

Las tablas de sismos localizados contienen por orden de columnas:

**Núm:** Referencia de asignación del número del terremoto del año correspondiente.

**Date:** Fecha correspondiente a la hora origen del terremoto.

**Ho:** Hora origen del terremoto.

**Err:** Error en la determinación del tiempo, expresado en segundos.

**RMS:** Raíz cuadrática media, expresado en segundos.

**Latitud:** Expresada en grados y décimas de grado. Lat. Norte > 0; Lat. Sur < 0.

**Longitud:** Expresada en grados y décimas de grado. Long. Este > 0; Long. Oeste < 0.

**Smaj:** Longitud en kilómetros del semieje mayor de la elipse de confianza (90%) asociada a la localización epicentral.

**Smin:** Longitud en kilómetros del semieje menor de la elipse de confianza (90%) asociada a la localización epicentral.

**Az:** Acimut del semieje menor de la elipse, siendo el acimut el ángulo medido desde el Norte hacia el Este.

**Depth:** Profundidad del terremoto en kilómetros.

**ERR:** Error en kilómetros asociado al cálculo de la profundidad.

**Ndef:** Número de fases sísmicas utilizadas para la localización.

**Msta:** Número de estaciones utilizadas para la localización.

**GAP:** Ángulo no cubierto con información sísmica en la localización hipocentral.

**mdist:** Distancia desde el epicentro a la estación más cercana, medida en grados.

**Mdist:** Distancia desde el epicentro a la estación más lejana, medida en grados.

**Mag:** Magnitud del terremoto (magnitud preferida seleccionada por el analista, detallado en versión online).

**Z.Geo:** Zona sísmológica asignada al epicentro del terremoto calculado.

**Dirección de correo electrónico para solicitud de boletines:** [seismiccatalog@roa.es](mailto:seismiccatalog@roa.es)

### **Agradecimientos**

El servicio de sismología del ROA agradece al *Instituto Geográfico Nacional* y al *Instituto Português do Mar e da Atmosfera* su colaboración compartiendo sus datos.

## SISMOS DETECTADOS EN EL AÑO 2020



**SISMOS DETECTADOS EN EL AÑO 2020**

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Sma <sub>j</sub>	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mlist	Mdist	Mag	Z.Geo.
1	01 Ene	09:09:45.91	0.28	1.11	36.9357	-2.3436	3.3	1.9	154	0.0		58	31	125	0.12	5.84	4.0	Strait of Gibraltar
2	01 Ene	15:18:06.55	1.45	0.75	37.1817	-13.3414	20.8	10.6	172	0.0		21	12	337	3.61	7.02	3.6	Azores Cape St. Vincent R
3	01 Ene	17:08:26.32	1.06	0.76	36.3115	-7.6218	6.9	3.9	29	26.6	12.7	32	18	134	3.98	5.38	2.9	Strait of Gibraltar
4	01 Ene	22:54:24.98	1.28	0.55	36.5235	-10.6357	20.6	7.5	70	24.4	19.8	25	14	261	1.57	5.42	3.0	Azores Cape St. Vincent R
5	01 Ene	23:55:27.35	0.37	0.57	37.0109	-3.8388	3.9	3.0	8	0.0		25	16	67	0.22	3.89	2.4	Spain
6	02 Ene	06:28:25.84	1.22	0.71	36.6459	-12.6505	31.6	6.5	99	26.2	32.0	25	14	267	3.10	7.27	3.6	Azores Cape St. Vincent R
7	02 Ene	13:14:44.86	0.51	1.00	37.7951	-6.8406	3.9	2.9	178	2.4	4.4	23	12	98	0.14	2.06	2.0	Spain
8	02 Ene	17:25:47.25	0.57	0.89	37.4726	-3.6117	4.8	2.7	10	23.9	4.2	29	18	101	0.30	3.52	2.3	Spain
9	03 Ene	19:52:02.15	1.28	0.76	39.8635	-9.5424	17.6	7.6	120	9.5	12.9	24	12	303	0.93	4.22	3.0	Portugal
10	03 Ene	00:28:46.53	1.42	0.41	36.5056	-7.6866	10.0	5.8	11	24.6	9.2	16	10	229	0.76	2.39	2.1	Strait of Gibraltar
11	03 Ene	06:41:21.25	0.86	0.62	36.6221	-9.8350	9.0	4.6	93	34.8	16.9	27	14	211	0.96	6.08	3.0	West of Gibraltar
12	03 Ene	07:08:05.50	1.21	1.27	35.4805	0.2005	17.6	5.5	143	10.4	15.2	24	14	242	2.31	5.20	3.5	Northern Algeria
13	03 Ene	07:36:56.15	1.09	0.50	36.5116	-5.5690	11.8	4.7	19	22.0	5.7	14	8	219	0.42	2.03	2.2	Strait of Gibraltar
14	03 Ene	09:51:16.06	0.62	0.68	38.8673	-8.0553	6.0	3.4	179	1.4	4.8	24	12	174	0.34	2.65	2.4	Portugal
15	03 Ene	13:12:31.71	0.41	0.53	37.7360	-6.6039	3.8	2.8	0	0.0		19	11	100	0.06	1.87	2.1	Spain
16	04 Ene	01:48:08.81	0.77	1.63	36.4257	-9.7374	7.6	4.0	95	0.0		31	16	209	1.02	5.87	3.1	West of Gibraltar
17	04 Ene	12:53:27.65	4.03	0.54	43.1116	-15.3762	41.2	22.7	141	126.8	68.0	22	12	339	6.20	9.60	4.5	North Atlantic Ocean
18	04 Ene	16:03:32.67	0.74	0.97	36.8492	-8.1928	6.1	4.4	35	24.9	5.1	29	16	204	0.45	5.56	3.0	West of Gibraltar
19	04 Ene	18:36:29.84	1.30	0.65	36.6854	-7.7818	9.9	5.4	12	26.4	7.4	20	12	239	0.57	2.95	2.3	Strait of Gibraltar
20	05 Ene	01:29:02.84	0.60	1.20	37.1857	-3.7161	6.8	4.7	172	0.0		10	6	89	0.22	2.25	1.7	Spain
21	05 Ene	04:41:29.34	2.67	0.80	15.5737	-95.9583	62.3	20.6	76	579.1	40.9	15	15	233	44.20	80.43	5.5	Near Coast of Oaxaca, Mex
22	05 Ene	14:57:13.21	0.35	0.75	37.6452	-7.8063	3.2	2.7	158	0.0		25	13	78	0.19	2.61	2.1	Portugal
23	06 Ene	15:57:57.65	1.19	1.61	39.3673	-9.3491	9.2	6.1	132	0.0		26	13	236	0.41	3.92	2.9	Portugal
24	06 Ene	20:22:53.12	1.40	0.38	36.4256	-9.8447	18.4	5.8	102	37.2	24.9	16	10	293	1.08	5.90	2.9	West of Gibraltar
25	07 Ene	06:05:22.46	2.29	1.26	2.1937	96.4294	26.7	13.5	16	48.8	23.0	18	18	131	4.97	94.87	6.5	Northern Sumatra, Indones
26	07 Ene	08:24:31.95	4.47	0.65	17.9207	-67.1763	29.2	11.1	122	69.4	38.3	27	27	120	37.88	166.25	6.1	Mona Passage
27	07 Ene	08:31:30.10	1.36	2.54	36.8936	0.0158	12.6	9.0	131	0.0		16	9	297	0.30	6.59	4.5	Northern Algeria
28	07 Ene	14:16:49.62	0.47	0.29	37.7085	-6.5899	4.7	3.4	27	5.1	5.6	16	8	102	0.09	1.16	2.3	Spain
29	08 Ene	19:11:35.41	12.51	0.62	-4.8255	151.0398	73.8	46.3	18	107.1	102.0	11	11	151	25.16	146.96	5.8	New Britain Region, P.N.G
30	08 Ene	02:45:33.24	0.44	0.62	36.3772	-3.2169	4.8	3.1	67	0.0		18	10	114	0.59	2.62	2.3	Strait of Gibraltar
31	08 Ene	18:02:21.26	0.47	0.75	37.3093	-2.0718	7.2	2.9	145	12.3	6.4	27	16	126	0.35	4.31	2.7	Spain
32	08 Ene	22:51:20.11	1.45	1.37	36.6061	-1.5588	13.4	8.4	144	0.0		12	8	258	2.27	4.17	2.6	Northern Algeria
33	09 Ene	00:59:53.39	0.79	0.48	38.6209	-2.7633	32.5	4.8	161	37.9	34.6	7	4	164	0.95	2.16	1.7	Spain
34	09 Ene	08:38:11.20	8.89	1.00	62.0832	171.0293	52.5	16.0	116	35.4	69.8	16	16	215	44.12	79.44	5.9	Eastern Siberia, Russia
35	09 Ene	13:17:07.12	0.41	0.51	37.7229	-6.6077	3.6	2.8	16	0.0		22	11	101	0.07	1.67	2.2	Spain
36	10 Ene	00:10:53.02	0.71	0.51	35.8153	-8.6977	8.1	3.2	85	30.3	14.8	28	14	186	1.32	5.03	3.3	West of Gibraltar
37	10 Ene	05:27:40.37	0.41	0.97	37.0014	-4.0137	4.3	2.7	179	0.0		24	12	121	0.13	4.69	2.8	Spain
38	10 Ene	14:10:11.65	0.47	0.59	37.7379	-6.6121	4.2	3.0	173	0.0		19	10	100	0.06	1.66	1.8	Spain
39	11 Ene	01:39:50.14	0.99	0.46	36.7307	-7.5019	10.0	5.3	13	32.9	10.2	17	10	207	0.62	2.13	1.9	Strait of Gibraltar
40	11 Ene	05:59:50.07	0.52	0.59	37.7876	-6.7208	4.6	3.7	15	0.0		11	6	123	0.04	1.11	1.2	Spain
41	11 Ene	12:54:41.40	0.86	0.69	17.9788	-67.2313	38.5	12.4	123	11.5	4.5	6	3	134	37.93	160.51	6.0	Mona Passage
42	12 Ene	00:47:27.52	2.54	0.13	37.0208	-4.0524	46.3	5.2	42	0.0		18	18	18	0.10	1.22		Spain
43	12 Ene	13:50:20.99	2.23	0.63	36.6850	-11.4293	33.9	11.5	61	31.4	50.7	17	9	310	2.13	4.98	3.5	Azores Cape St. Vincent R
44	12 Ene	14:32:05.87	1.12	0.65	36.5668	-5.0127	14.1	4.2	9	41.0	10.3	20	12	206	0.19	3.45	2.3	Strait of Gibraltar
45	13 Ene	23:45:09.15	0.68	0.88	39.1077	-2.6185	4.6	3.1	177	14.6	6.2	24	16	90	0.96	3.58	2.8	Spain
46	13 Ene	02:08:45.95	1.46	0.45	36.9787	-8.1999	16.4	5.4	161	26.5	9.8	9	5	241	0.34	1.51	1.4	West of Gibraltar
47	13 Ene	04:56:17.13	0.52	0.72	37.0736	-5.4583	4.2	3.2	12	8.7	4.5	27	16	60	0.38	3.47	2.2	Spain
48	13 Ene	08:33:13.43	0.65	0.56	37.2434	-7.3931	5.2	3.5	156	5.2	5.3	19	10	158	1.77	1.77	2.1	Portugal
49	14 Ene	00:01:27.23	0.70	0.77	36.6607	-5.0321	12.5	4.1	6	25.8	6.8	16	10	173	0.23	2.62	1.8	Strait of Gibraltar
50	14 Ene	03:58:57.62	0.63	0.59	37.4840	-3.7361	8.5	4.0	46	5.1	9.1	10	6	156	0.37	1.46	1.5	Spain
51	14 Ene	07:21:56.79	1.53	0.54	36.6426	-4.6107	11.2	7.0	13	82.3	10.4	12	7	165	0.15	3.15	1.1	Strait of Gibraltar
52	15 Ene	08:12:51.37	1.96	0.36	36.2656	-7.6771	17.2	8.8	35	21.3	19.8	14	9	246	1.00	1.97	2.0	Strait of Gibraltar
53	15 Ene	10:56:51.90	0.71	0.48	38.5361	-7.9591	5.1	4.1	105	5.7	8.2	14	9	108	0.44	2.68	1.8	Portugal
54	15 Ene	00:59:43.18	1.75	0.86	39.2802	-10.4581	10.7	8.7	61	18.1	10.6	27	19	275	0.97	8.74	3.6	North Atlantic Ocean
55	15 Ene	01:02:31.15	0.73	0.31	38.1364	-1.2915	9.8	3.9	76	0.0		8	4	178	0.30	0.59	1.7	Spain



SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMIS	Latitud	Longitud	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
56		05:31:37.03	1.76	0.74	37.2160	3.6328	16.0	7.9	148	0.0		11	7	266	2.55	4.34	3.1	Western Mediterranean Sea
57		05:36:20.06	2.63	0.62	37.1321	3.8072	41.0	10.4	133	30.3	55.6	9	5	270	2.71	4.50	3.2	Western Mediterranean Sea
58		11:42:46.21	0.69	0.94	36.8581	-3.7554	6.7	3.8	170	0.0		10	6	166	0.10	1.46	1.6	Strait of Gibraltar
59		13:49:46.85	0.54	0.51	38.4523	-6.4965	5.6	3.6	8	0.0		12	7	153	0.51	1.54	1.6	Spain
60		17:02:46.25	0.49	0.77	37.0494	-5.5585	5.7	4.0	177	24.1	3.3	19	10	105	0.30	2.06	2.0	Spain
61		19:02:11.62	1.25	0.27	37.8169	-8.1062	9.9	3.9	131	10.1	5.5	12	7	181	0.19	1.27	1.5	Portugal
62	16 Ene	01:32:10.78	0.55	0.37	37.9448	-8.1687	4.4	3.4	106	5.2	4.9	18	9	106	0.33	2.13	2.5	Portugal
63		01:55:19.60	0.53	1.32	36.6502	-5.4550	5.7	3.7	13	14.2	5.9	17	10	76	0.39	1.98	2.5	Strait of Gibraltar
64		04:33:38.76	0.84	0.89	34.4044	-4.4598	10.6	4.2	100	0.0		20	12	197	1.04	4.80	3.6	Morocco
65		04:35:42.46	0.52	0.97	37.0113	-3.8387	4.0	2.5	177	3.4	3.8	27	17	91	0.22	3.43	2.6	Spain
66		05:53:05.76	0.44	0.57	37.7056	-7.8344	5.6	3.2	138	6.1	5.4	17	9	123	0.18	2.62	2.3	Portugal
67		09:58:18.18	2.07	0.47	-2.0223	-17.5252	185.6	23.5	62	185.1	84.0	11	10	281	34.20	55.53	5.1	North of Ascension Island
68		12:03:08.77	0.89	0.73	35.1116	-2.2181	9.2	5.1	174	26.2	8.2	25	16	198	0.63	6.13	3.3	Strait of Gibraltar
69		16:42:44.66	1.06	0.70	37.0644	-4.3552	10.5	6.4	150	42.4	12.3	8	5	136	0.20	1.12	1.6	Spain
70		01:14:46.27	0.57	0.42	37.1715	-3.7585	5.4	4.1	24	0.5	9.9	9	5	115	0.26	1.60	1.2	Spain
71	17 Ene	02:23:47.72	0.89	0.74	36.1334	-14.1166	12.2	5.9	104	74.7	8.1	32	17	193	4.17	7.88	3.8	Azores Cape St. Vincent R
72		03:22:06.66	0.79	0.85	36.2386	-3.4693	9.3	4.5	53	25.3	8.2	10	6	157	0.46	1.25	1.9	Strait of Gibraltar
73		04:20:18.76	0.45	1.25	39.2968	-0.3888	5.1	3.5	174	20.5	1.0	28	15	134	0.54	5.32	3.0	Spain
74		05:36:21.50	0.47	0.73	37.1027	-3.1619	4.7	3.5	11	0.0		14	8	85	0.24	2.04	1.8	Spain
75		06:37:50.24	1.60	0.98	-11.6670	-14.0977	18.6	13.9	121	2.5	12.6	17	15	139	42.85	63.61	5.5	Ascension Island Region
76		13:24:47.58	0.47	0.57	37.7436	-6.6154	4.4	2.9	174	0.0		18	10	99	0.05	1.67	1.9	Spain
77		17:49:29.62	0.94	0.54	34.4889	-8.7141	11.4	3.9	79	35.5	23.4	23	15	193	1.61	7.10	3.1	West of Gibraltar
78		19:23:29.00	0.78	0.24	38.8184	-1.6376	8.1	4.1	60	10.1	4.1	11	6	123	0.19	2.40	2.0	Spain
79		22:01:10.35	0.25	1.05	37.0676	-3.8203	3.0	2.3	8	0.0		46	30	48	6.76	6.76	3.2	Spain
80	18 Ene	16:38:12.81	7.70	0.52	-2.9660	139.3393	52.4	34.7	93	35.9	48.4	8	8	288	13.37	135.01	6.3	Near North Coast of Iran
81		21:16:51.30	0.52	0.85	36.8432	-4.9180	7.1	3.7	4	14.9	7.0	16	8	115	0.30	2.15	2.3	Strait of Gibraltar
82		21:17:20.97	0.50	0.68	36.8143	-4.9335	8.5	4.1	178	18.7	7.7	14	9	121	0.28	2.16	2.2	Strait of Gibraltar
83		22:44:50.81	0.51	0.95	35.1163	-3.1782	5.8	3.7	126	0.0		29	20	174	5.40	5.40	3.5	Strait of Gibraltar
84		22:48:29.79	1.15	0.84	36.5472	-11.3216	16.4	5.6	93	27.9	18.5	28	16	245	2.08	6.56	3.7	Azores Cape St. Vincent R
85		23:48:03.18	0.67	1.25	36.8260	-5.6351	4.5	2.8	9	1.1	5.4	35	20	66	0.18	3.95	2.8	Strait of Gibraltar
86	19 Ene	01:12:00.64	0.66	1.00	36.8300	-5.7279	11.2	4.5	14	13.3	8.8	16	12	175	0.11	2.48	2.5	Strait of Gibraltar
87		02:20:36.05	1.34	0.74	34.0122	-6.5607	8.5	5.7	9	2.0	14.6	14	8	129	1.01	4.75	3.4	Morocco
88		02:52:14.82	1.15	1.15	37.9237	20.5235	25.9	10.6	35	43.5	25.0	12	12	162	4.39	19.76	4.9	Ionian Sea
89		13:28:05.38	4.00	1.12	39.4552	77.0345	38.3	13.2	35	64.0	33.9	11	11	176	8.01	67.05	6.4	Southern Xinjiang, China
90		16:58:16.96	1.75	1.54	0.1717	123.9834	28.0	14.4	14	109.5	15.7	17	17	167	1.71	124.39	6.4	Mindhassa Peninsula, Sula
91		20:25:48.63	0.40	0.45	38.2259	-7.9994	3.6	2.8	101	6.0	6.7	21	12	95	0.30	2.70	2.5	Portugal
92		20:48:14.77	1.89	0.65	36.3925	-8.9833	19.5	11.0	75	9.5	14.8	12	7	307	0.75	3.94	2.8	West of Gibraltar
93		21:43:24.68	1.02	0.33	38.4886	-8.0490	9.9	4.5	124	20.4	3.5	15	8	212	0.05	2.11	2.3	Portugal
94	20 Ene	06:51:25.09	1.94	0.90	-59.8945	-26.6762	73.1	18.2	11	0.0		10	10	212	46.42	98.63	6.3	South Sandwich Islands Re
95		13:59:36.89	0.51	0.71	36.9627	-5.2713	4.4	3.5	61	0.0		12	7	74	1.38	1.38	2.4	Strait of Gibraltar
96		19:44:49.17	0.56	0.90	37.9047	-3.1973	6.0	3.9	160	0.0		10	6	135	1.07	1.76	2.7	Spain
97		21:17:57.41	0.30	0.76	36.0464	-6.8213	3.5	2.6	70	40.2	22.1	50	29	114	0.70	5.83	3.5	Strait of Gibraltar
98	21 Ene	08:20:10.11	0.61	0.47	37.2200	-3.6745	5.5	4.1	28	0.0		8	4	131	0.19	1.19	1.0	Spain
99		09:43:16.12	0.47	0.64	36.1591	-8.2813	4.7	2.7	78	39.7	15.0	48	25	165	1.07	6.01	4.2	West of Gibraltar
100		13:13:51.06	0.36	0.68	37.7647	-6.6257	3.8	2.5	3	0.0		24	12	98	0.04	2.11	2.5	Spain
101		17:29:11.18	0.96	0.86	35.4384	-3.7635	5.3	4.0	101	0.0	8.2	30	18	109	0.67	5.37	3.3	Strait of Gibraltar
102	22 Ene	18:16:55.92	0.63	0.88	37.3346	-8.4598	7.7	4.5	159	10.0	6.0	16	9	148	0.36	2.52	2.2	Portugal
103		05:34:24.61	0.78	0.52	36.7705	-9.5788	7.9	3.9	95	35.8	12.5	29	15	205	0.70	6.15	3.2	West of Gibraltar
104		06:11:27.28	0.40	0.60	37.7972	-6.7585	3.6	2.9	13	0.0		17	10	97	0.07	1.67	2.1	Spain
105		13:50:23.02	0.57	0.81	37.7543	-6.6284	4.6	3.1	171	10.9	2.2	17	9	99	0.04	1.67	1.7	Spain
106		19:22:14.48	5.34	0.97	39.1089	27.9002	25.7	11.5	63	0.0	38.7	14	14	212	4.55	42.29	5.5	Turkey
107		20:51:44.22	2.20	0.61	36.6885	-9.5058	19.6	5.7	52	0.0		6	3	256	1.62	1.62	2.9	Strait of Gibraltar
108	23 Ene	01:48:50.23	0.95	0.63	36.4725	-9.8002	9.9	3.9	102	26.0	7.8	29	16	211	1.02	5.93	2.9	West of Gibraltar
109		02:09:44.04	1.45	1.96	36.6207	-7.6216	13.7	7.3	6	33.8	5.6	8	6	218	0.67	2.28	2.8	Strait of Gibraltar
110		05:53:02.11	2.44	1.47	51.7897	-178.1870	124.1	15.2	125	0.0		13	13	223	52.81	89.89	6.0	Andreanof Islands, Aleuti

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaij	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
111		14:17:22.82	0.47	0.72	37.7499	-6.5964	4.7	3.1	170	0.0		17	11	99	0.06	1.88	1.7	Spain
112		21:11:32.30	2.63	0.42	-26.7759	-63.8453	60.8	25.2	88	595.8	45.5	28	26	241	6.29	98.16	5.7	Santiago Del Estero Prov.
113		21:12:50.24	0.82	0.40	37.3019	-8.6313	12.8	5.9	165	23.8	9.1	8	5	158	0.23	1.32	1.1	Portugal
114		23:28:49.30	1.72	0.27	36.9195	-8.3794	15.1	6.6	170	27.2	8.6	8	5	253	0.42	1.64	1.5	West of Gibraltar
115	24 Ene	07:24:20.33	1.27	0.90	36.8773	5.6172	26.2	7.0	135	12.0	26.2	30	24	241	3.20	10.93	5.0	West of Gibraltar
116		08:34:16.52	2.23	0.30	36.4984	-7.3316	22.0	16.7	112	32.8	5.8	7	4	304	0.89	1.36	1.8	Northern Algeria
117		11:25:09.88	2.06	0.94	37.0924	5.4133	19.4	12.0	106	0.0		9	6	294	2.94	5.72	3.6	Strait of Gibraltar
118		14:04:12.91	0.50	0.52	37.7585	-6.5964	4.8	3.2	166	0.0		16	9	98	0.06	1.65	2.3	Western Mediterranean Sea
119		17:55:11.61	0.47	0.76	38.3971	39.1906	18.0	8.1	21	0.0		29	29	142	11.87	119.74	6.5	Spain
120		19:10:51.58	1.47	0.94	36.8848	5.6221	12.2	7.4	128	0.0		17	9	291	3.22	7.41	3.8	Turkey
121		21:02:13.60	1.55	0.85	36.8843	5.6035	13.0	7.7	127	0.0		15	8	291	3.19	7.40	3.9	Northern Algeria
122	25 Ene	06:40:19.52	1.25	0.89	36.9188	-12.7489	11.1	8.1	116	0.0		20	12	271	3.15	7.53	3.1	Northern Algeria
123		08:12:22.58	1.00	0.34	37.3435	-1.9585	17.0	4.3	172	0.0		9	6	178	0.38	2.84	1.9	Azores Cape St. Vincent R
124		08:15:13.57	1.76	0.37	38.0074	-0.3343	28.3	6.5	176	23.9	31.4	7	4	179	0.67	1.66	2.3	Spain
125		11:56:33.55	1.27	0.41	36.7559	-9.7541	11.8	9.5	300	23.5	9.5	22	12	282	0.83	4.35	2.6	Spain
126		16:30:08.66	10.44	1.13	38.0565	39.4170	93.8	41.2	100	37.7	48.9	12	12	314	11.99	38.02	5.1	West of Gibraltar
127		17:18:49.12	1.57	0.42	36.9461	-5.2812	17.8	6.6	75	0.0		5	3	221	0.56	1.34	1.9	Turkey
128		19:05:06.92	0.54	0.48	36.9053	-5.2842	9.8	3.7	3	20.1	9.0	16	10	136	0.46	2.31	1.9	Strait of Gibraltar
129	26 Ene	01:12:29.97	0.61	0.72	37.0611	-5.1502	6.2	4.7	64	5.6	7.0	11	7	102	0.58	2.23	1.6	Strait of Gibraltar
130		02:20:59.55	0.44	0.62	38.4700	-6.9905	9.9	3.0	53	0.0		17	10	101	0.29	1.92	1.8	Spain
131		02:32:55.36	1.14	0.81	37.1094	-13.5562	9.9	6.4	114	0.0		29	15	282	3.78	8.09	3.7	Spain
132		02:37:18.85	0.66	0.50	36.9625	-5.2255	7.0	5.7	103	17.3	8.1	12	8	122	0.51	2.28	1.6	Azores Cape St. Vincent R
133		06:32:02.21	7.12	0.66	50.8872	-1.79.8394	59.0	14.1	125	90.9	59.2	18	18	223	53.93	133.71	5.9	Strait of Gibraltar
134		11:23:17.83	1.66	0.37	35.6831	-8.7418	15.3	8.9	1	34.3	2.1	16	11	290	1.45	4.16	2.3	Andreeof Islands, Aleuti
135		12:43:01.16	2.01	0.71	36.8722	5.7923	96.2	17.9	123	17.3	88.1	8	5	317	3.72	6.08	3.5	West of Gibraltar
136		13:38:15.43	0.62	0.30	36.7150	-7.5485	7.6	6.9	114	41.5	56.1	15	12	115	1.00	5.78	2.3	Northern Algeria
137		16:10:10.55	0.65	0.58	37.0538	-5.2144	6.0	3.7	48	0.0		10	5	158	0.60	1.36	1.3	Strait of Gibraltar
138		21:22:55.06	0.60	0.60	36.8162	-4.6819	19.8	7.6	159	20.8	17.0	6	6	167	0.26	1.39	1.3	Spain
139	27 Ene	01:40:29.06	1.12	0.16	38.6747	-7.7864	29.8	4.1	139	10.5	19.4	7	4	107	0.23	1.43	0.6	Portugal
140		02:37:10.60	1.46	0.95	35.8500	-0.2271	21.4	6.1	114	21.0	19.5	17	10	260	1.84	6.14	3.2	Northern Algeria
141		02:50:36.80	0.44	0.68	37.1006	-5.1999	3.9	3.1	8	6.1	4.4	25	15	99	0.57	2.65	2.1	Spain
142		05:01:57.28	0.99	2.98	-11.2445	160.9627	88.4	19.5	178	0.0		21	21	271	35.88	157.57	6.3	Solomon Islands
143		10:50:25.37	1.61	0.42	36.7813	-8.2010	11.7	5.4	176	0.0		9	6	241	0.51	3.20	5.5	West of Gibraltar
144	28 Ene	15:38:33.58	2.11	1.65	35.2543	28.4518	26.8	12.1	49	47.5	15.9	23	23	201	2.91	59.45	6.6	Solomon Islands
145		19:10:42.83	6.75	0.84	19.3160	-78.5632	36.7	12.6	119	150.2	57.4	27	27	120	40.28	155.97	6.6	Eastern Mediterranean Sea
146		21:55:23.12	9.13	0.55	20.6844	-80.6664	227.1	161.7	18	0.0		15	15	350	57.21	68.59	6.3	Cuba Region
147	29 Ene	01:58:14.73	0.41	0.99	36.9629	-5.7658	3.4	2.6	15	6.4	3.4	34	21	63	0.12	3.88	2.6	Cuba Region
148		07:29:01.37	1.00	0.20	37.0117	-5.2754	14.9	6.6	165	7.8	9.9	7	5	169	0.49	1.34	2.1	Strait of Gibraltar
149		12:26:18.37	1.21	0.19	37.0666	-5.1766	8.8	6.7	179	8.3	7.4	9	5	198	0.85	1.90	2.3	Spain
150		13:49:47.72	9.25	1.63	-10.7186	161.2583	68.5	36.1	4	77.4	74.6	17	17	138	36.06	154.10	6.0	Solomon Islands
151		19:10:51.64	1.01	1.34	36.2926	-9.8027	8.6	5.9	78	0.0		23	14	244	1.15	4.74	2.6	West of Gibraltar
152		22:41:22.59	0.35	0.65	37.7875	-6.7561	3.1	2.6	16	0.0		28	12	86	0.07	1.76	2.1	Spain
153	30 Ene	01:28:15.81	1.50	1.91	35.5507	27.3238	14.6	10.0	42	81.4	12.5	22	21	100	2.01	49.25	5.3	Dodecanese Islands, Greece
154		04:16:11.03	1.29	0.80	36.6080	-11.2592	20.0	6.0	85	24.9	19.5	25	15	258	2.02	5.90	3.4	Azores Cape St. Vincent R
155		08:04:42.67	0.49	0.84	37.1328	-5.2285	4.0	2.8	1	0.6	3.8	29	29	101	0.57	2.55	2.5	Spain
156		08:09:21.23	0.39	1.16	37.1521	-5.2551	4.7	2.8	5	0.0		26	13	137	0.56	2.52	2.4	Spain
157		11:21:40.90	1.62	0.75	35.2894	27.8477	17.0	9.6	32	51.0	14.7	28	28	120	2.42	76.12	5.5	Dodecanese Islands, Greece
158		13:15:41.57	0.47	0.65	37.7380	-6.5993	4.6	3.3	168	7.2	4.8	18	10	99	0.06	1.65	2.3	Spain
159		13:52:35.93	1.51	1.22	36.8353	5.6897	13.7	9.0	128	0.0		16	11	292	3.25	7.85	4.0	Northern Algeria
160		14:07:41.51	0.48	0.60	37.8973	-6.6037	3.7	3.4	123	0.0		17	9	99	0.14	1.24	2.0	Spain
161	31 Ene	01:26:50.01	2.15	1.16	45.4761	26.6803	21.7	12.3	50	159.9	16.8	17	17	185	10.07	69.51	5.0	Romania
162		05:13:30.83	1.31	0.50	36.5600	-9.8692	33.1	8.4	46	24.4	31.8	22	11	287	1.01	4.51	2.9	West of Gibraltar
163		13:44:29.03	0.42	0.45	37.7277	-6.6147	3.7	2.9	11	0.0		19	10	101	0.06	1.67	2.2	Spain
164		19:38:06.03	2.10	0.82	36.2153	-9.4261	26.9	14.7	90	37.7	32.2	14	8	323	1.03	4.33	2.8	West of Gibraltar
165	01 Feb	13:10:03.31	1.32	0.34	36.3223	-9.7863	34.4	8.5	43	23.1	32.4	22	11	289	1.12	4.55	3.0	West of Gibraltar

**SISMOS DETECTADOS EN EL AÑO 2020**

Núm	Date	Ho	Err	RMS	Latitud	Longitud	SmaJ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
166		13:16:08.16	1.68	0.38	35.0898	-11.5102	38.9	13.8	67	34.6	85.9	21	12	293	2.98	8.37	3.5	Azores Cape St. Vincent R
167		14:28:08.54	0.90	0.64	43.4664	-13.9966	20.6	14.0	135	15.4	18.6	24	12	337	5.74	9.07	4.5	North Atlantic Ocean
168		16:49:56.60	1.00	0.57	36.1632	-8.4364	11.7	5.1	60	37.4	20.4	24	13	208	1.02	3.79	2.7	West of Gibraltar
169		21:55:15.64	1.02	1.01	36.9006	-7.3361	8.2	3.8	171	0.0		17	10	222	0.59	2.53	2.2	Straight of Gibraltar
170	02 Feb	01:57:40.97	0.41	0.83	35.4510	-3.7567	4.2	2.9	22	0.0		30	16	108	0.67	4.20	2.8	Straight of Gibraltar
171		06:38:12.32	0.66	1.28	35.4103	-3.6582	4.7	3.5	151	4.7	5.7	37	20	112	0.58	5.38	3.3	Straight of Gibraltar
172	03 Feb	03:06:33.64	1.05	0.48	36.6449	-8.0118	10.7	5.6	22	32.0	23.6	8	9	220	0.60	1.38	2.3	West of Gibraltar
173		03:14:05.45	1.61	1.48	35.4916	-3.7113	12.6	5.3	53	0.0		15	4	255	0.64	1.38	2.0	Straight of Gibraltar
174		04:37:05.51	1.09	1.33	36.4321	-4.8272	11.5	4.9	168	38.7	15.1	19	10	223	0.46	2.90	2.3	Straight of Gibraltar
175		14:45:17.85	0.32	0.69	36.8233	-4.4631	2.6	2.0	176	66.3	8.9	41	34	41	0.07	6.43	3.5	Straight of Gibraltar
176	04 Feb	00:56:51.63	0.57	0.91	36.6345	-7.1592	4.4	2.8	35	17.8	3.8	63	18	139	0.58	4.88	2.5	Straight of Gibraltar
177		02:38:05.17	1.63	0.22	35.5071	-3.7745	12.0	9.9	54	20.9	12.0	9	5	243	0.70	1.62	2.1	Straight of Gibraltar
178		07:58:14.11	2.07	0.71	37.1314	-13.2139	16.9	14.4	172	0.0		13	9	328	3.51	5.89	3.1	Azores Cape St. Vincent R
179	05 Feb	12:17:11.89	8.81	0.85	-54.1368	159.3634	49.2	21.0	42	65.0	77.2	9	8	175	52.36	156.65	5.9	Macquarie Island Region
180		18:12:37.43	0.94	1.71	-6.1734	113.1178	18.9	6.7	7	613.8	12.0	20	16	140	10.90	113.98	5.9	Java, Indonesia
181		23:39:55.35	1.97	0.78	36.7942	-3.4177	15.6	7.9	139	24.3	9.3	8	4	270	0.18	0.81	1.5	Straight of Gibraltar
182	06 Feb	01:29:16.19	1.93	1.23	36.7116	0.7881	25.2	7.8	147	14.6	22.2	11	6	263	1.68	3.55	2.5	Northern Algeria
183		05:17:45.79	1.76	0.66	36.2769	-9.0388	26.6	10.0	88	4.1	10.8	11	9	310	0.87	4.03	2.9	West of Gibraltar
184		08:00:04.70	1.76	1.08	36.2450	1.1727	15.0	8.4	148	0.0		14	7	266	2.20	3.75	2.8	Northern Algeria
185		09:24:19.38	0.90	0.89	39.2564	21.5547	14.8	5.2	38	49.2	11.0	25	20	18	4.77	60.84	5.3	West of Gibraltar
186		13:40:13.61	3.01	1.44	5.1170	126.1547	27.2	15.2	48	70.0	24.6	21	20	172	6.99	158.91	6.3	Northern Algeria
187		22:17:39.78	0.47	0.63	36.2269	-8.1553	4.6	3.4	85	42.1	33.0	47	27	157	1.03	6.60	3.6	Mindanao, Philippines
188	07 Feb	00:40:06.72	1.50	0.58	37.1372	-15.0540	24.7	11.3	166	0.0		18	10	338	4.90	8.37	3.5	West of Gibraltar
189		01:30:40.66	0.52	0.28	37.0033	-3.7625	4.9	3.9	9	2.2	7.8	12	6	104	0.17	1.70	1.2	Azores Cape St. Vincent R
190		02:48:02.69	0.62	0.33	37.8443	-8.0812	7.3	3.3	113	0.0		12	6	160	0.21	1.24	1.2	Spain
191		06:46:45.77	1.45	0.90	36.7810	-7.3179	10.8	4.6	167	0.0		12	7	237	0.67	1.99	2.0	Straight of Gibraltar
192		12:47:01.96	0.56	0.99	38.3225	-1.2669	10.4	3.3	81	0.0		9	5	153	0.39	1.29	2.3	Spain
193		12:51:48.25	0.78	0.52	37.3908	-7.1718	6.5	3.6	159	0.0		14	7	196	0.55	1.55	1.6	Portugal
194		17:44:13.00	1.49	1.00	36.5802	1.5055	20.8	5.5	142	4.1	14.2	17	12	243	2.24	5.72	3.3	Portugal
195	08 Feb	01:47:10.92	1.86	0.27	37.7310	-1.6899	10.7	6.2	47	6.5	20.6	8	4	187	0.07	0.92	1.3	Northern Algeria
196		01:54:37.38	1.50	0.33	39.7826	-0.4083	11.2	5.6	9	0.0	8.6	15	4	194	0.47	2.24	1.7	Spain
197		04:08:19.49	1.57	1.35	36.9384	5.5538	13.6	8.2	123	0.0		15	9	297	3.12	5.88	3.7	Spain
198		14:33:48.25	3.79	2.41	-63.8788	-29.1281	104.8	18.1	22	663.0	78.3	7	7	218	47.60	101.96	5.4	Northern Algeria
199	09 Feb	00:54:11.20	0.56	0.78	37.3665	-8.5128	6.1	3.6	138	0.0		17	10	151	0.34	3.22	1.7	Southwestern Atlantic Oce
200		02:01:45.83	1.53	0.29	36.5815	-9.8377	12.4	10.0	178	16.9	6.8	17	10	286	0.98	3.82	2.2	Portugal
201		03:00:27.20	0.94	0.34	36.9725	-5.3107	7.7	5.5	28	9.2	8.2	12	8	171	0.74	2.23	1.6	West of Gibraltar
202		06:04:22.91	0.53	1.80	-4.9502	152.1954	36.9	15.3	171	0.0		23	21	148	26.31	147.73	6.3	Straight of Gibraltar
203		18:31:09.62	0.83	0.77	35.1588	-3.4511	6.8	5.0	118	12.3	9.2	23	13	149	0.43	4.97	2.8	Straight of Gibraltar
204		20:15:01.26	1.67	1.71	35.2332	-3.6131	12.8	5.3	29	0.0		9	5	253	0.55	1.66	2.1	Straight of Gibraltar
205		22:56:32.15	0.48	0.98	36.5662	-3.0818	4.2	3.4	9	0.0	4.6	17	9	116	0.53	2.41	2.1	West of Gibraltar
206		23:43:28.49	2.04	0.62	37.3955	-1.6007	16.0	9.1	9	11.2		4	4	276	0.27	1.25	1.3	Straight of Gibraltar
207	10 Feb	11:42:14.43	1.21	0.65	35.5678	-6.4944	18.0	4.9	6	20.9	17.0	23	12	240	0.97	5.01	3.3	Spain
208		13:43:17.24	1.14	1.02	37.5086	-6.6584	8.7	5.8	26	3.0	6.3	12	7	204	0.20	1.75	2.5	Straight of Gibraltar
209		14:32:08.69	0.46	0.31	37.6710	-1.6431	5.4	3.3	148	2.8	5.2	13	7	113	0.04	2.37	2.1	Spain
210		15:05:18.50	1.35	0.51	35.9568	-6.4609	7.9	5.2	54	21.0	10.4	12	12	157	2.03	4.97	2.5	Straight of Gibraltar
211		17:04:34.12	0.82	0.52	39.4602	-8.9190	6.3	4.8	138	0.0		11	11	183	0.58	3.63	2.9	Portugal
212		20:19:21.63	1.04	0.65	36.5467	-7.4952	11.3	4.5	35	24.1	11.7	22	14	189	0.78	2.83	2.7	Straight of Gibraltar
213		20:20:07.99	0.53	0.83	36.9670	-5.8407	5.3	4.0	83	0.0		12	6	133	0.10	1.56	2.4	Straight of Gibraltar
214		22:46:55.09	2.22	1.06	35.2257	27.8832	23.6	15.2	60	53.0	16.2	19	19	184	2.45	49.72	5.0	Straight of Gibraltar
215	11 Feb	03:09:55.05	0.88	0.82	38.0123	-0.7034	6.8	4.1	104	5.6	7.6	12	6	152	0.46	3.03	2.5	Dodecanese Islands, Grec
216		07:22:22.68	1.26	0.38	41.4724	-8.3816	15.3	6.2	119	20.7	3.0	15	9	232	1.32	4.09	3.1	Spain
217		21:07:34.13	0.51	0.42	37.7796	-6.8150	4.3	3.1	3	0.0		8	8	143	0.11	1.25	1.6	Portugal
218		23:43:10.40	0.79	0.82	32.9563	-6.8150	7.2	4.1	111	23.4	2.5	17	14	202	0.57	6.83	3.5	Spain
219	12 Feb	04:58:46.83	0.58	1.10	36.5829	-2.6958	4.5	3.3	153	3.6	4.4	19	10	150	0.55	2.27	2.0	Morocco
220		13:40:38.53	0.56	0.58	37.7484	-6.5778	5.0	3.1	175	0.0		17	9	170	0.08	1.64	2.0	Straight of Gibraltar

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitude	Longitude	SmaJ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
221		20:28:52.93	0.95	0.64	36.6508	-6.1106	11.3	6.9	116	7.2	9.7	11	7	163	0.28	1.94	1.8	Strait of Gibraltar
222		21:05:29.67	0.48	0.89	37.5144	-6.6740	4.1	3.4	30	13.4	4.4	21	11	68	0.25	1.78	1.8	Spain
223	13 Feb	07:14:30.43	0.54	1.13	36.7312	-6.5122	4.2	3.5	46	17.2	4.4	26	19	90	0.36	3.50	2.8	Strait of Gibraltar
224		10:33:49.33	4.76	0.97	45.2753	14.98155	26.5	11.9	103	217.8	42.3	42	42	138	51.66	141.64	6.7	Kunir Islands
225	14 Feb	21:37:03.16	0.52	0.43	37.0603	-4.1492	4.6	4.2	98	2.1	7.8	12	6	102	0.06	1.43	1.9	Spain
226	15 Feb	20:24:46.64	1.00	0.37	36.2877	-3.9203	9.7	4.2	45	0.0	0.0	8	4	203	0.63	0.83	1.3	Strait of Gibraltar
227		21:13:14.09	2.59	0.18	36.9166	-3.9797	41.7	11.9	49	72.7	14.2	6	3	232	0.22	1.34	1.3	Strait of Gibraltar
228		21:30:26.62	0.76	0.39	37.6206	-1.7653	7.0	4.2	125	8.1	9.0	10	5	160	0.07	1.04	1.3	Spain
229	16 Feb	23:01:18.75	1.09	0.49	37.5101	-17.1712	30.5	23.1	2	20.2	21.7	16	9	343	6.38	8.33	4.1	Azores Cape St. Vincent R
230		12:09:48.66	0.66	0.37	37.5438	-7.4771	8.4	4.1	157	16.6	4.6	14	8	136	0.01	1.26	1.6	Portugal
231		12:30:50.72	5.66	0.64	27.1498	55.7942	19.2	9.1	38	39.2	49.3	28	28	120	27.56	75.77	6.2	Southern Iran
232		14:05:48.34	1.73	0.50	36.5703	-7.1602	13.0	8.4	15	18.1	7.7	11	6	275	0.91	2.05	1.7	Strait of Gibraltar
233		21:09:40.17	0.60	0.63	36.4969	-7.6619	4.4	3.2	70	30.6	12.4	36	24	128	0.78	5.57	2.9	Strait of Gibraltar
234		21:56:54.61	0.57	0.99	32.5920	-4.2655	4.7	3.5	135	20.1	1.3	61	37	200	1.17	10.90	5.0	Morocco
235		22:06:41.42	0.63	1.14	32.5783	-4.4251	4.8	4.4	155	11.0	1.0	56	10	111	0.61	9.53	4.2	Morocco
236	17 Feb	03:08:23.58	1.43	0.82	40.0552	-0.4575	13.0	6.7	29	16.4	13.4	10	7	161	0.61	5.11	2.8	Spain
237		04:33:58.36	1.50	1.25	32.4582	-2.3387	15.0	7.1	120	22.8	1.2	9	6	249	2.57	4.53	3.4	Morocco
238		12:15:05.36	0.54	0.59	37.2512	-1.9242	8.4	3.4	150	21.8	2.3	16	7	153	0.36	2.89	2.1	Morocco
239		14:03:12.22	0.41	0.70	37.7300	-6.6126	4.0	2.8	5	0.0	0.0	19	10	100	0.06	1.67	1.9	Spain
240		14:20:23.40	0.82	1.01	37.2183	-15.0081	13.0	5.9	104	13.1	13.0	53	29	208	4.74	10.73	5.2	Azores Cape St. Vincent R
241		18:19:37.79	2.42	0.46	38.0027	-0.6166	22.7	10.0	66	20.7	13.0	7	4	226	0.52	1.61	1.5	Spain
242		19:08:44.53	1.84	0.41	37.2382	-1.5365	35.7	4.8	145	18.3	19.1	7	4	193	0.55	1.40	1.6	Spain
243		23:46:57.68	1.27	1.53	40.9526	10.0897	20.5	5.1	138	8.1	14.0	22	15	192	2.85	13.50	4.3	Tyrrhenian Sea
244	18 Feb	04:33:09.87	2.69	0.45	36.5670	-11.2352	19.5	5.4	96	40.2	109.4	29	16	244	6.54	6.54	3.1	Azores Cape St. Vincent R
245		07:29:35.84	1.87	0.82	86.1125	21.9067	41.0	17.6	175	0.0	0.0	37	37	228	15.96	88.58	5.9	North of Svalbard
246		10:33:33.25	0.55	0.72	36.4788	-2.6790	5.0	3.5	90	5.2	8.5	14	7	153	0.61	2.34	2.2	Strait of Gibraltar
247		14:20:42.67	0.53	0.43	37.7254	-6.5929	4.8	2.9	168	0.0	0.0	17	9	172	1.05	1.65	1.9	Spain
248		14:21:14.71	0.55	0.44	37.7032	-6.6007	5.0	3.1	164	0.0	6.6	16	8	173	0.09	1.67	1.7	Spain
249		15:30:34.18	1.16	0.68	35.9430	-7.6167	9.7	5.4	32	4.1	22	22	12	248	1.32	5.54	2.8	Strait of Gibraltar
250		16:09:19.70	3.88	0.89	39.1540	28.1646	60.0	16.4	82	0.0	0.0	11	11	264	4.66	28.32	5.2	Turkey
251	19 Feb	02:54:08.04	0.60	0.47	38.7410	-7.6525	5.3	3.5	123	0.0	0.0	11	6	147	0.14	1.21	1.0	Portugal
252		07:32:53.28	2.30	0.75	37.2077	5.7243	18.3	17.0	159	0.0	0.0	8	5	316	3.43	5.93	3.5	Western Mediterranean Sea
253		12:47:07.79	1.27	0.72	39.9605	-8.4866	9.4	6.9	168	0.0	6.6	14	9	267	1.18	3.53	2.5	Portugal
254	20 Feb	05:50:12.23	0.92	0.54	38.7969	-2.8182	4.8	3.3	2	0.2	0.0	23	14	77	1.01	3.37	2.8	Spain
255		07:40:39.10	0.63	0.39	38.8423	-2.7920	7.5	4.9	177	0.0	0.0	8	4	143	0.99	1.60	2.4	Spain
256		18:57:45.10	5.85	0.69	53.4761	160.4357	32.9	12.1	108	115.7	49.7	27	27	145	53.56	132.51	6.1	Near East Coast of Kamcha
257		23:31:45.34	0.70	1.11	39.2265	-0.4957	6.0	3.5	160	12.4	5.8	22	13	122	0.52	4.02	2.9	Spain
258	21 Feb	02:55:17.45	0.95	1.07	36.7643	5.6997	9.2	5.8	132	0.0	0.0	27	19	220	3.32	12.23	4.8	Northern Algeria
259		04:02:50.34	0.71	1.13	32.6610	-4.1660	6.3	4.8	116	0.0	0.0	34	20	213	1.17	6.79	4.0	Morocco
260		05:29:40.39	1.23	0.82	40.3444	-2.9326	13.3	4.7	10	0.0	0.0	9	5	214	0.24	2.82	2.0	Spain
261		06:08:23.35	1.73	0.56	37.0631	-2.7256	30.6	4.6	177	0.0	0.0	5	3	207	0.21	0.75	2.0	Spain
262		08:13:11.85	2.05	0.37	36.4643	-3.9803	17.2	8.1	0	24.5	15.2	7	4	246	0.47	0.98	1.5	Spain
263		12:46:27.90	3.13	0.17	38.1360	-1.2996	67.1	4.8	69	6.4	116.0	5	3	177	0.30	0.60	2.4	Strait of Gibraltar
264	22 Feb	13:50:00.13	0.54	1.12	37.7204	-6.5932	5.6	3.0	170	0.0	0.0	16	9	172	0.08	1.66	2.4	Spain
265		07:12:16.00	0.37	0.57	37.6694	-4.4915	4.5	2.4	28	0.0	0.0	21	11	81	0.56	2.03	2.3	Spain
266		08:08:01.02	0.65	0.79	42.3598	-2.8741	7.7	3.3	156	22.1	0.8	35	19	209	2.07	6.16	4.1	Spain
267		15:01:56.57	1.61	0.18	36.8234	-4.7253	36.4	13.6	139	18.2	32.5	7	4	232	0.25	1.37	1.3	Strait of Gibraltar
268		16:52:35.12	1.43	0.95	35.3417	-0.7333	32.8	7.3	160	25.9	32.8	17	10	280	2.02	4.65	2.8	Northern Algeria
269		18:34:54.21	0.78	0.69	34.3002	-5.7188	8.1	3.1	86	21.3	6.1	13	13	134	0.92	4.80	3.1	Morocco
270		19:36:12.53	1.27	1.06	35.7649	-0.2942	11.4	6.7	147	0.0	0.0	14	14	237	1.91	3.51	2.7	Northern Algeria
271		19:44:41.66	1.07	0.84	36.5178	-12.4206	23.1	5.4	95	28.5	23.9	31	16	263	2.95	8.14	3.5	Azores Cape St. Vincent R
272		20:08:23.78	0.55	1.50	35.9361	-7.6563	7.6	4.2	86	0.0	0.0	18	11	146	1.30	5.01	2.2	Strait of Gibraltar
273		22:04:14.06	1.45	0.35	36.9055	-4.7543	16.8	4.5	53	0.0	8.1	6	3	217	0.32	1.28	1.1	Portugal
274	23 Feb	00:01:09.77	0.63	0.47	37.3096	-8.5117	7.2	4.2	149	4.5	8.1	9	7	142	0.31	1.53	1.1	Portugal
275		05:53:02.17	5.04	1.48	38.7158	44.4951	18.8	9.4	32	29.6	36.0	29	29	119	16.03	88.16	5.6	Turkey-Iran Border Region

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitude	Longitude	SmaJ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z. Geo.
276		08:18:58.50	2.79	0.97	36.0306	-0.8695	36.1	16.5	108	0.0		6	4	315	1.43	2.66	2.0	Western Mediterranean Sea
277		10:01:29.95	1.57	0.27	36.5517	-7.1244	14.2	11.3	170	45.1	58.3	12	7	275	0.95	2.10	1.9	Strait of Gibraltar
278		10:06:58.06	0.61	0.63	36.8827	-4.0317	8.0	4.3	178	0.0		8	5	156	0.33	1.62	1.3	Strait of Gibraltar
279		11:38:00.03	0.59	0.55	40.1087	0.7821	6.0	3.8	160	20.6	2.1	18	11	118	1.16	5.23	3.2	Spain
280		16:00:29.79	0.47	1.24	38.6094	44.5875	18.6	8.0	24	0.0		29	29	119	16.09	88.07	5.7	Turkey-Iran Border Region
281	24 Feb	04:18:11.65	1.72	0.45	36.6199	-7.3197	14.1	7.1	27	17.6	6.9	10	6	244	1.98	1.86	1.6	Strait of Gibraltar
282		05:02:21.34	0.59	0.41	36.8266	-3.0491	5.7	3.1	19	18.2	6.9	13	7	101	0.15	1.11	1.5	Strait of Gibraltar
283		14:15:04.96	0.53	0.50	37.7339	-6.5997	5.4	3.1	170	0.0		16	9	171	1.66	1.66	1.8	Spain
284		23:40:05.94	1.74	0.50	38.1359	-0.5500	16.9	7.9	24	20.6	28.6	9	5	154	0.62	1.73	1.5	Spain
285	25 Feb	01:57:15.46	0.83	0.66	36.2461	-3.3386	6.8	5.1	16	0.0		8	5	139	0.66	1.16	1.6	Strait of Gibraltar
286		09:41:05.24	1.12	0.95	35.3784	-3.7242	13.4	6.5	149	21.9	17.0	14	8	194	0.63	1.66	2.4	Strait of Gibraltar
287		12:57:37.41	0.55	0.63	37.1183	-4.1329	5.5	4.6	43	5.1	5.3	10	6	99	0.02	1.40	1.5	Spain
288		18:46:15.94	0.36	0.80	36.5233	-7.3062	4.2	3.2	52	45.8	20.2	38	23	115	0.74	5.59	3.0	Strait of Gibraltar
289		23:03:30.70	7.71	1.08	37.6678	39.5709	51.4	24.5	131	12.5	39.3	24	24	285	12.06	50.96	5.4	Turkey
290	26 Feb	03:05:03.32	0.69	0.65	37.3512	-1.6432	7.1	3.9	130	0.0		16	5	165	0.31	1.29	1.4	Spain
291		07:33:16.33	2.25	1.51	-7.7341	130.8862	19.3	10.4	107	93.0	17.0	16	14	148	6.84	146.00	6.4	Taninibar Islands Reg., In
292		20:21:57.46	0.68	0.55	37.7525	-3.2627	4.8	3.5	15	3.3	5.9	17	10	123	0.56	1.74	1.8	Spain
293		22:10:40.12	0.48	0.66	37.0001	-3.7599	4.7	3.2	14	0.0		12	6	103	0.17	1.33	1.3	Spain
294	27 Feb	03:36:20.54	1.03	1.03	40.2356	-3.7834	9.1	4.1	153	0.0		8	5	193	0.42	3.24	1.7	Spain
295		04:46:55.87	0.54	0.41	37.1327	-5.3123	4.7	3.3	171	5.7	4.9	17	9	138	0.51	2.09	1.7	Spain
296		05:31:46.92	0.94	0.78	36.5784	-7.0971	4.7	3.2	61	23.0	7.6	26	14	133	0.94	5.64	2.6	Strait of Gibraltar
297		06:19:22.09	0.96	0.76	38.7804	-0.5470	8.9	4.1	156	14.1	8.7	16	10	116	0.79	5.13	2.8	Spain
298		10:09:55.27	0.76	0.60	37.3134	-8.5846	10.4	4.6	160	11.0	4.8	11	6	153	0.26	1.50	1.4	Portugal
299		15:39:17.51	0.76	0.47	38.5196	-1.1046	8.1	4.5	62	16.0	9.6	12	7	100	0.37	3.17	2.2	Spain
300		17:23:01.76	0.69	0.57	36.4277	-5.7550	6.8	4.1	41	0.0		15	10	159	0.45	2.02	2.2	Spain
301		17:41:25.31	1.08	0.51	36.6776	-9.7076	8.3	4.9	88	29.1	7.9	26	14	218	0.84	4.90	2.7	Strait of Gibraltar
302	28 Feb	02:50:21.53	0.57	1.34	35.2984	-3.4538	4.2	3.0	139	8.5	4.7	46	25	127	0.41	5.40	3.3	West of Gibraltar
303		07:43:32.97	1.57	0.61	36.2647	-8.5627	13.5	7.0	39	21.3	2.4	14	9	272	0.89	2.71	2.3	Strait of Gibraltar
304		11:41:29.52	0.65	0.78	33.6440	-5.0082	6.6	3.5	114	0.0		28	16	170	0.16	5.61	3.5	West of Gibraltar
305		23:51:51.33	1.81	0.35	36.3204	-7.9754	18.1	8.7	37	36.6	27.7	12	8	248	0.92	2.69	1.6	Morocco
306	29 Feb	03:05:29.26	0.70	1.63	35.1847	-14.5120	7.3	4.9	71	22.6	8.9	77	41	144	3.24	20.93	5.6	Strait of Gibraltar
307		03:37:47.41	0.72	1.02	35.2546	-14.7166	8.9	4.6	135	69.0	6.1	23	14	186	3.18	8.65	3.7	Cape St. Vincent R
308		07:03:31.65	2.31	0.15	36.7394	-7.5840	22.4	8.4	35	38.7	22.8	7	5	246	0.57	1.82	1.4	Strait of Gibraltar
309		07:10:35.30	1.79	0.23	36.7718	-7.5494	15.8	7.2	30	29.6	8.9	8	5	241	0.56	1.79	1.4	Strait of Gibraltar
310		10:45:50.03	1.49	0.31	35.5602	-9.7582	16.5	11.1	30	74.0	68.2	17	9	289	1.74	3.41	2.7	West of Gibraltar
311		21:14:13.20	1.75	0.43	36.7410	-9.7510	14.0	12.0	33	23.6	9.7	16	10	310	0.84	4.36	2.0	West of Gibraltar
312	01 Mar	01:00:27.86	0.80	0.26	37.3302	-8.5733	12.9	4.8	158	19.8	11.4	9	5	154	0.28	1.28	1.3	Portugal
313		03:10:07.92	0.50	0.73	37.1573	-5.3025	4.2	2.9	9	0.6	4.7	20	11	117	0.53	2.10	1.9	Spain
314		04:52:36.94	1.66	0.62	36.4712	-11.7705	15.7	12.2	139	0.0		16	10	314	2.45	5.98	3.1	Cape St. Vincent R
315		08:21:34.95	0.71	0.74	39.3765	0.1223	9.4	3.7	0	16.4	6.8	12	6	153	0.87	3.87	2.9	Spain
316		14:35:46.90	0.63	0.66	35.4949	-3.8338	4.9	4.6	93	0.0		12	7	143	0.76	2.76	2.6	Strait of Gibraltar
317		16:54:04.14	2.18	0.58	36.4290	-7.5937	13.1	8.7	168	6.7	7.0	12	6	277	0.86	1.80	2.4	Strait of Gibraltar
318	02 Mar	00:31:09.65	0.99	0.64	50.7975	-179.2317	48.6	14.3	125	0.0		18	18	149	53.93	117.99	5.9	Andreanof Islands, Aleuti
319		02:30:20.92	3.09	0.23	36.3785	-4.4440	30.4	10.3	6	34.8	32.1	7	4	282	0.38	1.86	2.3	Strait of Gibraltar
320		07:35:10.92	1.05	0.43	36.8068	-7.0294	7.8	4.4	3	5.9	4.9	15	9	197	0.81	1.89	2.4	Strait of Gibraltar
321		15:26:23.09	2.28	0.12	38.0395	-0.5217	30.4	15.2	66	27.5	97.4	6	4	273	0.59	1.01	2.6	Strait of Gibraltar
322	03 Mar	05:49:08.22	1.19	0.80	36.9549	-9.8616	8.3	7.4	86	20.9	8.9	23	14	213	0.85	6.40	2.6	Spain
323		09:27:06.27	0.77	0.48	34.2706	-5.7454	6.1	3.7	98	23.3	5.7	17	9	132	0.91	4.03	3.3	West of Gibraltar
324		14:08:04.89	0.46	0.48	37.7514	-6.6174	4.5	3.2	11	0.3	8.8	29	15	108	0.05	1.67	2.4	Morocco
325		15:46:05.69	1.11	0.71	36.6678	-11.1828	15.5	4.8	95	27.5	17.2	29	15	243	1.94	6.60	3.6	Azores Cape St. Vincent R
326		15:53:56.26	0.70	1.82	35.2209	-14.7030	10.5	4.4	142	0.0		21	12	186	3.16	8.10	4.2	Cape St. Vincent R
327		17:05:11.48	1.14	0.60	36.5552	-7.9500	10.7	5.4	16	32.5	21.7	20	11	280	0.69	3.13	2.6	Strait of Gibraltar
328	04 Mar	02:23:53.82	1.76	0.96	36.3020	-8.1978	13.8	8.8	9	45.4	46.8	11	7	256	0.96	2.23	2.5	West of Gibraltar
329		11:07:24.01	1.47	0.56	36.7629	-11.0812	12.4	10.4	6	0.0		20	11	314	1.84	5.36	3.4	Azores Cape St. Vincent R
330		20:59:24.21	0.83	1.01	39.9772	-0.4959	5.2	3.0	163	9.3	5.0	29	18	110	0.53	6.34	3.6	Spain

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	SmaJ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
331	05 Mar	10:40:09.30	1.08	0.53	36.6552	-7.0218	9.4	4.2	2	55.7	21.2	19	11	210	0.94	2.46	2.4	Strait of Gibraltar
332	05 Mar	17:02:36.70	0.46	0.67	-5.5823	31.2748	5.2	3.3	91	0.0		26	14	144	0.94	5.45	3.8	Morocco
333	06 Mar	10:28:42.14	0.77	1.73	-31.2418	58.5558	30.0	8.4	23	0.0		18	17	222	14.03	89.75	5.8	Southwest Indian Ridge
334	07 Mar	20:58:04.52	0.60	1.01	32.5302	-16.6860	7.6	4.7	152	0.0		62	34	118	7.83	72.52	6.0	Madeira Islands, Portugal
335	08 Mar	04:33:00.27	0.52	0.88	36.3951	-7.8352	5.1	4.1	46	43.4	31.8	31	16	138	0.85	5.48	3.0	Strait of Gibraltar
336	08 Mar	12:57:43.90	0.31	1.26	36.9976	-5.3257	3.8	2.7	9	0.0		33	22	62	0.44	3.69	3.0	Strait of Gibraltar
337	09 Mar	02:59:30.97	11.66	0.43	40.4036	-122.8190	389.9	30.3	87	143.7	147.3	7	7	249	50.25	82.59	5.4	Northern California
338	09 Mar	06:37:35.52	1.80	1.04	38.8120	-9.5846	21.7	9.7	132	8.9	11.4	12	7	278	0.28	3.35	2.5	Portugal
339	09 Mar	16:04:33.25	0.53	1.01	33.9485	-14.8412	6.6	5.1	135	67.9	4.8	46	26	155	2.27	11.70	4.7	Madeira Islands, Portugal
340	09 Mar	19:31:30.71	1.24	1.33	30.0080	-7.9753	59.8	11.3	15	17.6	53.7	22	13	318	1.06	4.4	4.4	Morocco
341	09 Mar	20:54:44.38	0.37	0.61	37.7855	-6.8307	3.7	2.6	8	0.0		20	10	99	0.13	1.82	2.0	Spain
342	09 Mar	23:33:19.36	2.22	0.62	35.5272	5.1176	19.2	15.0	8	0.0		8	5	317	4.61	6.17	3.7	Northern Algeria
343	10 Mar	00:11:45.58	0.77	0.55	37.2551	-7.4817	6.0	4.2	160	8.2	6.5	14	9	162	0.28	1.83	1.3	Portugal
344	10 Mar	10:48:25.16	3.12	0.02	37.0586	-3.7260	9.5	7.4	177	24.4	23.5	5	3	137	0.21	0.31		Spain
345	10 Mar	13:31:32.46	3.10	0.25	36.8075	-2.2034	22.1	6.1	141	0.0		5	3	274	0.16	1.14		Spain
346	10 Mar	14:06:22.04	0.64	0.91	-5.9183	103.0902	19.0	10.3	11	0.0		9	9	146	6.53	102.83	6.0	Strait of Gibraltar
347	10 Mar	14:11:28.88	0.55	0.41	37.7184	-6.5907	5.7	3.1	171	0.0		15	8	172	0.08	1.66	2.0	Spain
348	10 Mar	14:14:24.64	0.54	0.67	38.4130	-6.4905	5.2	3.2	5	0.0		18	9	160	0.49	1.63	1.7	Spain
349	11 Mar	00:06:29.93	2.23	0.55	36.3735	-4.8313	15.7	8.7	14	15.2	8.4	8	5	282	0.94	2.82	1.4	Strait of Gibraltar
350	11 Mar	01:04:56.89	0.70	0.32	37.2778	-8.3299	8.8	4.2	160	17.6	6.9	11	6	154	0.32	1.36	1.1	Portugal
351	11 Mar	04:46:59.02	0.59	0.52	36.9907	-5.3000	7.0	3.8	158	15.9	6.0	18	11	151	0.46	2.64	1.7	Strait of Gibraltar
352	11 Mar	06:27:26.69	2.14	0.59	36.1514	-10.3484	18.2	14.6	162	0.0		12	8	319	1.57	4.38	2.4	Strait of Gibraltar
353	11 Mar	08:45:26.14	2.12	0.90	39.9301	-0.4982	21.9	5.9	173	16.1	9.4	8	5	210	0.50	3.63	2.1	Azores Cape St. Vincent R
354	11 Mar	13:28:13.21	0.43	0.50	37.7460	-6.6085	4.5	2.8	5	0.0		17	9	108	0.06	1.66	1.7	Spain
355	11 Mar	15:28:06.64	2.72	0.08	37.9117	-3.2865	18.2	6.6	69	8.7	9.2	6	4	270	1.03	1.69	1.4	Spain
356	11 Mar	20:41:04.29	0.80	0.24	37.1599	-5.3180	6.9	6.0	53	15.0	8.3	10	7	134	0.52	1.70	1.7	Spain
357	12 Mar	23:00:39.33	0.97	0.69	36.6244	-7.8668	9.3	4.9	27	25.9	7.5	23	12	222	0.62	3.04	2.0	Strait of Gibraltar
358	12 Mar	07:12:45.82	0.40	0.64	38.3675	-7.9018	3.6	2.8	59	0.0		11	8	87	0.19	2.62	1.9	Portugal
359	12 Mar	13:32:31.69	0.52	0.71	37.7266	-6.6031	5.1	3.3	177	0.0		15	9	106	0.07	1.66	1.5	Spain
360	12 Mar	22:03:59.55	0.49	0.50	38.0341	-8.6009	4.0	2.7	86	4.0	3.5	32	17	138	0.60	7.18	3.0	Portugal
361	13 Mar	00:52:42.46	1.05	0.64	36.6039	-4.6118	11.0	4.2	0	15.6	5.0	13	8	207	0.22	2.49	1.4	Strait of Gibraltar
362	13 Mar	02:08:02.31	0.76	0.69	-20.1836	-68.8666	35.8	13.4	109	105.6	10.2	24	23	90	0.27	156.02	5.4	Chile-Bolivia Border Regi
363	13 Mar	02:42:18.94	1.59	0.76	36.7514	-5.4420	18.3	6.7	159	20.6	10.1	10	6	258	0.35	2.05	1.7	Strait of Gibraltar
364	13 Mar	02:42:52.35	1.56	0.62	36.8302	-5.4537	9.8	7.4	146	1.8	12.8	8	5	189	0.33	2.06	1.8	Strait of Gibraltar
365	13 Mar	04:26:37.07	1.90	0.85	35.8031	-1.2961	16.5	9.0	151	0.0		10	6	292	1.38	2.84	1.9	Northern Algeria
366	13 Mar	19:51:54.21	0.89	0.29	37.0181	-4.2437	6.0	4.4	102	14.4	10.9	8	4	136	0.14	1.18	1.1	Spain
367	13 Mar	19:55:01.56	0.49	0.40	37.0511	-4.2880	5.0	4.4	123	8.8	7.3	14	8	92	0.15	2.03	1.7	Spain
368	13 Mar	19:59:36.07	0.67	0.21	37.0547	-4.2797	8.9	5.2	127	12.0	8.8	7	4	145	0.15	1.14	1.1	Spain
369	13 Mar	20:54:04.65	1.75	0.23	36.9085	-8.5495	16.2	8.1	175	22.4	9.0	8	4	259	0.32	1.06	1.5	West of Gibraltar
370	14 Mar	01:51:25.02	0.75	0.62	39.2964	0.0233	23.7	4.5	15	0.0		5	3	173	0.82	1.39		Spain
371	14 Mar	02:08:55.28	0.47	0.79	37.5690	-1.5912	4.1	3.0	152	2.5	4.4	24	14	132	0.12	3.07	2.3	Spain
372	14 Mar	02:41:50.65	0.54	0.49	37.5751	-1.6227	4.9	3.7	133	0.0		11	6	129	0.10	1.22	1.4	Spain
373	14 Mar	06:39:17.21	0.57	0.90	39.3094	0.0392	7.0	3.5	176	16.9	5.9	15	9	144	0.83	3.94	2.8	Spain
374	14 Mar	06:40:10.38	1.32	0.61	39.5037	0.1280	22.4	4.6	14	0.0		6	4	200	0.85	1.97	2.9	Spain
375	14 Mar	07:34:32.27	1.13	0.75	40.1993	-8.4115	11.1	5.6	93	15.1	10.2	11	6	186	1.41	2.58	2.3	Spain
376	14 Mar	08:01:24.29	0.64	1.10	39.3414	0.1038	8.4	3.6	2	8.9	6.4	14	9	146	0.87	4.00	2.8	Portugal
377	14 Mar	08:08:06.17	2.39	0.21	39.4739	0.1207	63.8	5.2	5	24.9	56.4	6	3	196	0.85	1.54		Spain
378	14 Mar	09:49:41.28	0.70	0.49	37.2358	-8.4307	9.7	4.3	163	16.8	6.8	12	6	163	0.33	1.45	1.7	Portugal
379	14 Mar	10:01:14.27	0.36	0.96	-27.1990	-175.6084	33.2	14.8	1	0.0		24	23	105	59.08	169.65	6.5	Kermadec Islands Region
380	14 Mar	10:35:35.31	3.11	0.29	37.0656	-5.4169	92.3	9.6	104	27.0	63.2	5	3	209	0.40	1.29		Spain
381	14 Mar	11:51:03.27	1.17	0.56	36.7181	-7.4516	11.2	6.0	23	35.3	18.9	16	10	208	0.65	2.15	1.9	Strait of Gibraltar
382	14 Mar	13:25:36.10	1.58	0.35	39.3404	0.0385	17.4	5.6	176	22.4	15.3	7	5	149	0.82	3.79	2.2	Spain
383	14 Mar	15:34:49.00	2.30	1.32	38.8083	-0.4505	22.1	7.8	64	0.0		6	4	254	1.15	3.30	2.8	Spain
384	14 Mar	20:54:39.44	1.74	0.35	37.1387	-5.2877	14.3	5.3	40	8.4	17.3	9	6	199	0.94	1.73	1.5	Spain
385	15 Mar	06:20:11.18	0.62	0.73	34.3268	-5.7989	3.8	3.2	148	4.7	5.2	47	25	91	0.94	6.52	3.6	Morocco

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitude	Longitud	SmaJ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.	
386		07:07:14.30	1.50	0.27	35.4201	-4.6291	7.5	5.9	106	24.2	12.1	16	11	163	1.35	4.12	2.1	Strait of Gibraltar	
387		09:48:10.42	1.36	0.71	36.4319	-7.5714	10.5	5.1	16	23.9	8.5	16	10	253	0.86	2.95	1.9	Strait of Gibraltar	
388		10:08:20.65	0.95	0.91	32.4818	-16.9192	8.3	7.6	142	54.0	12.6	34	18	227	0.41	13.49	4.5	Madeira Islands, Portugal	
389		10:35:30.35	1.76	0.15	37.1193	-5.2459	16.5	8.6	55	16.6	20.3	7	4	209	0.91	1.31	1.3	Spain	
390		16:13:12.02	1.52	0.90	34.8012	5.9436	13.5	10.3	163	0.0		15	9	301	5.26	8.04	4.2	Northern Algeria	
391		22:04:24.42	0.81	0.67	27.3799	30.0	33.0	13.3	44	0.0		22	22	169	30.39	54.17	5.5	Southern Iran	
392		06:39:27.13	3.05	0.19	37.8685	-1.2685	93.5	4.5	63	0.0		5	3	201	0.03	0.81	0.3	Spain	
393	16 Mar	06:02:09.16	0.55	0.49	36.6077	-3.0053	4.2	4.0	58	1.5	8.3	14	7	121	0.30	2.00	2.0	Strait of Gibraltar	
394		09:32:51.85	0.66	0.38	37.1334	-4.1323	7.4	4.2	71	0.0		8	5	141	0.03	1.39	1.3	Spain	
395		14:13:07.01	0.89	0.91	38.4308	-6.5298	5.5	3.4	6	10.7	3.3	14	7	161	0.48	1.56	1.6	Spain	
396		15:46:59.31	0.78	0.77	38.1518	0.2597	12.8	3.8	151	0.1	8.3	11	6	190	1.15	2.56	2.4	Spain	
397		23:38:35.51	2.05	0.26	36.6456	-3.4996	14.8	7.3	21	0.0		6	4	251	0.24	0.67	1.3	Strait of Gibraltar	
398	17 Mar	00:32:46.48	1.80	0.56	37.1158	-14.7534	26.9	13.3	165	0.0		13	7	338	4.69	6.21	3.6	Cape St. Vincent R	
399		02:25:49.94	0.46	0.53	37.6873	-7.7828	3.8	3.3	136	0.0		15	8	92	0.21	1.91	1.3	Portugal	
400		04:54:15.32	0.63	0.41	37.0213	-2.4433	11.2	3.6	178	0.0		8	5	146	0.20	0.96	2.0	Spain	
401		05:42:05.56	1.74	0.75	37.1951	-13.1785	17.1	12.2	174	0.0		17	11	328	3.48	6.22	3.5	Azores Cape St. Vincent R	
402		06:30:03.05	0.72	0.70	39.4619	-3.8835	10.2	4.6	122	0.0		6	4	165	0.96	1.96	1.9	Spain	
403		08:23:00.13	1.92	0.28	36.6395	-9.0955	25.4	12.2	130	5.9	10.1	10	5	324	0.54	2.24	2.5	Spain	
404		17:52:34.83	1.21	0.71	36.5415	-7.8911	9.3	6.3	55	6.3	7.7	18	10	230	0.70	3.10	2.5	West of Gibraltar	
405	18 Mar	02:04:29.27	0.50	0.27	37.0226	-3.8323	6.1	3.5	3	2.3	7.0	14	8	108	1.64	2.2	2.2	Strait of Gibraltar	
406		03:13:45.72	2.22	1.19	-12.2745	167.1105	56.1	11.5	179	190.3	19.6	26	23	137	41.98	160.72	6.0	Santa Cruz Islands	
407		05:34:44.37	0.42	0.73	37.7968	-4.0769	4.2	2.8	36	0.0		23	12	112	0.54	2.16	2.5	Spain	
408		14:01:21.99	0.42	0.44	37.7733	-6.6035	4.2	2.8	1	0.0		18	10	106	0.05	1.65	1.8	Spain	
409		15:03:18.38	1.76	0.61	36.8584	-4.0110	13.9	5.4	33	0.0		6	4	254	0.60	0.90	1.3	Strait of Gibraltar	
410		17:45:39.84	3.48	0.92	-11.1773	115.1396	14.6	6.3	153	11.5	20.2	28	27	89	9.09	148.59	6.4	South of Bali, Indonesia	
411		20:20:12.66	1.37	0.43	34.6229	-5.3245	28.4	5.6	97	5.1	22.5	14	7	192	1.12	4.46	2.8	Morocco	
412		21:27:14.41	0.65	0.66	37.0986	-4.6482	9.6	4.1	70	0.0		7	4	149	0.38	1.15	1.3	Spain	
413	19 Mar	14:03:23.99	0.56	0.56	37.7227	-6.6483	6.7	3.3	172	4.4	5.2	16	17	8	102	0.05	1.70	2.4	Spain
414		15:34:13.07	1.01	0.69	34.5650	-5.5668	8.2	5.8	179	2.8	12.1	23	13	126	1.11	4.59	3.5	Morocco	
415		17:35:12.50	0.91	1.20	32.4988	-5.5235	9.5	4.1	118	3.0	6.4	29	14	204	1.07	6.57	4.0	Morocco	
416		17:53:32.94	0.80	0.61	38.3663	39.1748	24.7	12.4	33	0.0		15	15	140	20.01	50.20	5.1	Turkey	
417	20 Mar	03:03:42.10	8.86	0.96	45.8421	93.9974	28.1	10.8	48	294.1	91.2	15	15	155	39.07	66.83	5.5	Mongolia	
418		04:51:33.73	0.97	0.48	36.6422	-7.1614	10.0	4.6	8	31.2	28.0	18	9	213	0.86	2.00	2.5	Strait of Gibraltar	
419		08:41:09.59	0.59	0.34	37.3242	-8.4121	9.0	3.9	157	7.4	7.4	11	6	138	0.38	1.38	1.2	Portugal	
420		10:25:57.24	0.62	0.75	37.3984	-11.6372	6.7	4.3	121	76.0	4.6	43	25	171	2.26	8.06	4.0	Azores Cape St. Vincent R	
421		11:53:11.60	1.75	0.18	36.6675	-4.3162	13.5	5.4	10	0.0		6	3	246	0.13	0.59	1.9	Strait of Gibraltar	
422		13:50:18.75	0.41	0.52	37.7306	-6.5950	4.1	2.7	11	0.0		20	10	103	0.07	1.65	1.9	Spain	
423		13:51:19.45	0.67	0.40	37.7225	-6.5815	6.0	3.2	165	0.0		14	7	177	0.08	1.39	1.7	Spain	
424		15:30:54.48	0.37	0.49	36.5526	-7.5424	4.4	3.2	89	40.8	21.0	41	26	121	0.76	6.01	3.7	Strait of Gibraltar	
425		21:27:27.81	1.98	0.11	36.7518	-7.4456	27.5	7.5	32	24.6	12.6	8	5	237	0.63	1.46	1.7	Strait of Gibraltar	
426	21 Mar	00:49:50.49	3.07	0.92	39.3516	20.6363	12.7	7.9	33	3.8	25.7	29	29	160	5.29	44.49	5.8	Greece-Albania Border Reg	
427		06:18:28.26	1.05	0.16	39.7065	-2.2687	10.9	4.6	49	0.0		8	5	202	0.96	3.03	2.3	Spain	
428		10:49:07.63	2.71	0.32	36.4354	-3.2344	25.8	7.7	15	0.0		6	5	257	0.53	0.98	1.7	Strait of Gibraltar	
429		11:54:41.04	1.30	0.92	35.7524	-1.2309	10.5	6.1	168	0.0		16	8	269	1.45	3.86	2.8	Northern Algeria	
430		12:21:43.21	1.59	1.14	35.5914	-1.1804	13.3	8.1	173	0.0		14	8	273	1.61	3.98	2.6	Northern Algeria	
431		18:09:22.59	2.55	0.08	37.7005	-1.3155	41.0	9.8	59	31.1	5.7	13	3	234	0.15	0.96	2.8	Northern Algeria	
432		18:59:40.25	0.65	0.24	37.8425	-8.1021	6.0	3.3	119	0.0		6	3	161	0.22	1.13	1.4	Portugal	
433		20:35:12.66	0.44	0.59	37.7718	-6.8207	4.1	2.9	177	0.0		17	9	100	1.25	1.25	1.3	Spain	
434		23:51:07.41	2.03	0.55	35.4304	-9.4872	27.2	10.0	70	29.7	38.2	11	8	236	1.78	3.37	2.3	West of Gibraltar	
435	22 Mar	04:12:54.52	0.67	0.41	38.6129	-6.9812	6.1	3.5	30	2.5	16.6	13	7	164	0.44	1.94	1.4	Spain	
436		05:24:02.76	2.62	0.93	45.8662	16.1908	12.1	9.7	49	19.4	22.9	26	25	199	4.04	28.70	5.8	NW Balkan Region	
437		06:01:20.32	2.32	0.83	45.8728	16.2253	19.3	10.8	34	32.1	22.8	14	14	202	4.06	23.57	5.4	NW Balkan Region	
438		09:20:38.08	1.70	0.80	36.3192	-12.4105	22.8	5.7	93	67.8	12.4	28	15	262	6.89	6.89	3.3	Azores Cape St. Vincent R	
439		10:15:45.55	0.71	0.36	37.0931	-4.5946	11.2	4.0	67	0.0		7	4	168	0.36	1.18	1.0	Spain	
440		11:54:24.93	1.37	0.37	36.6691	-9.7003	12.4	7.8	33	24.1	9.3	22	12	282	0.84	4.34	2.5	West of Gibraltar	

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaij	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
441		12:20:51.16	0.52	0.80	38.4311	-7.7663	4.5	3.3	70	0.0		12	7	101	0.22	1.19	1.3	Portugal
442		16:21:19.49	0.75	0.77	36.3459	-3.6378	7.0	4.2	43	0.0		13	8	173	0.52	2.24	1.8	Strait of Gibraltar
443		20:43:36.59	14.03	0.37	-0.1902	-20.9288	170.4	19.2	127	232.7	151.3	11	11	215	33.56	53.65	5.2	Central Mid Atlantic Ridge
444		22:02:21.69	1.87	0.31	35.8600	-9.6022	24.3	13.0	114	0.0		13	8	334	1.42	3.40	2.1	West of Gibraltar
445	23 Mar	01:23:54.44	1.62	0.72	36.3774	-3.0523	10.7	6.0	172	4.8	5.5	14	7	283	0.54	2.56	1.9	Strait of Gibraltar
446		04:42:58.27	0.69	0.94	39.3624	0.1217	6.3	3.2	173	14.9	6.7	24	17	97	1.01	5.82	3.9	Spain
447		04:49:57.45	0.57	0.70	37.3159	-8.4918	6.0	3.7	146	0.0		14	8	141	0.32	2.55	1.4	Portugal
448		05:36:20.76	1.51	0.56	39.4125	0.0728	12.8	5.3	162	6.7	9.2	8	5	187	1.06	3.84	2.3	Spain
449		07:23:25.32	0.45	0.63	37.5832	-7.9596	3.8	3.3	149	0.0		15	8	78	0.08	1.31	1.6	Portugal
450		15:47:39.12	0.74	0.35	38.1097	-1.1321	8.7	4.5	68	4.0	7.7	12	7	104	0.53	3.38	2.6	Spain
451	24 Mar	01:05:17.42	0.38	0.92	35.5030	-3.8298	3.6	3.4	98	0.0		34	19	104	0.74	5.39	3.3	Strait of Gibraltar
452		01:56:02.45	0.85	1.01	35.4859	-3.9248	11.0	4.9	104	0.0		12	7	197	1.25	2.85	2.8	Strait of Gibraltar
453		20:09:43.72	0.90	0.33	36.8197	-5.3406	10.0	4.5	152	7.3	6.6	11	7	158	0.42	1.85	1.8	Strait of Gibraltar
454	25 Mar	02:49:32.53	5.25	0.61	48.8668	157.4976	31.9	12.1	108	157.7	45.4	46	46	141	57.59	135.57	7.0	East of Knml Islands
455		04:05:53.49	0.94	0.07	36.9843	-5.2975	9.3	6.7	144	18.7	7.9	9	7	173	0.46	2.28	1.7	Strait of Gibraltar
456		14:01:47.88	0.42	0.64	37.7527	-6.6058	4.7	3.1	4	0.0		17	10	105	0.05	1.66	2.1	Spain
457	26 Mar	02:18:07.24	0.87	0.67	37.8578	-3.2424	5.7	4.3	32	3.1	8.1	16	9	104	0.67	2.45	2.0	Spain
458		04:28:16.57	0.56	0.73	37.3126	-8.4980	5.3	3.6	160	2.8	4.6	20	10	137	0.32	2.56	2.1	Portugal
459		05:08:17.47	1.38	0.22	37.1090	-5.2733	10.0	7.4	20	6.1	7.8	7	4	211	0.93	1.29	1.2	Spain
460		07:09:29.53	0.81	1.36	35.8775	-5.7061	7.3	4.7	148	92.4	13.7	44	28	247	4.17	19.67	5.3	Northern Algeria
461		12:16:16.87	2.33	0.33	35.5224	-3.6334	20.1	10.8	96	20.8	22.8	8	5	236	0.59	1.63	2.3	Strait of Gibraltar
462		13:12:45.30	0.68	0.61	38.5698	0.2496	23.3	4.9	148	0.0		6	4	163	0.97	2.33	6.4	Spain
463		15:38:03.82	2.69	2.85	5.5762	125.7360	20.1	19.7	164	112.4	25.6	11	9	182	7.21	103.87	6.4	Mindanao, Philippines
464		18:41:26.39	0.79	1.22	35.5239	-3.8718	6.7	3.9	18	0.0		10	5	182	0.78	1.36	2.2	Strait of Gibraltar
465		21:36:48.24	5.51	0.66	-2.7191	138.5946	46.9	36.7	100	64.8	36.8	9	9	280	129.12	129.12	6.0	Irian Jaya, Indonesia
466	27 Mar	00:32:02.22	2.99	1.25	38.1626	0.3106	43.2	5.0	152	4.8	16.1	5	3	213	1.18	1.54	6.0	Spain
467		02:05:05.15	0.43	0.34	37.7729	-1.5184	4.4	3.2	154	0.0		16	8	100	0.18	1.54	2.0	Spain
468		03:04:57.15	0.47	1.05	35.5284	-3.8121	4.2	3.8	58	0.0		22	15	102	0.73	4.50	2.6	Strait of Gibraltar
469		04:15:26.77	1.28	0.54	35.4660	-3.7478	10.8	4.8	103	17.4	13.5	13	8	108	0.67	2.25	2.5	Strait of Gibraltar
470		06:40:47.91	5.75	0.53	28.3332	57.2691	20.1	11.1	45	52.3	53.1	34	34	121	28.29	74.93	5.8	Southern Iran
471		10:31:07.05	0.47	0.39	37.6408	-6.0924	4.8	3.3	179	0.0		14	7	104	0.48	1.55	2.0	Spain
472		21:48:22.21	0.65	0.57	35.5519	-6.8436	5.4	4.3	76	37.7	18.8	22	13	130	1.54	6.17	3.2	Strait of Gibraltar
473		22:03:15.16	0.39	0.68	37.7837	-6.7483	4.1	2.6	0	0.0		20	11	104	0.06	1.78	1.9	Spain
474		22:54:22.31	0.75	0.83	35.7926	-10.2405	9.8	3.8	86	36.6	22.4	42	22	221	1.76	7.50	3.5	Azores Cape St. Vincent R
475	28 Mar	06:30:05.81	1.24	0.70	36.6893	-8.2118	10.7	6.9	14	28.0	11.0	15	9	231	0.60	3.86	2.4	West of Gibraltar
476		13:37:56.50	0.54	0.91	36.7796	-5.1072	4.4	3.6	176	15.4	5.2	20	12	102	0.54	3.96	3.4	Strait of Gibraltar
477		15:05:23.73	0.74	0.90	36.7663	-5.0883	7.7	4.3	170	7.3	6.5	17	9	104	0.53	3.38	2.4	Strait of Gibraltar
478		18:49:44.47	0.87	0.54	36.7628	-5.0972	9.8	3.9	15	11.9	3.5	16	8	202	0.54	3.38	2.3	Strait of Gibraltar
479		20:16:51.04	0.93	1.01	36.7573	-5.1587	7.6	3.8	22	4.6	5.0	19	10	204	0.59	5.32	3.0	Strait of Gibraltar
480	30 Mar	03:14:05.32	1.47	0.48	36.2743	-3.7154	9.4	5.4	7	7.2	6.8	11	7	229	0.20	2.88	2.1	Strait of Gibraltar
481		05:16:04.93	1.39	0.90	36.6264	-8.5476	9.3	6.5	30	0.0		10	7	231	0.55	2.88	2.1	West of Gibraltar
482		11:04:49.62	0.65	0.77	38.6794	-8.1828	5.1	4.4	29	0.0		13	9	139	0.20	2.25	1.7	Portugal
483		11:48:56.15	1.67	0.86	36.4983	-3.1538	13.6	4.4	0	0.0		11	6	250	0.45	2.02	1.8	Strait of Gibraltar
484		13:06:48.74	0.74	0.78	37.1202	-5.2574	6.5	3.9	31	2.7	5.7	12	8	124	0.54	1.45	1.8	Spain
485		13:36:03.10	2.55	0.27	37.0426	-5.2161	15.6	9.2	159	4.9	9.4	6	3	278	1.04	1.37	4.5	Spain
486		20:13:47.12	0.79	0.74	36.7777	-15.9134	10.7	4.7	122	65.3	6.4	35	19	215	4.08	10.53	4.5	Azores Cape St. Vincent R
487	31 Mar	12:47:20.41	0.35	0.64	37.2478	-3.7383	4.7	2.8	13	0.0		25	15	86	0.24	3.00	2.6	Spain
488		23:19:50.28	1.63	0.77	36.2992	-3.2760	10.1	5.3	155	0.0		9	5	255	0.63	1.24	2.1	Strait of Gibraltar
489		23:32:04.79	0.55	1.63	36.0825	-8.4741	5.4	3.3	94	52.1	24.5	22	176	168	1.09	6.08	3.4	West of Gibraltar
490		23:52:31.86	0.70	0.60	44.5478	-11.4238	27.4	18.1	118	0.0		26	26	145	43.98	131.38	6.2	Western Idaho
491	01 Abr	03:49:33.22	0.75	0.46	35.5686	-3.6413	7.9	4.0	38	0.0		16	10	192	0.62	2.88	2.3	Strait of Gibraltar
492		08:19:02.12	0.50	0.42	37.3455	-4.0572	5.2	4.8	124	23.8	7.0	15	8	132	0.24	1.30	2.9	Spain
493		14:49:30.61	0.56	0.68	36.1521	-7.2246	4.4	3.1	79	32.0	12.6	34	21	124	1.23	6.02	2.5	Strait of Gibraltar
494		15:59:12.53	0.72	1.02	36.4431	-3.2551	6.0	3.1	169	0.0		25	14	218	0.52	3.83	2.7	Strait of Gibraltar
495		16:01:26.49	0.75	0.78	36.5318	-3.2444	7.6	5.3	3	33.1	4.1	12	8	106	0.45	1.23	2.0	Strait of Gibraltar



SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	S:maj	S:min	Az	Depth	ERR	N:df	M:sta	GAP	mdist	M:dist	Mag	Z:Geo.
496	02 Abr	03:26:04.22	0.74	0.98	34.5238	-5.4237	9.7	4.6	96	0.0		12	10	146	1.03	4.51	2.4	Morocco
497		04:14:18.97	1.27	0.20	36.9709	-4.3904	9.9	7.9	35	56.8	11.2	11	6	105	0.21	1.98	0.9	Strait of Gibraltar
498		07:21:51.15	0.78	0.56	37.5525	9.1	4.4	4.4	63	29.4	8.3	28	16	207	6.09	6.09	3.0	Portugal
499		19:37:34.86	1.36	0.30	36.5037	-9.9835	36.9	11.8	52	29.8	45.4	17	11	290	1.12	2.4	2.4	West of Gibraltar
500		22:21:57.53	0.59	0.68	36.9395	-5.1443	10.1	4.1	0	23.9	10.0	15	8	121	0.48	2.25	1.6	Strait of Gibraltar
501	03 Abr	02:21:04.81	1.22	1.05	35.5924	-1.1986	11.6	5.0	130	22.1	13.1	23	18	208	1.46	5.34	3.0	Northern Algeria
502		03:02:56.96	2.47	2.04	36.5966	-9.6891	23.2	15.5	3	19.2	7.3	8	5	329	0.87	2.34	1.5	West of Gibraltar
503		03:04:51.43	3.11	0.31	36.6245	-8.3321	30.8	15.0	162	32.7	6.5	5	4	285	0.64	1.13	1.5	West of Gibraltar
504		03:08:26.00	1.27	1.02	36.6110	-9.7094	10.9	8.7	68	0.0		15	9	240	1.56	4.86	2.2	West of Gibraltar
505		04:00:57.41	2.32	0.07	36.3262	-3.0956	14.1	9.3	161	0.0		6	4	298	0.59	1.13	1.7	Strait of Gibraltar
506		09:26:11.84	1.62	0.53	36.3989	-3.2716	13.1	6.9	0	24.1	12.3	10	6	222	0.55	1.22	1.9	Strait of Gibraltar
507		10:23:43.06	0.67	0.59	37.6342	-8.1935	7.1	4.6	14	10.1	4.2	14	8	101	1.57	2.0	2.0	Portugal
508		16:27:28.10	0.60	0.54	36.9190	-4.7676	4.5	3.5	60	0.0		16	8	155	0.31	1.51	1.7	Strait of Gibraltar
509		20:17:41.31	0.76	0.51	37.0036	-2.4787	23.6	8.1	174	33.0	6.3	8	4	173	0.22	0.93	1.4	Spain
510	04 Abr	23:03:16.06	0.74	0.50	36.8868	-4.2734	6.9	3.3	172	17.2	9.6	26	15	133	0.18	3.51	2.5	Strait of Gibraltar
511	05 Abr	07:41:09.00	2.34	0.23	36.4334	-7.1441	24.7	5.7	18	36.3	37.7	13	8	255	1.03	2.68	2.5	Strait of Gibraltar
512		14:28:00.73	1.81	0.61	36.4623	-9.7967	16.7	13.4	1	48.4	61.2	15	10	311	0.98	4.44	3.2	West of Gibraltar
513		14:28:55.36	1.17	0.79	36.5194	-3.0747	10.1	5.0	178	21.8	6.5	13	7	215	0.41	2.03	2.1	Strait of Gibraltar
514		15:41:13.27	0.75	1.04	36.5504	-3.5807	6.4	3.1	170	0.0		19	10	202	0.32	2.11	2.1	Strait of Gibraltar
515		18:37:13.83	8.11	0.81	1.2969	126.3485	99.7	24.2	33	73.4	52.3	6	16	265	3.34	88.36	6.0	Northern Molucca Sea
516	06 Abr	00:34:09.95	0.58	0.99	36.9967	-5.2742	6.0	2.7	1	4.3	5.5	28	16	118	0.48	2.84	2.2	Strait of Gibraltar
517		03:48:55.12	0.40	0.51	37.7785	-6.8449	3.7	2.7	10	0.0		18	9	99	0.14	1.23	2.0	Spain
518		04:39:37.36	1.04	0.47	36.5087	-7.6679	7.7	3.9	28	15.9	6.1	28	16	216	0.76	5.14	2.9	Strait of Gibraltar
519		09:21:21.73	1.75	0.07	37.8931	-1.4662	19.4	4.5	56	0.0		6	3	225	0.19	0.75	1.5	Spain
520		11:55:58.78	1.92	0.60	36.8156	-7.2519	12.9	5.6	3	0.0		11	7	259	0.69	1.93	1.1	Spain
521	07 Abr	21:50:29.96	1.04	0.75	36.6345	-3.6736	11.4	5.4	166	21.3	12.7	11	6	198	0.24	0.89	1.1	Strait of Gibraltar
522		01:24:55.08	1.39	0.48	36.5147	-7.5778	14.0	6.9	106	36.3	22.3	16	9	226	0.78	2.35	2.4	Strait of Gibraltar
523		01:55:17.33	2.33	0.49	38.1773	-8.6129	23.5	6.8	116	0.0		17	5	259	0.78	1.24	1.2	Portugal
524		02:51:47.40	0.94	0.94	40.0002	-0.3833	8.1	4.5	14	3.7	6.6	14	8	160	0.61	5.19	2.7	Spain
525		03:56:21.48	1.51	1.07	35.4387	-1.1119	31.4	7.0	161	19.4	27.9	15	9	263	2.05	4.08	2.4	Northern Algeria
526		07:53:33.83	2.46	0.98	35.5847	-0.9989	18.9	12.3	135	0.0		7	6	288	1.69	3.21	2.2	Northern Algeria
527		09:26:51.58	2.65	0.05	37.0424	-2.1850	118.9	14.6	164	12.0	44.6	5	3	274	0.07	1.02	1.7	Spain
528		11:09:29.90	0.57	0.58	38.5273	-7.9504	4.0	4.0	90	0.0		13	7	127	0.05	1.28	1.5	Portugal
529		18:01:03.45	1.06	0.43	37.8553	-8.2168	8.8	4.4	87	14.1	8.7	11	7	213	0.26	2.89	1.1	Portugal
530	08 Abr	07:28:36.10	2.11	0.47	36.4991	-3.2444	71.4	15.4	151	28.4	81.8	7	4	306	2.94	4.54	2.8	Northern Algeria
531		12:41:29.03	0.79	0.89	35.0394	-3.8085	9.3	5.0	106	0.0		17	10	194	1.71	4.28	2.8	Strait of Gibraltar
532		16:48:14.55	1.32	1.37	37.0343	-12.9471	30.6	6.9	155	0.0		13	8	204	3.30	6.07	3.9	Strait of Gibraltar
533		16:50:43.32	1.52	1.88	39.3601	-8.8818	10.6	5.2	175	0.0		12	6	257	0.51	2.13	2.3	Azores Cape St. Vincent R
534	09 Abr	05:30:01.00	1.45	0.46	36.3023	-3.8137	10.9	5.9	163	22.2	8.5	11	6	237	0.58	0.95	1.7	Portugal
535		07:41:12.36	0.60	0.62	37.3106	-8.5847	5.9	3.8	161	3.6	4.8	20	11	126	0.26	2.62	2.2	Strait of Gibraltar
536		17:22:08.80	0.61	0.82	38.8635	-0.5211	4.0	3.2	145	6.1	4.1	35	22	113	0.80	6.07	3.3	Portugal
537	10 Abr	00:00:39.25	0.62	1.73	40.0454	-0.3277	5.9	3.9	9	0.0		26	15	162	0.67	5.54	3.1	Spain
538		01:52:54.09	0.38	0.57	37.0652	-4.3429	3.4	2.8	3	0.0		19	12	84	0.19	2.72	1.5	Spain
539		04:15:36.15	0.46	0.84	37.0121	-4.8571	3.8	3.2	29	0.0		16	8	88	0.42	1.17	1.6	Spain
540		05:14:54.52	0.60	1.01	38.3191	-0.9253	4.8	3.6	100	4.0	5.2	15	8	117	0.54	3.55	2.3	Spain
541		06:18:24.59	0.58	0.66	38.3383	-0.8938	5.0	3.4	88	7.7	5.7	15	15	118	0.57	2.90	2.3	Spain
542		09:06:08.39	2.40	0.44	36.2716	-8.3047	18.7	13.5	173	56.1	63.3	9	6	261	0.96	2.06	2.1	West of Gibraltar
543		09:09:53.72	0.48	0.46	37.0304	-3.8563	5.9	2.9	176	1.0	7.7	17	9	106	0.22	1.84	1.7	Spain
544		10:24:50.51	1.22	1.45	36.4476	-1.7759	22.9	5.3	143	20.9	18.9	25	14	259	2.50	5.96	3.3	Northern Algeria
545		16:04:49.97	0.70	0.57	36.8330	-7.3602	6.6	4.1	14	44.7	19.2	26	14	188	0.61	4.95	2.2	Strait of Gibraltar
546		16:45:01.25	2.28	1.32	20.3411	122.4746	23.0	7.5	79	225.7	19.2	24	22	96	21.25	109.08	5.7	Philippine Islands Region
547		22:21:25.83	1.74	0.66	36.5803	-4.7286	13.2	7.7	26	72.3	11.7	11	6	174	0.04	1.59	1.5	Strait of Gibraltar
548	11 Abr	08:41:22.09	0.45	0.28	37.0186	-3.8581	4.5	3.3	14	0.0	15.7	14	14	109	0.22	1.63	1.4	Spain
549		13:08:40.14	0.63	0.98	37.9075	-3.2261	5.7	4.6	144	0.0		10	5	136	0.72	1.74	1.4	Spain
550		19:37:48.40	0.71	0.53	39.8469	-3.2312	10.2	5.0	83	0.0		6	4	146	0.46	2.50	2.2	Spain

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
551	12 Abr	06:29:11.91	0.44	0.59	37.5746	-7.9593	3.5	3.2	129	0.0		16	8	80	0.09	1.32	1.9	Portugal
552		06:32:49.60	1.41	0.18	-1.3699	-1.3699	11.8	5.0	56	0.0		6	3	229	0.13	0.89		Spain
553		06:58:02.95	5.31	3.62	77.3188	77.3188	37.3	13.7	177	153.0	43.1	16	16	221	30.35	104.07	5.9	Mid Indian Ridge
554		10:11:24.36	1.82	0.89	-3.2371	-3.2371	34.7	5.1	173	0.0		6	3	216	1.09	1.73		Spain
555		10:49:29.03	0.60	0.16	-4.2998	-4.2998	5.8	4.5	108	3.6	10.3	9	6	119	0.16	1.35	1.1	Spain
556		12:48:19.06	1.19	0.76	37.6153	-9.9668	23.2	5.6	66	28.2	27.7	25	13	264	0.72	4.99	3.1	Portugal
557		18:55:53.52	1.20	0.59	36.6257	-7.4660	9.1	6.3	40	0.0	7.6	13	9	196	2.18	2.18	1.9	Strait of Gibraltar
558		20:29:14.84	1.82	0.59	37.7404	-3.2403	27.5	5.3	175	0.0		6	3	226	1.14	1.76		Spain
559		20:54:51.51	2.20	0.54	38.2289	-3.3210	163.5	6.9	171	0.0		5	3	192	0.99	1.66		Spain
560		22:56:38.18	1.13	1.78	37.8431	-3.2490	21.2	4.8	179	0.0		6	4	180	1.10	1.80		Spain
561	13 Abr	01:20:27.51	0.68	1.85	37.8861	-3.2413	6.0	4.3	165	0.0		7	6	134	0.70	1.73	1.2	Spain
562		01:38:36.42	0.95	0.63	37.9011	-3.2649	6.1	4.8	20	2.9	6.5	12	6	166	0.71	1.71	1.4	Spain
563		02:00:53.19	0.84	0.87	39.2178	-0.4216	5.5	4.6	142	13.4	6.3	15	8	125	0.56	3.59	2.2	Spain
564		03:57:21.07	0.71	0.51	38.1014	-3.3142	12.5	4.8	166	0.0		7	4	153	1.00	1.92	1.4	Spain
565		01:06:52.18	6.23	0.70	-29.5229	-176.0907	55.6	18.8	14	78.8	51.2	31	31	105	58.89	171.82	5.8	Kermadec Islands Region
566		02:53:50.62	1.82	0.67	36.7371	-9.8830	15.8	9.6	12	17.8	7.8	12	7	300	0.93	2.80	2.0	West of Gibraltar
567		06:12:08.44	1.63	0.42	36.4322	-9.6979	16.8	9.3	45	19.9	11.0	15	9	286	0.90	3.12	2.2	West of Gibraltar
568		07:25:38.16	0.51	0.92	36.9337	-5.4407	5.9	3.7	1	15.3	6.1	15	8	134	0.34	2.19	1.6	Strait of Gibraltar
569		14:36:49.95	0.77	0.84	38.2495	-3.2103	4.5	3.4	155	3.9	5.3	21	11	93	1.06	2.78	2.4	Spain
570		15:08:04.36	0.91	0.55	36.5538	-7.1758	7.7	3.4	18	11.5	5.7	28	15	217	0.92	5.39	3.0	Strait of Gibraltar
571		15:15:28.96	0.50	0.51	37.8711	-3.1899	5.0	3.6	150	0.0		14	8	133	0.69	1.82	2.1	Spain
572		21:04:10.15	0.59	0.55	37.9180	-3.2260	4.3	3.2	132	0.1	5.4	19	12	93	0.73	2.43	2.3	Spain
573		21:21:18.32	0.70	0.93	37.8825	-3.2605	5.1	3.5	115	8.4	6.1	11	11	101	0.69	3.54	2.3	Spain
574	15 Abr	10:59:26.37	6.29	0.37	8.8952	-74.5334	31.1	12.9	115	34.5	47.8	32	32	114	29.34	161.09	6.0	Northern Colombia
575		13:26:28.62	0.46	0.66	37.7178	-6.5944	4.7	3.0	172	0.0		18	10	102	0.08	1.87	2.1	Spain
576		17:56:39.41	1.28	0.63	42.0960	-6.6922	8.1	6.8	154	18.1	4.2	19	9	287	0.16	4.60	2.9	Spain
577		23:29:18.79	2.17	0.38	37.1097	-3.6174	8.0	4.7	109	9.3	29.7	8	5	125	0.17	1.30	1.0	Spain
578	16 Abr	03:05:38.56	0.90	0.52	36.8145	-7.3604	9.5	4.7	28	38.6	18.0	21	12	189	0.63	2.59	1.9	Strait of Gibraltar
579		03:22:59.17	3.09	0.66	38.9022	-1.7082	39.3	4.9	103	21.1	7.9	6	4	220	0.29	1.24	1.5	Spain
580		08:04:35.60	0.64	1.01	16.9519	-85.8603	23.7	14.7	109	0.0	22.7	21	21	120	40.35	151.45	6.0	North of Honduras
581		09:42:54.49	2.32	1.99	44.6105	9.3627	9.7	6.8	126	19.5		14	11	143	0.86	15.76	4.6	Northern Italy
582		11:45:20.83	0.44	1.16	22.6859	94.0981	17.0	9.6	48	0.0		20	20	137	19.27	82.29	5.9	Myanmar
583	17 Abr	00:41:45.97	1.88	0.64	38.6624	-10.7272	14.5	10.6	80	58.2	34.2	15	11	300	1.17	4.86	3.3	Azores Cape St. Vincent R
584		07:24:58.34	1.52	0.41	36.6130	-9.7372	12.8	8.5	32	21.1	10.1	18	10	284	0.90	3.74	2.3	West of Gibraltar
585		12:05:01.39	1.39	0.70	52.3582	-34.8983	24.3	14.1	67	0.0		9	9	217	15.12	24.50	5.1	Reykjanes Ridge
586		13:22:39.22	1.53	0.25	37.0282	-4.3819	8.4	6.1	0	52.3	16.9	12	7	107	0.23	1.33	1.0	Spain
587		16:54:29.80	1.59	0.45	36.2685	-8.4198	19.7	7.1	49	15.7	11.4	17	10	266	0.92	5.73	2.7	West of Gibraltar
588		17:42:55.86	0.60	0.25	37.5621	-5.9714	5.3	4.6	57	7.0	9.7	8	5	118	1.26	1.26	1.4	Spain
589		22:35:10.07	1.58	0.49	41.8102	-8.6142	16.7	6.7	133	20.4	2.7	13	8	253	1.41	4.78	2.8	Portugal
590	18 Abr	02:44:30.22	0.43	0.79	36.6282	-5.4498	6.5	2.9	5	24.8	5.0	12	23	78	0.41	5.89	3.3	Strait of Gibraltar
591		03:23:11.80	0.76	0.39	37.3221	-1.9889	8.8	3.8	158	0.0		16	7	180	0.41	2.82	1.8	Spain
592		06:48:03.28	0.98	0.78	36.4400	-5.5119	9.9	4.3	8	18.4	5.5	12	9	215	0.51	2.12	1.9	Strait of Gibraltar
593		07:46:53.93	0.81	0.67	34.8963	-5.6720	4.8	3.3	97	17.8	7.0	38	23	121	1.45	7.08	3.7	Morocco
594		07:50:05.82	1.61	0.75	34.9260	-5.6034	8.8	4.0	87	17.6	13.6	16	11	125	1.46	5.69	3.1	Morocco
595		08:25:41.56	2.32	1.49	26.9279	140.2293	29.1	7.7	108	53.49	22.7	30	24	205	31.92	114.62	6.2	Bonin Islands, Japan Regi
596		15:48:18.11	0.59	0.60	37.8953	-0.5895	7.2	4.0	134	24.2	1.7	17	11	172	0.45	3.82	2.5	Spain
597		17:28:41.05	0.60	0.89	37.0916	-5.2678	4.5	3.6	43	1.7	5.9	18	12	60	0.52	2.13	1.6	Spain
598	19 Abr	00:37:06.78	0.70	0.77	39.9716	-8.5153	8.4	4.0	109	20.3	1.5	21	12	183	1.18	4.05	3.1	Portugal
599		14:04:52.68	1.63	0.25	36.6804	-4.1459	30.0	6.2	157	49.8	16.0	8	4	191	0.24	0.77	0.8	Strait of Gibraltar
600		14:39:17.84	1.22	0.62	38.3505	-9.2648	10.2	4.7	63	3.0	5.7	13	8	222	0.60	3.69	1.9	Portugal
601		17:54:48.96	0.39	0.51	36.5272	-4.5494	4.7	4.0	114	59.7	7.3	32	27	67	0.18	6.02	3.5	Strait of Gibraltar
602		20:38:59.41	0.66	0.80	38.9367	141.7269	30.8	11.6	101	0.0		28	28	130	43.29	149.37	6.2	Strait of Gibraltar
603		21:23:17.37	1.33	0.50	36.5225	-4.5548	11.2	5.5	175	59.5	8.6	15	9	218	0.18	2.80	1.4	Near East Coast of Honshu
604		21:28:10.21	1.92	0.78	38.0415	0.6826	15.7	5.6	141	27.2	22.1	10	5	224	1.11	2.01	2.2	Spain
605	20 Abr	00:15:48.68	0.98	0.46	36.3738	-11.1076	13.9	4.5	93	36.1	28.0	31	16	240	1.98	7.32	3.4	Azores Cape St. Vincent R

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
606		04:22:26.22	0.94	0.74	36.3899	-8.9611	7.8	3.2	89	10.7	7.4	30	16	189	0.75	5.96	3.3	West of Gibraltar
607		15:37:08.80	1.43	0.48	36.6077	-9.7641	10.3	8.8	47	16.6	6.4	21	13	282	0.92	4.41	2.9	West of Gibraltar
608		20:39:48.47	0.37	0.72	37.7934	-6.8921	4.2	2.7	173	0.0		21	12	98	0.13	1.82	2.1	Spain
609	21 Abr	11:56:37.33	1.73	0.20	36.6510	-9.7530	44.7	13.3	59	19.4	40.9	17	7	310	0.88	3.73	2.4	West of Gibraltar
610		13:15:41.96	0.42	0.43	37.7521	-6.6201	4.0	3.0	177	0.0		17	9	108	0.04	1.67	1.8	Spain
611	22 Abr	04:24:11.13	1.29	0.49	36.8184	-10.4003	10.1	7.4	40	34.2	2.6	26	13	294	5.85	5.85	3.0	Azores Cape St. Vincent R
612		13:20:48.17	0.41	0.59	37.7896	-6.6212	4.3	2.9	173	0.0		18	9	107	0.05	1.66	2.3	Spain
613		20:24:12.96	0.78	0.90	36.9165	-4.9612	8.3	5.1	171	4.0	10.7	14	9	109	0.38	1.61	2.1	Straight of Gibraltar
614	23 Abr	02:38:16.02	1.08	1.16	35.5888	-3.7547	11.4	4.4	44	0.0		8	5	207	0.71	1.63	2.3	Straight of Gibraltar
615		10:34:55.09	1.39	0.59	36.7520	-11.1526	11.7	10.4	171	0.0		21	12	306	1.90	5.42	3.2	Straight of Gibraltar
616		11:42:33.61	1.53	0.90	36.6440	-11.3014	13.0	11.1	172	0.0		11	11	317	2.04	5.56	3.3	Azores Cape St. Vincent R
617		18:21:35.42	1.60	0.94	36.4276	-3.1463	11.4	5.8	173	21.0	8.2	10	5	222	0.58	1.32	2.1	Straight of Gibraltar
618	24 Abr	05:20:15.64	1.19	0.71	35.4302	-4.7828	5.7	4.6	108	15.8	9.4	27	15	155	1.13	4.10	2.9	Straight of Gibraltar
619		13:09:18.99	0.49	0.36	37.7627	-6.6105	5.4	3.4	9	0.0	9.1	14	7	110	0.05	1.66	1.8	Spain
620	25 Abr	02:53:19.82	9.59	1.50	-6.1454	153.7903	62.2	33.6	17	119.1	78.6	16	16	138	28.02	140.37	6.0	New Britain Region, P.N.G
621		03:29:00.48	1.29	0.29	36.3972	-4.4949	11.4	6.4	175	65.9	8.4	16	9	232	0.28	2.88	1.5	Straight of Gibraltar
622		05:21:33.27	0.98	0.84	38.2850	-8.7970	11.8	5.7	69	12.9	9.7	9	5	178	0.80	1.33	1.7	Portugal
623		05:40:34.10	2.89	0.09	39.0545	-1.1055	125.5	14.2	114	185.6	29.2	5	3	173	0.54	1.22	1.7	Portugal
624		12:02:11.01	0.39	0.76	37.7958	-6.8453	3.8	2.7	1	0.0		18	18	98	0.14	1.83	1.5	Spain
625		14:04:52.96	1.49	0.45	36.3764	-9.9547	24.4	13.5	1	11.6	8.2	18	10	305	1.18	6.57	2.8	West of Gibraltar
626		14:22:04.32	1.21	0.44	36.9709	-3.9670	13.2	6.0	154	56.6	13.5	14	11	127	0.18	3.31	1.5	Straight of Gibraltar
627		15:32:33.69	1.34	0.37	36.9627	-8.9201	12.8	10.3	16	29.8	5.9	19	11	281	0.19	5.56	2.6	West of Gibraltar
628		16:26:39.79	1.86	1.06	35.5458	-1.1246	32.6	6.8	161	6.2	27.2	11	7	261	2.04	3.99	2.6	Northern Algeria
629		17:44:35.40	1.02	0.56	37.3233	-2.4703	32.7	3.8	160	5.0	16.3	10	7	182	0.78	2.46	1.7	Spain
630		18:18:06.65	2.75	0.14	36.7287	-2.8278	17.1	16.2	79	0.0		5	3	328	0.66	1.10	1.7	Straight of Gibraltar
631		21:19:37.95	0.56	0.85	39.1425	-2.7213	3.7	2.9	11	11.0	2.5	38	25	90	1.04	9.00	3.9	Spain
632		22:46:47.03	1.41	0.12	36.9135	-3.9224	15.1	7.6	151	58.0	11.6	9	6	142	0.24	1.36	1.0	Straight of Gibraltar
633	26 Abr	02:33:23.42	0.52	0.95	39.1653	-2.6993	5.3	4.2	39	0.0		15	9	103	0.62	3.15	2.7	Spain
634		04:29:55.94	0.50	0.83	35.4730	-3.6808	5.8	3.8	46	0.0		17	11	107	0.62	3.86	2.2	Straight of Gibraltar
635		06:01:04.29	1.51	0.18	39.9192	0.2719	15.3	5.4	16	3.3	8.9	7	4	217	1.01	2.72	2.2	Spain
636		07:43:07.29	1.81	0.57	35.8015	-1.1995	14.3	5.8	146	7.3	13.0	12	8	220	1.42	3.80	2.3	Northern Algeria
637		09:44:36.95	0.83	0.25	37.3249	-8.5664	12.0	4.3	149	0.6	9.8	8	4	186	0.28	1.48	1.3	Portugal
638		12:31:36.10	1.49	0.44	36.7837	-7.3975	12.0	7.1	21	27.8	9.3	11	7	231	0.63	2.04	1.2	Straight of Gibraltar
639		22:35:37.80	0.80	0.43	37.3164	-8.9467	8.9	5.6	33	25.2	5.7	22	11	198	0.21	3.57	1.9	Portugal
640	27 Abr	05:13:33.52	0.95	0.51	34.3247	-5.4525	9.4	3.8	99	13.9	10.1	22	12	149	1.04	4.66	2.7	Morocco
641		05:25:55.79	1.29	0.05	36.9872	-3.8789	7.2	4.4	0	14.3	16.9	7	4	119	0.22	0.83	0.9	Straight of Gibraltar
642		06:14:34.74	0.76	0.77	36.9463	-5.2559	10.4	6.2	6	23.1	9.8	8	6	126	0.49	1.39	1.6	Straight of Gibraltar
643		12:12:26.04	0.48	0.77	36.9482	-4.1723	4.6	3.4	131	0.0		13	7	127	0.17	1.50	1.5	Straight of Gibraltar
644		12:15:04.84	1.75	0.35	35.9077	-7.5662	16.0	8.2	2	46.3	76.0	16	9	265	1.36	2.95	2.1	Spain
645		14:39:24.66	0.52	0.70	39.1350	-2.6916	4.0	3.2	14	20.4	2.3	27	13	90	1.02	4.09	3.3	Spain
646		15:10:43.64	1.57	1.00	40.3961	-1.3696	10.9	6.0	10	22.7	8.8	10	5	215	0.86	3.34	2.3	Spain
647		19:48:25.41	0.40	0.77	39.4538	-2.4941	4.1	2.7	19	22.6	0.9	40	22	116	1.03	6.29	3.0	Spain
648		23:21:54.35	0.79	0.68	36.2537	-4.5388	6.9	5.2	68	86.4	8.3	21	12	140	0.36	3.58	1.6	Straight of Gibraltar
649	28 Abr	04:51:48.68	0.58	0.37	37.3522	-8.3846	6.7	4.2	159	6.8	5.3	16	8	135	0.38	2.46	1.7	Portugal
650		12:55:58.73	0.43	0.58	37.7443	-6.6288	5.0	3.1	177	5.7	4.4	16	8	107	0.04	1.68	2.2	Spain
651		17:32:26.04	1.59	1.00	36.5647	-7.8857	11.1	5.7	11	29.1	14.7	15	9	228	0.68	3.08	2.0	Straight of Gibraltar
652		18:54:56.88	1.04	0.60	34.8991	-5.6680	4.7	2.8	101	7.0	6.9	33	17	113	1.34	4.25	3.0	Morocco
653	29 Abr	02:45:27.65	0.99	0.53	34.9178	-5.6484	6.0	3.4	89	14.4	7.8	26	15	123	1.36	4.24	2.5	Morocco
654		10:57:09.60	1.12	0.90	36.4298	-10.9956	9.6	7.9	103	0.0		27	15	268	1.88	5.63	3.3	Azores Cape St. Vincent R
655		20:27:20.93	0.62	0.36	35.3250	-4.5970	9.4	4.3	99	34.7	3.2	18	13	167	1.25	4.92	2.3	Straight of Gibraltar
656		20:49:18.41	0.66	0.84	37.2984	-1.3635	7.9	3.2	145	17.7	4.3	25	15	192	0.41	4.88	2.6	Spain
657	30 Abr	00:20:44.01	2.14	0.09	36.6980	-4.8517	23.9	10.2	141	42.9	23.5	7	4	137	0.15	2.26	0.9	Straight of Gibraltar
658		01:07:55.32	1.07	0.52	36.5681	-4.4671	9.8	5.1	0	77.8	7.6	19	12	192	0.20	2.60	1.6	Straight of Gibraltar
659		02:53:34.65	0.96	1.25	35.6945	-9.6609	10.6	4.4	93	0.0		21	12	228	1.59	5.17	2.8	West of Gibraltar
660		10:01:59.72	0.99	0.38	37.2826	-8.3328	10.2	6.8	157	24.4	9.0	8	5	152	0.32	1.27	1.1	Portugal

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	S:maj	S:min	Az	Depth	ERR	N:df	M:sta	GAP	mdist	Mdist	Mag	Z.Geo.
661		10:51:04.99	0.45	0.54	37.9987	-7.6084	4.0	3.1	99	0.0		14	7	105	0.47	0.87	1.4	Portugal
662		15:40:38.82	2.70	0.69	32.5964	-6.6089	19.2	6.3	124	8.4	23.9	6	3	144	0.97	1.75		Morocco
663		19:40:58.33	2.26	0.69	36.7097	-8.9753	14.8	11.2	48	0.0		8	5	318	0.44	1.97	1.5	West of Gibraltar
664		20:23:03.05	1.44	0.37	36.5801	-10.9688	37.8	9.9	58	3.3	28.8	17	10	298	1.80	4.67	2.8	Azores Cape St. Vincent R
665	01 May	21:24:08.20	0.99	0.44	37.8062	-6.6422	9.4	6.1	49	5.2	6.9	8	5	186	0.05	1.30	1.1	Spain
666		03:13:23.56	1.63	0.60	35.8534	-9.6907	20.2	11.1	107	0.0		16	10	315	1.45	4.08	2.4	West of Gibraltar
667		11:29:31.64	1.25	0.36	36.8849	-5.2637	17.7	9.9	155	21.4	23.1	11	7	151	0.51	2.16	1.6	Strait of Gibraltar
668		20:50:15.27	1.40	0.52	36.7767	-10.8917	11.1	6.9	29	0.0		21	11	302	1.69	4.55	2.4	Azores Cape St. Vincent R
669	02 May	02:29:35.43	1.94	0.25	36.7402	-4.4649	21.3	8.1	146	53.9	13.8	8	4	162	0.04	0.68	1.1	Strait of Gibraltar
670		03:06:05.34	0.54	0.85	37.9980	-0.9521	5.0	5.7	91	0.0		19	13	125	0.28	3.53	2.5	Spain
671		12:51:03.39	1.20	2.88	34.4105	26.2375	12.3	3.2	29	12.6	7.3	35	19	123	1.41	102.04	6.1	Crete, Greece
672		13:33:54.52	3.05	0.77	34.2733	25.5718	23.1	12.4	23	38.3	27.4	34	33	168	1.16	56.52	5.2	Crete, Greece
673		16:44:30.45	2.89	1.18	34.2531	25.6796	19.3	10.1	14	35.4	24.2	39	39	118	1.22	77.73	5.1	Crete, Greece
674		22:17:04.26	0.73	0.65	37.8604	-3.2414	5.8	4.8	81	0.0		11	7	134	0.67	1.73	1.3	Spain
675	03 May	00:16:40.41	0.93	0.71	36.7900	-9.4985	7.2	4.3	90	26.4	6.6	30	15	211	0.64	4.85	2.6	West of Gibraltar
676		00:38:18.59	1.51	0.78	37.1226	-13.1824	17.9	11.4	174	0.0		18	10	327	3.48	6.24	2.8	Azores Cape St. Vincent R
677		00:38:18.59	1.51	0.78	37.1226	-13.1824	17.9	11.4	174	0.0		18	10	327	3.48	6.24	2.9	Azores Cape St. Vincent R
678		02:49:31.95	1.53	0.36	34.6461	-3.7302	24.9	5.3	112	9.4	18.8	9	5	182	0.93	2.22	1.9	Morocco
679		04:29:38.35	1.50	0.41	36.7761	-11.0646	51.9	15.3	62	12.1	47.1	15	9	305	4.68	105.70	2.5	Azores Cape St. Vincent R
680		11:54:31.96	6.59	0.56	31.0349	129.0083	33.4	15.6	83	81.3	59.0	12	12	189	32.45	105.70	5.6	Kyushu, Japan
681	04 May	04:37:51.19	0.73	0.89	37.9559	-0.5955	6.7	4.5	142	0.0		8	4	166	0.49	1.86	1.7	Spain
682		07:21:17.32	0.25	0.89	37.3646	-3.4831	2.9	2.1	174	0.0		47	27	68	0.16	5.49	3.2	Spain
683		20:02:45.36	0.88	0.74	36.7600	-7.5023	8.6	3.3	33	27.4	5.3	25	14	219	0.59	3.11	2.4	Strait of Gibraltar
684	05 May	09:56:57.43	0.88	0.37	37.1535	-8.2510	10.8	4.0	10	2.0	8.4	10	5	196	0.27	1.40	1.3	Portugal
685		11:36:38.15	0.57	0.84	39.0522	-2.6155	5.0	3.3	164	13.0	10.2	19	10	92	0.93	2.40	2.4	Spain
686		22:18:21.81	2.47	0.36	36.6530	-11.9642	17.1	15.8	88	0.0		11	8	316	2.56	5.40	2.6	Azores Cape St. Vincent R
687		23:27:43.27	1.22	0.36	39.6812	-0.6298	14.6	6.5	170	33.4	5.4	7	4	221	0.28	1.90	1.5	Spain
688	06 May	00:48:47.80	1.44	0.85	39.4954	-3.5332	8.7	7.5	143	0.3	12.5	6	4	175	1.16	2.24	1.6	Spain
689		02:39:45.24	0.64	1.08	34.6075	-3.6876	4.9	2.7	135	5.7	4.6	55	29	179	0.92	6.24	3.6	Morocco
690		03:04:02.85	0.50	0.56	36.5296	-8.4227	5.6	3.3	86	36.2	12.3	35	19	162	0.68	5.85	2.9	West of Gibraltar
691		09:53:14.92	0.47	0.66	37.3950	-4.9488	3.7	2.8	22	0.8	4.4	21	13	77	0.73	2.55	1.9	Spain
692		12:47:08.38	0.40	0.58	37.7177	-6.6246	4.2	3.0	15	0.0		20	10	102	0.06	1.68	2.4	Spain
693		13:53:58.08	3.14	0.98	-7.0251	129.9828	39.1	16.2	99	121.4	22.4	30	30	149	6.27	147.09	7.1	Banda Sea
694	07 May	00:52:10.11	0.57	0.68	37.1946	-7.3786	4.9	3.1	0	3.2	5.1	20	10	162	0.35	1.79	2.0	Portugal
695		01:29:03.86	0.87	0.75	40.3407	-8.7941	14.5	4.5	100	21.4	2.3	12	6	208	1.43	3.46	2.1	Portugal
696		11:21:12.57	6.22	1.49	-3.8735	155.1687	46.6	36.0	19	419.1	58.7	25	25	121	29.20	142.19	2.8	North of Solomon Islands
697		19:12:07.73	0.57	0.41	35.8782	-7.5977	5.8	3.7	79	39.8	18.3	28	18	145	1.39	5.56	2.8	Strait of Gibraltar
698		19:15:47.58	1.30	0.69	37.1099	-13.3036	55.2	12.3	66	9.1	42.7	22	13	314	3.58	7.00	3.4	Azores Cape St. Vincent R
699	08 May	06:19:09.22	2.12	0.32	36.8534	-7.2478	20.4	10.9	5	23.1	13.2	7	4	279	0.67	1.33	1.4	Strait of Gibraltar
700		12:45:56.32	0.41	0.72	37.7237	-6.5861	4.2	2.7	5	0.0		20	10	103	0.08	1.65	2.1	Spain
701	09 May	05:04:18.35	0.42	0.54	37.7774	-6.7416	4.5	2.7	178	0.0		18	10	140	0.06	1.65	1.6	Spain
702	10 May	02:36:49.34	0.37	0.59	37.1848	-3.7448	3.9	2.8	177	0.0		20	12	83	0.24	2.79	2.0	Spain
703		09:02:26.39	0.65	1.59	37.9513	-0.9560	5.4	3.7	149	8.5	4.9	22	12	127	0.25	3.53	2.7	Spain
704		10:59:17.93	0.76	0.69	35.8569	-4.6516	6.0	5.0	50	73.0	13.9	22	12	150	0.71	3.25	2.4	Strait of Gibraltar
705		23:58:50.90	10.36	0.65	35.9996	141.2974	62.7	22.5	107	204.9	100.5	12	12	202	40.46	97.36	5.7	Near East Coast of Honshu
706	11 May	03:56:10.02	0.39	0.63	37.7962	-6.8504	5.1	2.7	174	0.0		18	9	104	0.14	1.83	2.1	Spain
707		08:04:52.78	0.59	0.53	37.0523	-3.8158	6.3	3.7	29	0.0		9	5	143	0.24	1.63	1.0	Spain
708		10:14:12.41	0.65	0.51	37.6049	-8.3545	5.0	3.9	134	0.0	6.2	16	9	157	0.25	2.37	1.7	Portugal
709		22:54:57.49	1.36	0.27	36.7027	-9.6910	11.7	10.1	32	22.0	9.6	19	11	282	0.81	4.32	2.2	West of Gibraltar
710		23:47:05.15	0.73	0.84	39.6427	-7.5428	9.2	4.3	106	22.0	2.6	12	8	131	0.78	2.74	2.1	Portugal
711	12 May	04:33:00.38	1.42	0.57	36.3024	-9.4266	11.1	9.2	86	18.2	8.3	19	11	284	0.96	4.29	2.3	West of Gibraltar
712		12:50:43.10	0.41	0.67	37.7271	-6.6162	3.9	2.8	20	0.0		20	11	103	0.06	1.86	2.1	Spain
713		13:26:18.76	0.53	0.67	38.4011	-6.4931	5.2	3.2	9	0.0		18	9	159	0.49	1.62	1.6	Spain
714		15:41:21.25	1.27	0.68	36.3531	-2.9475	9.0	4.9	171	6.1	7.9	13	9	229	0.75	2.63	2.2	Strait of Gibraltar
715		16:28:34.09	2.93	0.21	40.9857	-5.3204	14.8	6.1	32	2.5	20.8	6	4	160	1.43	3.11	2.4	Spain

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	SmaJ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
716		20:56:07.68	1.04	0.54	35.6041	-3.6942	13.4	3.5	47	0.0		9	5	201	0.67	1.30	2.1	Strait of Gibraltar
717		22:41:12.83	7.50	0.79	-11.9774	166.4626	91.8	28.5	172	111.3	58.9	43	43	261	41.31	160.27	6.5	Santa Cruz Islands
718	13 May	03:27:32.81	0.59	0.99	36.9754	-13.0275	7.2	4.1	128	58.9	4.9	43	23	181	3.36	9.24	4.1	Cape St. Vincent R
719		06:17:27.70	0.92	0.55	36.0664	-8.5394	9.6	4.5	87	29.7	11.7	20	15	180	1.09	5.24	2.6	West of Gibraltar
720		13:18:55.15	0.56	0.37	37.7602	-6.6008	6.3	3.6	173	0.0		12	7	110	0.06	1.18	1.7	Spain
721		13:19:37.49	0.72	0.50	37.7306	-6.5632	7.0	3.8	171	0.0		12	7	110	0.09	1.40	1.7	Spain
722		21:56:36.34	2.57	0.14	36.3418	-9.1920	111.4	15.5	110	7.5	29.7	6	3	337	0.84	2.51	1.4	Spain
723		22:24:44.06	1.35	0.41	39.4526	-0.5638	9.0	7.4	134	5.6	12.3	6	4	172	1.11	2.23	1.8	Spain
724	14 May	23:57:46.09	0.41	0.78	38.3095	-3.9312	3.6	3.0	179	0.0	10.0	23	13	106	0.53	2.45	2.2	Spain
725		01:39:17.96	1.34	0.65	35.2620	-11.5965	18.7	4.8	84	50.5		29	15	247	2.92	6.34	3.2	Azores Cape St. Vincent R
726		12:49:26.44	0.42	0.51	37.7649	-6.6119	4.2	2.7	5	0.0		18	10	106	0.05	1.66	1.8	Spain
727		12:55:25.80	1.71	0.47	36.4175	-3.7731	11.8	4.8	151	0.0		9	5	261	0.46	0.83	1.6	Spain
728		20:50:59.90	0.23	0.73	36.9859	-4.0869	2.5	2.0	169	0.0		56	30	43	0.13	6.59	3.9	Strait of Gibraltar
729		22:01:39.96	0.78	1.17	36.8097	-4.3851	11.4	4.1	136	0.0		7	4	179	0.06	0.85	1.0	Strait of Gibraltar
730		22:50:50.84	0.51	0.27	37.0099	-4.0395	4.8	3.5	159	5.6	7.3	11	6	121	0.12	1.24	1.0	Spain
731	15 May	00:53:41.09	1.67	0.56	40.8993	0.4530	17.5	5.5	136	3.5	11.4	8	5	188	1.70	2.73	2.4	Spain
732		05:10:11.43	0.64	0.76	36.9820	-5.2118	7.4	4.2	58	0.0		9	5	164	0.55	1.88	1.4	Strait of Gibraltar
733		11:03:29.79	3.34	0.46	38.2054	-117.4421	119.5	20.1	86	0.0		33	33	245	50.75	85.34	6.0	Nevada
734		13:17:24.94	0.37	0.51	37.5978	-4.1574	8.8	3.2	50	0.0		10	5	154	0.49	1.11	1.3	Spain
735		16:30:37.72	2.41	0.42	36.5395	-9.6911	15.2	10.3	47	19.2	6.9	10	7	284	0.91	3.10	2.2	West of Gibraltar
736		23:53:15.07	2.09	0.28	36.4182	-3.5203	15.5	7.3	139	13.8	11.5	8	4	273	0.46	1.02	1.0	Strait of Gibraltar
737	16 May	00:44:00.66	0.88	0.46	37.5941	-1.5173	5.6	3.8	145	6.1	21.3	10	5	130	0.15	1.05	1.5	Spain
738		03:15:35.97	13.79	1.37	-15.1822	168.5627	98.6	46.5	166	105.1	108.2	11	11	245	43.53	145.67	5.8	Vanuatu Islands
739		03:32:36.43	0.59	0.75	38.7391	-7.9747	4.1	3.3	175	2.0	5.1	21	12	144	0.21	2.73	1.9	Portugal
740		16:17:58.76	0.91	0.73	36.2187	-5.2036	8.4	3.5	173	13.8	4.9	26	14	220	0.49	3.22	2.8	Strait of Gibraltar
741		17:06:49.75	1.50	0.99	36.4242	-5.2381	12.8	4.3	34	0.0		12	7	241	0.40	1.82	1.4	Strait of Gibraltar
742		23:04:55.86	0.36	0.73	36.2789	-6.6053	3.2	2.7	84	56.0	10.8	53	30	103	0.37	5.66	3.0	Strait of Gibraltar
743		23:58:18.80	2.16	1.09	42.9583	-8.5445	19.1	12.2	154	32.3	2.9	9	6	293	1.68	4.91	3.2	Spain
744	17 May	05:39:40.75	1.10	1.09	36.2634	-5.2816	9.4	4.4	177	2.7	5.7	19	11	230	0.51	2.37	2.0	Spain
745		09:21:11.45	0.98	0.80	38.9129	-9.2287	13.3	10.2	161	20.9	5.0	11	6	171	0.06	1.95	1.6	Portugal
746		13:25:36.60	2.17	0.34	36.7310	-9.0877	20.7	14.3	165	22.7	10.2	9	5	326	0.80	2.23	1.6	West of Gibraltar
747		14:30:05.82	0.93	0.60	36.6517	-7.2176	8.5	3.7	19	17.1	4.9	26	15	212	0.59	4.92	2.1	Strait of Gibraltar
748		21:11:41.47	2.84	0.50	35.3606	-3.7569	37.7	10.2	34	49.7	45.3	6	5	232	0.66	1.77	1.8	Strait of Gibraltar
749		21:19:48.43	1.24	0.73	35.6855	-4.7357	5.9	4.7	105	27.8	12.2	22	12	151	0.88	3.86	2.1	Strait of Gibraltar
750	18 May	02:29:40.04	0.40	0.58	37.2967	-4.1380	4.3	2.6	171	24.8	4.4	36	20	38	0.19	3.38	2.7	Spain
751		04:18:16.79	2.15	0.55	34.1313	25.7010	32.6	15.0	100	0.0		35	35	298	1.33	50.10	5.0	Crete, Greece
752		06:23:13.26	0.93	0.63	40.0230	-1.8528	12.5	4.9	27	23.4	2.8	11	5	196	0.81	3.40	2.1	Spain
753		12:28:28.76	0.53	0.56	37.8366	-3.2913	4.6	3.9	144	0.0		13	7	130	0.64	1.70	1.4	Spain
754		12:47:22.97	0.54	0.47	37.7345	-6.6140	6.2	3.1	168	0.0		14	8	170	0.06	1.67	1.9	Spain
755		14:36:53.87	1.42	0.42	36.6857	-9.7600	12.4	8.4	35	23.1	10.0	19	10	283	0.87	4.38	2.1	West of Gibraltar
756		19:28:30.54	0.46	0.61	37.2798	-4.1206	6.3	5.2	149	23.0	7.6	15	9	119	0.17	2.09	1.7	Spain
757		22:37:16.11	2.56	0.20	39.1665	-1.0838	51.6	7.7	135	18.2	22.4	6	3	238	0.63	1.89	1.7	Spain
758	19 May	23:22:35.06	0.72	0.64	34.1951	25.4906	14.2	5.9	66	0.0		44	41	177	1.20	59.36	5.3	Crete, Greece
759		00:48:01.78	1.36	0.66	37.4659	-2.7355	15.7	4.5	179	14.5	19.6	11	6	101	0.62	2.21	1.4	Spain
760		03:30:51.87	2.09	0.59	36.4631	-4.5228	28.8	8.4	52	91.5	47.8	7	5	204	0.73	1.76	1.1	Strait of Gibraltar
761		07:34:42.66	0.75	0.48	37.2362	-7.8273	8.2	3.2	155	2.8	6.2	16	8	195	0.09	1.61	1.8	Portugal
762		13:23:31.97	0.55	0.50	38.4057	-6.4979	5.3	3.2	66	0.0		15	8	159	0.48	1.53	1.6	Spain
763		17:53:13.63	0.50	0.87	37.4536	-1.7032	5.5	2.7	154	3.4	4.5	21	11	143	0.20	3.01	2.3	Spain
764		00:40:36.77	0.83	1.24	38.5312	-5.0877	16.0	7.4	139	0.0		17	9	280	3.18	5.68	3.2	Northern Algeria
765	20 May	01:40:36.77	0.83	1.24	38.5312	-5.0877	16.0	7.4	139	0.0		17	9	280	3.18	5.68	3.2	Spain
766		03:58:30.31	1.46	0.43	36.8050	-6.9648	9.4	5.1	23	13.7	9.0	11	8	209	0.84	2.04	1.5	Strait of Gibraltar
767		04:02:08.51	1.59	0.50	36.7472	-12.4204	79.1	15.8	64	5.0	62.3	16	9	326	2.90	5.73	2.9	Azores Cape St. Vincent R
768		09:12:18.70	0.63	0.80	37.0782	-4.1072	5.5	4.8	22	6.5	6.9	8	6	107	0.03	1.44	1.4	Spain
769		11:31:05.48	1.66	0.77	37.0721	-5.4136	11.8	5.5	177	3.0	11.4	9	6	201	1.00	2.17	1.6	Spain
770		11:57:38.26	1.12	0.82	35.5490	-3.6771	11.7	4.1	44	0.0		8	5	207	0.64	1.66	2.4	Strait of Gibraltar

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smañ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
771		13:03:27.42	2.54	0.70	32.8355	-6.9991	16.4	6.9	122	0.0	23.6	6	3	136	0.58	1.92		Morocco
772		13:30:51.85	0.42	0.47	37.7403	-6.6117	4.3	2.8	7	0.0		18	10	104	0.06	1.66	2.1	Spain
773		13:32:45.16	0.41	0.75	37.7454	-6.5920	4.2	2.8	7	0.0		19	10	104	0.07	1.65	2.1	Spain
774		19:22:33.03	0.65	0.69	38.1508	-1.0938	5.2	4.4	66	7.7	5.4	12	6	107	0.33	3.41	2.1	Spain
775		21:18:04.32	2.22	0.18	38.1164	-4.1063	30.3	4.7	30	11.7	5.6	7	4	231	0.37	1.30	1.1	Spain
776		23:43:15.92	2.67	0.84	35.1852	20.2583	11.8	5.3	6	11.1	17.4	49	48	115	3.79	82.27	5.9	Central Mediterranean Sea
777	21 May	13:02:21.05	0.55	0.47	37.7327	-6.5680	5.6	3.5	173	0.0		15	8	109	0.09	1.39	1.5	Spain
778		22:56:47.70	1.28	1.41	34.9732	-8.6199	13.3	5.5	87	0.0		11	7	203	2.83	4.55	2.4	West of Gibraltar
779		23:08:10.99	1.17	0.41	35.4316	-3.5736	17.5	4.3	37	31.3	3.5	11	6	215	0.52	1.77	2.0	Strait of Gibraltar
780	22 May	02:18:00.05	1.81	0.23	36.3009	-4.1341	12.2	5.1	164	0.0		9	5	261	0.52	1.06	1.4	Strait of Gibraltar
781		02:56:47.06	1.27	0.90	35.5174	-3.7060	13.5	3.4	46	1.4	17.4	10	6	109	0.65	2.32	1.9	Strait of Gibraltar
782		03:40:35.87	4.85	0.62	34.6215	25.7112	47.9	21.5	132	36.6	24.3	29	29	297	0.95	49.64	4.6	Crete, Greece
783		08:46:05.69	3.46	0.72	22.4414	-108.4066	120.9	19.5	80	0.0		38	38	239	57.10	93.28	5.8	Off Coast of Central Mexi
784		14:00:10.66	0.69	0.46	37.7434	-6.0019	5.4	4.5	12	0.0		14	8	108	0.06	1.36	1.8	Spain
785		15:02:50.38	0.56	0.27	37.6301	-4.2488	9.2	3.3	52	6.1	11.1	10	6	148	0.53	1.14	1.3	Spain
786		18:10:08.64	2.20	0.38	38.0318	-0.7572	155.2	13.3	57	71.8	118.9	6	3	248	0.43	0.87		Spain
787		20:24:46.28	0.78	0.87	38.3572	-1.2259	6.9	3.5	68	15.4	7.2	18	9	205	0.38	3.31	2.1	Spain
788	23 May	10:29:01.88	1.15	0.50	36.6761	-7.2852	10.0	4.8	6	51.8	14.4	19	11	210	0.61	2.62	1.6	Spain
789		22:50:15.14	3.99	0.72	34.4665	25.6442	25.5	10.8	9	25.4	27.7	35	35	168	1.03	77.79	5.0	Strait of Gibraltar
790	24 May	00:48:27.22	0.72	0.35	37.3542	-8.5988	8.1	4.1	137	0.7	17.3	8	4	161	0.29	1.26	0.9	Crete, Greece
791		01:09:44.09	0.45	0.70	35.4692	-3.5587	4.7	3.8	18	24.1	2.1	25	13	105	0.52	3.95	2.5	Portugal
792		08:11:54.87	0.57	0.52	37.2033	-7.3001	5.0	3.1	0	1.7	6.2	18	9	161	0.36	1.73	1.6	Strait of Gibraltar
793		09:11:27.50	0.66	0.63	30.5463	50.9941	38.3	11.8	24	0.0		17	17	166	22.39	78.15	5.3	Portugal
794		09:31:03.45	1.92	0.46	38.2818	-0.1178	26.2	7.2	170	34.2	13.2	7	4	168	0.98	1.36	2.0	Northern and Central Iran
795		11:31:30.11	2.94	0.09	37.3070	-8.5671	13.3	6.3	159	6.7	77.4	6	4	182	0.27	0.89		Spain
796		15:06:52.23	0.74	0.53	37.7934	-3.2538	5.5	3.5	175	22.0	3.0	21	12	70	0.61	2.51	1.7	Portugal
797		15:24:24.14	0.46	0.68	37.3389	-8.5423	3.9	3.6	36	20.4	1.3	32	15	114	0.14	0.47	3.0	Spain
798		20:35:22.56	2.55	0.18	37.0213	-3.9766	13.1	8.2	32	22.8	16.9	6	3	191	0.32	5.67		Spain
799	25 May	06:44:02.00	2.20	0.09	36.5619	-8.0962	15.9	9.4	162	28.1	10.5	8	4	287	0.69	1.09	1.3	West of Gibraltar
800		12:45:58.00	0.46	0.71	37.7417	-6.6224	4.5	2.9	179	0.0		19	10	104	0.05	1.67	2.1	Spain
801	26 May	06:01:05.84	2.54	0.32	36.9455	-8.6944	19.4	13.2	161	15.0	33.0	6	3	266	0.21	0.86		West of Gibraltar
802		12:45:55.88	1.31	0.13	37.0144	-2.0091	23.8	4.2	154	15.7	7.0	8	4	200	0.16	1.16	1.6	Spain
803		13:12:07.45	0.92	0.82	38.3944	-6.4901	5.6	3.7	10	10.0	3.3	13	7	158	0.48	1.52	1.7	Spain
804		16:43:05.06	0.76	0.41	35.6788	-8.7379	9.7	4.9	91	38.6	31.7	19	15	187	1.45	4.90	2.8	Spain
805		16:47:22.01	0.61	0.78	37.4086	-2.5664	5.3	3.2	172	10.6	2.0	17	12	91	0.52	2.94	2.4	Spain
806		17:02:01.32	1.09	0.31	37.1023	-5.2904	10.2	5.6	42	17.5	8.3	9	6	185	0.77	1.48	1.9	Spain
807		22:31:37.71	0.74	0.69	37.1023	-5.2008	6.3	5.2	72	4.6	7.8	10	7	98	0.57	1.41	1.5	Spain
808	27 May	01:10:03.60	3.58	0.61	34.7076	25.2637	52.8	32.2	116	44.2	16.0	23	23	303	0.66	27.63	4.6	Crete, Greece
809		06:33:35.52	1.12	0.61	36.5102	-7.9850	7.2	6.8	96	13.3	7.6	13	9	171	0.32	3.80	2.4	Strait of Gibraltar
810		07:54:45.12	0.65	0.16	37.2333	-8.5721	12.7	3.8	156	0.4	9.9	9	5	162	0.23	1.54	1.8	Portugal
811		13:17:59.78	1.64	0.59	34.6907	-2.7620	29.7	5.9	115	6.8	20.7	10	7	177	0.90	3.53	2.9	Morocco
812		13:18:27.63	0.49	0.25	37.4272	-7.7919	4.9	3.0	147	2.0	9.4	14	8	142	0.21	1.45	1.6	Portugal
813		14:17:36.91	0.99	0.11	35.7217	-4.7070	16.6	5.2	87	37.1	27.7	10	6	186	2.23	3.08	2.5	Strait of Gibraltar
814		19:00:06.41	0.56	0.40	37.1353	-3.7401	5.4	4.2	24	2.9	9.3	9	5	106	0.25	1.63	1.2	Spain
815		23:16:27.89	0.65	0.29	35.7159	-3.5475	45.3	3.9	45	31.7	12.8	10	5	180	0.63	1.30	2.5	Spain
816	28 May	12:52:20.92	0.42	0.52	37.7427	-6.5932	3.9	2.8	6	0.0		19	10	99	0.07	1.65	2.0	Strait of Gibraltar
817		13:43:07.18	2.31	0.24	38.9022	-2.8807	7.6	6.1	172	24.3	19.1	7	4	138	1.07	2.16	1.9	Spain
818		13:54:30.17	2.90	0.25	32.6616	-6.6578	15.5	5.8	124	1.7	21.1	7	4	140	0.90	1.80	2.6	Morocco
819		23:11:07.77	3.11	0.40	35.5222	-4.2501	64.4	16.8	89	1.7	33.1	5	3	317	1.12	1.43		Strait of Gibraltar
820		23:20:05.42	0.93	0.56	36.8168	-7.3167	9.5	5.1	6	32.0	14.7	15	8	198	0.65	1.80	1.4	Strait of Gibraltar
821	29 May	00:25:14.48	0.43	0.97	35.5710	-3.6084	5.7	2.7	32	0.0		34	19	175	0.59	4.60	2.9	Strait of Gibraltar
822		02:44:58.78	1.99	0.55	36.2735	-3.8244	12.9	6.4	153	0.0		8	4	276	0.61	0.87	1.9	Strait of Gibraltar
823		12:50:36.11	0.46	0.38	37.7353	-6.6096	4.1	2.9	177	0.0		20	11	100	0.06	1.66	1.9	Spain
824		16:22:10.45	0.39	0.57	36.8032	-7.3449	3.9	3.5	50	37.2	10.7	34	21	106	0.57	5.87	2.9	Spain
825		16:59:47.61	1.69	0.72	37.9750	-9.9121	13.3	7.4	78	67.9	23.4	12	7	252	1.10	3.55	2.3	Portugal

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Snaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
826		22:48:10.93	2.01	0.39	36.3350	-4.1345	15.0	5.7	169	0.0		6	3	256	0.49	0.67		Strait of Gibraltar
827	30 May	15:16:35.36	3.10	0.11	39.3374	-3.0716	23.7	11.5	151	16.1	42.3	5	3	128	0.96	1.67	2.4	Spain
828	31 May	00:08:02.27	1.00	0.60	35.5742	-3.6629	12.7	3.7	45	0.0		8	5	203	0.63	1.34	2.4	Strait of Gibraltar
829		01:52:12.32	1.15	0.70	36.5089	1.6032	17.9	4.7	152	35.6	32.0	20	14	241	2.34	6.01	3.7	Northern Algeria
830		05:09:33.61	3.14	0.70	-15.3623	-71.4905	43.1	15.4	124	136.0	26.4	48	48	142	5.25	158.45	6.4	Southern Peru
831		11:11:14.50	0.59	0.63	33.8043	-5.9625	4.1	3.6	145	14.2	5.5	40	23	88	0.75	8.15	3.6	Morocco
832		11:32:14.86	1.35	0.42	36.5712	-4.5746	13.4	6.0	6	56.4	8.6	16	9	199	0.16	2.92	1.8	Strait of Gibraltar
833		12:38:31.94	1.32	0.44	36.7975	-10.3738	17.2	9.1	178	0.7	7.3	21	13	305	1.28	6.59	3.2	Cape St. Vincent R
834		22:04:46.12	1.93	0.52	36.7146	-9.6993	17.3	10.8	17	50.5	26.3	12	8	282	0.81	3.67	2.3	West of Gibraltar
835		23:33:36.02	1.72	0.68	37.1289	-13.1086	16.1	12.0	173	0.0		18	12	327	3.42	6.18	3.4	Azores Cape St. Vincent R
836		23:39:37.55	0.83	1.10	35.5319	-3.7047	9.3	3.8	40	0.0		15	10	194	0.65	5.33	3.1	Azores Cape St. Vincent R
837	01 Jun	02:18:35.44	0.74	0.48	36.6173	-4.5603	7.0	4.2	3	66.0	6.7	24	15	117	0.18	3.46	2.0	Strait of Gibraltar
838		05:21:05.83	2.12	0.43	36.5173	-9.7718	34.2	10.0	43	29.5	39.5	13	9	286	0.98	3.80	2.3	West of Gibraltar
839		11:38:29.78	1.56	0.53	36.6143	-11.0018	12.7	10.4	16	0.0		19	11	304	1.82	4.68	3.0	Azores Cape St. Vincent R
840		12:49:33.86	0.43	0.56	37.7441	-6.5874	4.1	2.8	1	0.0		21	12	99	0.07	1.87	2.0	Spain
841		19:07:59.52	2.54	0.11	37.1308	-3.5341	11.9	7.9	88	14.8	20.7	6	3	150	0.11	0.46	2.2	Spain
842		19:38:32.53	0.61	0.66	35.5713	-6.8085	7.2	4.3	56	31.3	2.5	24	13	168	1.90	3.18	2.2	Strait of Gibraltar
843		22:57:48.56	0.98	0.40	33.4901	-15.7931	10.9	5.8	147	38.4	38.4	12	8	161	1.35	8.91	3.8	Madeira Islands, Portugal
844	02 Jun	02:59:10.80	2.42	0.16	36.6639	-7.6419	17.3	8.6	148	25.5	11.8	7	4	288	0.88	1.89	1.5	Strait of Gibraltar
845		03:28:46.64	1.64	0.37	36.6267	-2.7976	15.8	4.4	176	0.0		8	4	236	0.59	1.16	1.5	Strait of Gibraltar
846		12:45:15.98	0.48	0.37	37.7421	-6.6064	4.1	3.2	10	0.0		18	10	99	0.06	1.66	1.8	Spain
847		12:46:10.55	0.47	0.57	37.7390	-6.5957	4.5	2.9	175	0.0		19	10	99	0.07	1.65	1.6	Spain
848		02:17:10.09	1.29	1.04	35.6184	-3.5997	24.5	12.3	44	86.4	21.6	7	5	194	0.61	0.31	2.0	Strait of Gibraltar
849		07:35:34.13	2.13	0.88	-23.3522	-68.2280	43.5	13.3	118	0.0		49	49	107	2.36	153.50	6.7	Northern Chile
850		09:31:35.40	9.98	0.80	-23.9079	-176.5914	83.1	29.4	174	78.0	79.9	25	25	185	57.96	168.24	6.5	South of Fiji Islands
851		10:23:49.48	0.71	0.66	35.0447	-3.1075	6.8	4.6	133	20.6	4.4	30	19	194	0.29	5.25	2.9	Strait of Gibraltar
852		10:44:17.99	1.66	1.18	37.2394	1.3196	17.6	5.5	149	0.0		11	6	256	1.78	5.41	2.9	Western Mediterranean Sea
853		11:54:57.35	0.74	0.42	37.6147	-6.1593	9.0	3.3	168	0.0		14	8	190	0.43	1.49	1.5	Spain
854		12:46:48.11	0.47	0.50	37.7338	-6.6037	4.2	3.0	174	0.0		19	11	100	0.06	1.66	2.0	Spain
855		12:47:21.86	0.47	0.55	37.7338	-6.5899	4.5	2.9	175	0.0		19	10	100	0.07	1.65	2.1	Spain
856		12:59:16.89	1.06	0.51	40.3023	-1.3317	10.6	5.5	14	89.7	24.3	19	6	164	1.46	4.40	2.2	Spain
857		15:54:02.20	0.67	1.78	-7.1678	116.8007	12.7	8.2	11	626.8	9.4	25	21	139	7.82	122.74	6.5	Bali Sea
858		18:54:59.34	1.65	0.65	35.9360	-9.8518	12.9	11.9	139	0.0		18	11	316	1.45	4.77	2.5	West of Gibraltar
859		21:18:10.12	1.62	0.70	43.2033	-8.6934	16.4	9.7	9	26.1	13.8	15	9	304	1.92	6.06	3.5	Spain
860		22:39:53.78	0.66	0.87	35.0203	-3.1503	5.8	3.4	140	13.4	5.2	41	26	187	0.32	5.38	3.4	Strait of Gibraltar
861	04 Jun	01:10:08.90	0.86	0.47	37.5199	-6.5146	7.1	4.4	157	0.0	6.8	12	7	199	0.28	1.56	1.4	Spain
862		05:24:15.27	0.66	0.50	37.3262	-7.7893	7.3	3.6	150	0.0		12	8	166	0.14	2.02	1.5	Portugal
863		08:49:42.05	1.65	1.35	2.8101	128.0009	17.7	10.3	163	117.4	14.4	37	34	141	5.23	155.98	6.7	Halmahera, Indonesia
864		18:04:39.16	0.47	0.47	37.7291	-6.6019	4.1	2.9	178	0.0		20	11	100	0.07	1.66	2.0	Spain
865		20:50:42.41	1.93	0.09	35.6059	-3.5099	30.0	6.0	64	16.4	22.3	7	5	189	0.54	1.40	2.3	Strait of Gibraltar
866	05 Jun	06:37:01.99	0.43	0.57	37.5788	-7.9690	3.6	3.1	122	0.0	14.8	18	9	78	0.08	1.40	1.6	Portugal
867		08:13:44.26	1.75	0.39	36.2238	-10.3280	17.5	12.7	125	0.0		14	8	319	1.51	4.34	2.5	Azores Cape St. Vincent R
868		11:59:19.22	0.66	0.85	37.5946	-6.0647	4.4	3.1	1	11.0	2.5	19	10	103	0.51	1.80	1.8	Spain
869		12:46:01.06	0.41	0.77	37.7426	-6.6214	3.8	2.8	9	0.0		20	10	100	0.05	1.67	1.8	Spain
870		13:17:11.04	0.39	0.82	38.3258	-8.0281	3.4	2.7	93	0.0		23	12	94	0.20	2.26	2.1	Portugal
871		13:26:47.23	0.70	0.46	38.3356	-7.9956	6.6	3.1	99	5.9	8.9	14	8	172	0.19	1.19	1.4	Portugal
872		17:43:19.96	2.06	0.52	38.8567	-9.7825	25.6	10.7	150	30.8	20.0	10	8	279	0.40	3.51	2.0	Portugal
873		21:22:42.24	0.58	0.44	37.1603	-4.4802	5.7	3.5	52	0.0	24.3	11	6	146	0.30	1.18	1.1	Spain
874	06 Jun	00:06:34.92	0.67	0.55	36.5555	-7.5445	6.4	4.4	15	42.3	34.6	29	16	153	0.75	5.20	2.6	Strait of Gibraltar
875		06:47:31.91	2.54	0.77	38.4000	-2.1128	20.0	8.3	91	3.5		6	3	157	0.51	1.95	1.5	Spain
876		12:28:37.76	0.47	0.56	37.7673	-6.8315	4.0	2.9	166	0.0		18	9	149	0.13	1.25	1.6	Spain
877		15:39:29.37	1.31	0.77	39.6167	-8.5760	10.5	5.7	175	0.0	2.2	15	9	264	0.86	2.42	2.2	Portugal
878	07 Jun	01:18:22.25	2.40	0.38	42.5545	-8.7651	24.8	10.6	152	23.7		6	6	285	1.63	4.57	3.0	Spain
879		03:18:10.55	1.10	1.05	36.3856	-3.2043	10.3	4.1	178	0.0		16	10	224	0.59	2.61	2.6	Strait of Gibraltar
880		03:26:29.69	0.63	0.36	35.3450	-4.6013	7.7	3.8	94	35.6	18.3	27	15	166	1.22	4.94	2.5	Strait of Gibraltar

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
881		19:38:15.49	2.15	0.16	36.4687	-3.0862	16.6	5.6	8	0.0		6	3	258	0.59	0.87		Strait of Gibraltar
882		22:29:05.73	1.42	0.29	36.9327	-7.6445	15.1	6.2	36	32.2	20.3	13	8	231	0.39	2.73	1.7	Strait of Gibraltar
883	08 Jun	00:37:41.73	1.89	0.76	39.5526	-8.3786	18.4	8.4	21	4.7	7.7	8	5	256	0.92	1.73	1.9	Portugal
884		04:08:13.89	1.06	0.23	36.8337	-4.0501	9.6	3.9	156	25.8	12.9	10	5	161	0.28	0.64	1.3	Strait of Gibraltar
885		04:46:41.85	2.72	0.31	36.5302	-9.9636	24.2	10.8	43	36.8	29.6	12	8	289	1.09	3.32	2.4	West of Gibraltar
886		05:52:07.12	0.87	0.02	37.3347	-8.5742	22.3	6.3	166	18.7	20.0	5	4	155	0.29	1.4	1.4	Portugal
887		12:57:31.60	0.46	0.56	37.7369	-6.5941	4.2	2.9	177	0.0	20.0	20	11	99	0.07	1.65	2.1	Spain
888		12:58:04.71	0.41	0.57	37.7178	-6.6032	3.6	2.8	15	0.0		21	11	101	0.07	1.66	2.3	Spain
889		21:08:24.58	0.55	0.50	37.2828	-1.8276	9.3	2.9	136	4.8	5.8	21	12	159	0.39	3.05	2.6	Spain
890		21:10:08.31	0.69	0.33	37.2854	-1.8759	15.5	4.0	136	0.0		7	4	152	0.42	1.37	1.9	Spain
891	09 Jun	02:09:54.95	0.53	0.61	37.8387	-7.6023	5.5	4.3	161	20.8	9.8	13	8	95	0.32	1.03	1.3	Portugal
892		11:39:58.92	1.22	0.38	35.6639	-10.1636	19.0	5.2	95	39.0	36.8	21	14	238	1.82	5.32	3.1	Azores Cape St. Vincent R
893		17:18:24.94	4.98	0.92	27.7484	53.4252	18.2	7.9	35	103.8	47.7	29	29	119	25.40	77.95	5.6	Southern Iran
894		19:12:01.66	1.65	1.01	40.3224	-8.9289	13.7	5.8	109	23.1	2.3	10	7	213	1.39	4.01	2.5	Portugal
895		00:44:29.25	1.15	0.70	36.5659	-3.6393	12.9	4.8	157	26.8	11.7	10	6	200	0.30	1.22	1.5	Strait of Gibraltar
896		09:37:13.79	0.59	0.50	38.5705	-8.7074	5.9	4.1	36	17.2	5.4	16	8	160	0.54	1.79	2.2	Portugal
897		13:12:40.57	0.53	0.55	37.7468	-6.6027	5.3	3.1	170	0.0		16	9	170	0.06	1.66	1.9	Spain
898		13:13:03.65	0.79	1.15	37.6865	-6.5415	9.0	3.4	163	7.9	16.7	10	7	176	0.13	1.63	1.6	Spain
899		19:59:22.85	7.51	0.92	-15.5714	-13.2274	19.2	16.5	72	310.1	79.8	19	19	150	46.58	68.79	5.3	Southern Mid Atlantic Rid
900	11 Jun	00:45:19.79	0.94	0.76	36.5511	-3.5618	7.0	4.3	1	33.9	9.0	14	8	202	0.32	2.12	1.5	Strait of Gibraltar
901		09:35:46.81	0.56	1.27	36.6988	-8.4774	5.1	3.3	84	0.0	8.6	38	21	157	0.52	5.85	3.3	West of Gibraltar
902		23:44:36.79	1.00	0.24	36.8268	-3.0735	12.0	4.4	4	0.0		6	3	197	0.45	0.71		Strait of Gibraltar
903	12 Jun	01:29:09.43	0.69	0.42	37.1429	-1.9902	10.6	3.5	147	0.0	3.8	8	5	165	0.24	1.34	1.9	Spain
904		01:46:11.07	1.14	0.47	36.4573	-7.6465	10.2	5.5	9	34.0	79.8	16	9	232	0.82	2.41	2.1	Strait of Gibraltar
905		02:53:25.63	13.87	1.12	-42.7451	41.9557	39.3	20.6	29	13.0		11	11	227	21.17	127.44	5.5	Prince Edward Islands Reg
906		12:49:38.43	0.42	0.48	37.7184	-6.5948	3.9	2.8	5	0.0		21	12	101	0.08	2.56	2.0	Spain
907		12:50:05.00	0.67	0.60	37.7101	-6.5946	5.4	3.6	153	1.6	6.3	17	9	178	0.08	1.40	2.0	Spain
908		13:21:47.86	2.54	0.79	37.0604	-3.6170	8.8	4.9	122	4.4	64.0	13	6	3	137	0.19	0.40	Spain
909	13 Jun	00:04:09.53	1.55	0.79	43.4331	-9.0725	8.9	7.9	136	9.7	6.0	18	8	301	2.28	5.85	3.9	Spain
910		03:10:26.52	0.47	0.73	36.1352	-10.9454	5.0	3.6	113	63.1	4.0	55	31	145	2.66	8.61	4.3	Azores Cape St. Vincent R
911		06:09:54.65	0.48	0.51	37.0777	-3.8500	4.5	3.5	173	4.6	7.7	14	7	96	0.21	1.60	1.5	Spain
912		09:29:14.06	0.98	1.07	35.7277	-10.0014	9.5	5.6	93	0.0		16	16	216	1.69	5.32	3.1	Azores Cape St. Vincent R
913		11:10:33.65	1.39	1.06	35.9112	-0.3794	18.8	5.7	147	6.4	15.8	19	13	258	1.75	5.93	3.3	Northern Algeria
914		11:58:27.86	1.30	0.54	36.8483	-12.0523	12.4	9.4	2	0.0		24	14	309	2.60	6.54	3.6	Azores Cape St. Vincent R
915		14:25:40.46	0.82	0.49	36.7302	-4.9041	7.8	5.6	174	0.0	11.0	11	7	133	0.20	1.46	1.6	Strait of Gibraltar
916	14 Jun	15:51:23.75	1.41	1.23	28.8230	128.3083	15.0	6.7	94	169.0	11.8	35	30	104	30.17	162.77	6.2	Ryukyu Islands, Japan
917		18:01:47.02	0.51	0.57	37.8566	-8.1141	5.1	3.0	99	6.3	5.7	18	9	148	0.23	1.25	1.8	Portugal
918		19:52:46.17	2.54	0.02	37.7569	-1.3701	43.4	7.5	63	24.3	12.7	6	3	231	0.13	0.90		Spain
919		21:08:21.91	4.78	0.62	18.8337	145.5064	45.2	13.8	98	538.2	45.7	21	21	216	28.27	124.02	6.0	Mariana Islands
920		21:24:37.06	0.49	3.99	36.2155	-3.8168	26.9	17.7	135	750.0		15	15	82	0.67	6.00	3.1	Strait of Gibraltar
921	14 Jun	14:24:28.66	3.75	1.02	39.5145	-8.0396	64.7	28.7	123	0.0		27	27	307	13.21	39.66	5.6	Turkey
922		18:38:59.10	1.37	0.29	37.1052	-4.2993	14.0	5.0	163	24.3	13.3	8	4	209	0.32	0.78	1.5	Portugal
923	15 Jun	01:31:54.99	2.52	0.12	39.0884	-0.0587	16.5	5.4	3	34.0	7.5	6	3	161	0.90	1.23		Spain
924		01:39:41.01	1.19	0.69	36.4785	-5.4704	8.9	5.0	25	0.4	9.5	12	7	210	0.50	2.12	2.0	Strait of Gibraltar
925		06:51:26.07	0.77	1.34	39.0483	41.2940	34.8	12.6	7	0.0		19	19	157	13.61	90.67	5.4	Turkey
926		12:40:38.65	0.62	0.47	37.2288	-1.9641	10.0	3.6	147	2.2	10.0	9	5	152	0.32	1.45	1.8	Spain
927		12:46:49.99	0.47	0.51	37.7245	-6.6032	4.2	3.0	176	0.0		20	11	101	0.07	1.66	2.0	Spain
928		13:21:53.78	0.45	0.71	36.9990	-3.6316	3.9	3.2	166	0.0		16	8	87	0.13	1.78	2.0	Strait of Gibraltar
929		18:06:25.62	1.66	0.60	36.7918	-7.2515	10.2	5.5	177	0.0		17	7	261	0.71	1.94	1.7	Strait of Gibraltar
930		00:55:03.55	0.54	0.58	37.3298	-7.7129	4.8	3.0	156	0.0		18	11	136	0.19	1.97	1.2	Portugal
931	16 Jun	01:30:44.96	1.14	0.83	37.7079	72.3509	19.4	7.9	38	100.8	10.7	41	34	134	30.11	145.79	5.7	Tajikistan
932		03:12:50.77	1.42	0.75	36.3451	-7.8516	11.4	6.9	28	3.3	7.9	15	10	244	1.11	3.18	2.1	Strait of Gibraltar
933		04:45:25.01	1.56	0.64	37.1336	-10.6118	11.7	9.4	62	0.0		19	12	297	1.43	4.90	2.5	Azores Cape St. Vincent R
934		12:13:11.24	1.13	0.75	36.6721	-3.7463	8.7	4.3	149	0.0		14	7	236	0.22	1.93	1.9	Strait of Gibraltar
935		13:06:08.05	0.47	0.41	37.7254	-6.6154	4.2	3.0	176	0.0		19	11	101	0.06	1.67	2.0	Spain



SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitude	Longitude	SmaJ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
936		14:00:57.93	0.88	0.26	37.5039	-7.6043	8.9	4.7	152	21.5	7.4	9	5	152	0.10	0.81	1.1	Portugal
937		14:30:23.58	0.68	1.13	27.5621	35.2416	24.9	11.0	44	0.0		18	18	124	11.72	59.07	5.4	Western Arabian Peninsula
938		18:42:39.64	1.36	0.67	36.5252	-7.4333	9.0	5.4	6	18.0	5.9	16	9	224	0.23	1.9	2.2	Strait of Gibraltar
939	17 Jun	01:48:43.81	0.67	0.48	37.8348	-4.1508	8.3	3.2	51	4.3	9.8	14	7	163	0.47	1.77	2.2	Spain
940		02:01:23.26	0.49	0.55	37.1565	-3.6822	4.7	3.8	173	2.2	8.5	13	7	110	0.20	1.66	1.6	Spain
941		02:09:22.94	0.39	1.05	37.1628	-3.6470	4.5	2.8	173	0.0		18	10	105	0.17	2.03	2.0	Spain
942		02:11:49.69	0.59	0.39	37.1718	-3.6580	5.1	4.3	20	0.0		8	4	115	0.18	1.23	1.2	Spain
943		02:13:34.77	0.82	0.08	37.2467	-3.6676	9.7	4.7	167	6.6	11.5	8	5	161	0.19	1.62	1.2	Spain
944		03:30:11.92	0.62	0.60	36.7602	-8.5350	7.9	4.0	96	38.2	12.4	28	15	158	0.44	5.92	3.2	West of Gibraltar
945		03:57:37.43	0.72	0.31	37.1522	-4.6369	9.3	4.9	47	30.1	6.6	9	6	134	0.42	1.73	1.6	Spain
946		04:59:25.53	5.17	0.82	43.2394	-14.5746	33.1	12.9	119	49.3	221.3	26	13	317	5.86	9.12	4.0	North Atlantic Ocean
947		06:24:22.25	5.28	2.70	-17.5696	-175.4218	56.7	16.6	9	304.1	48.7	15	15	113	58.92	156.35	5.8	Tonga Islands
948		13:34:56.28	0.80	1.18	42.9954	-2.1691	8.4	4.5	0	20.5	1.7	30	18	202	2.80	6.98	3.9	Spain
949		13:57:49.03	1.88	0.62	43.0527	-2.2976	14.7	7.2	16	9.3	18.2	12	8	204	2.83	5.51	3.2	Spain
950		15:08:32.83	0.45	0.63	37.1851	-3.6711	4.6	3.2	175	0.0	8.9	15	8	84	0.19	2.22	2.1	Spain
951		15:39:13.15	0.68	0.52	37.1152	-3.1403	7.2	4.6	164	0.0		10	6	137	0.26	2.05	1.8	Spain
952		18:00:18.00	1.39	0.55	36.4269	-7.5392	9.8	5.6	15	17.6	7.3	13	8	233	0.87	2.36	1.9	Strait of Gibraltar
953		23:40:44.14	0.58	0.43	37.0117	-4.1909	5.5	4.2	109	1.7	9.5	10	5	110	0.12	1.44	1.5	Spain
954		23:50:04.40	3.46	1.05	34.0403	24.1972	30.5	9.3	119	6.8	37.1	10	8	256	1.37	23.46	4.0	Crete, Greece
955	18 Jun	12:50:05.70	5.69	0.93	-32.5474	-177.8770	58.6	17.9	9	104.7	46.7	19	40	111	57.79	174.96	6.9	South of Kermadec Islands
956		13:00:17.90	0.54	0.58	37.7216	-6.6030	4.7	3.0	169	0.0		10	10	172	0.07	1.66	1.9	Spain
957		13:01:00.91	0.44	0.47	37.7375	-6.6005	3.8	2.8	5	0.0		20	11	100	0.06	1.66	2.0	Spain
958		21:37:57.10	0.94	1.12	36.9367	-4.6018	26.2	6.5	171	19.9	22.5	7	5	125	0.22	1.31	1.3	Strait of Gibraltar
959	19 Jun	07:43:24.11	2.66	1.06	34.4936	25.6153	19.3	12.1	27	36.3	22.9	19	19	124	0.99	56.54	4.8	Crete, Greece
960		11:37:18.79	1.48	0.78	37.5937	-15.2251	15.7	10.9	0	0.0		19	11	320	5.12	8.44	3.7	Azores Cape St. Vincent R
961		12:51:16.28	0.66	0.33	37.7427	-6.5862	5.3	3.5	158	0.0		15	8	175	0.07	1.37	1.9	Spain
962		12:51:46.77	0.67	0.37	37.7308	-6.5998	5.5	3.6	154	3.4	15.3	15	8	176	0.07	1.37	1.9	Spain
963		13:20:53.84	0.49	0.62	38.4331	-6.4937	4.5	3.1	18	0.0		18	9	150	0.50	1.53	1.7	Spain
964		21:11:10.84	1.40	0.30	37.8380	-2.4971	12.0	5.1	108	1.6	19.4	10	5	120	0.90	2.32	1.7	Spain
965	20 Jun	01:11:35.12	1.85	0.39	35.5258	-3.7043	14.1	6.0	94	21.8	18.2	10	6	123	0.65	2.32	1.8	Strait of Gibraltar
966		02:35:34.32	1.86	0.44	36.7526	-2.6524	24.7	4.2	171	0.1	11.8	10	6	220	0.42	2.08	1.7	Strait of Gibraltar
967		03:07:46.78	1.77	0.06	35.4970	-3.7083	13.5	6.1	112	21.6	13.9	7	5	151	0.64	2.30	2.3	Strait of Gibraltar
968		09:12:19.33	1.98	0.62	36.5764	-9.6749	12.5	10.3	18	19.5	7.7	15	12	281	0.88	4.36	2.5	West of Gibraltar
969		17:30:37.78	0.64	0.45	37.0842	-3.5872	5.0	4.0	127	0.0		9	6	144	0.17	1.76	1.0	Spain
970		19:20:20.92	0.73	0.59	66.2537	-18.8634	33.1	10.3	55	0.0		19	19	168	9.32	36.06	5.4	Iceland Region
971	21 Jun	02:26:22.49	1.19	0.59	36.6952	-7.0715	8.5	4.2	13	25.3	7.0	21	12	229	0.49	2.47	2.1	Strait of Gibraltar
972		08:08:14.35	0.50	0.66	37.0975	-5.2102	5.6	3.6	4	15.6	6.3	18	10	128	0.57	2.18	2.1	Spain
973		14:15:42.93	0.61	0.59	37.1905	-3.5149	5.3	4.3	166	0.0		8	4	119	0.06	1.29	1.4	Spain
974		16:56:29.89	1.37	0.40	38.1475	-1.0666	17.3	4.4	75	0.0		6	3	211	0.33	0.62	1.4	Spain
975		19:07:59.88	1.31	1.22	66.3057	-19.7452	19.5	10.1	71	65.2	15.7	34	33	160	9.06	86.49	5.6	Iceland Region
976		22:15:54.40	1.04	0.86	37.6636	-2.2784	8.8	4.1	192	23.1	10.1	9	6	104	0.69	1.89	1.6	Spain
977		22:34:12.26	0.95	0.93	38.1874	-2.0156	8.5	4.8	9	19.6	9.5	9	5	152	0.59	1.98	1.9	Spain
978	22 Jun	14:35:20.20	1.64	0.42	36.6354	-9.6671	17.5	11.0	167	27.8	9.3	14	8	301	0.84	2.98	2.4	West of Gibraltar
979		17:02:14.09	1.39	0.66	34.6478	-9.7704	12.1	7.8	66	0.0		19	12	260	2.50	4.66	3.4	West of Gibraltar
980		20:04:14.24	2.57	0.65	36.2916	-10.5362	11.8	38.6	51	11.2	100.3	9	7	230	1.61	4.46	3.0	West of Gibraltar
981		22:03:24.84	3.77	0.73	38.8273	-8.2195	23.4	9.0	118	17.9	6.4	6	5	293	0.34	1.61	1.4	Azores Cape St. Vincent R
982	23 Jun	02:28:06.83	1.66	0.83	36.9036	-7.5649	13.6	8.6	42	10.1	12.4	8	5	228	0.45	1.37	2.1	Portugal
983		04:49:29.65	1.14	0.47	36.4868	-7.5798	10.4	5.3	12	34.1	4.7	21	11	229	0.81	1.37	2.1	Strait of Gibraltar
984		07:36:06.26	2.01	0.68	37.3266	-3.9115	47.4	8.7	146	1.3	34.5	10	6	282	5.18	3.4	2.3	Strait of Gibraltar
985		07:43:25.45	2.02	1.08	0.3713	123.8126	28.4	13.2	16	80.7	17.8	16	16	181	1.75	156.61	6.3	Western Mediterranean Sea
986		12:15:44.03	1.83	0.86	37.0683	-8.6474	26.0	7.8	6	11.6	7.7	11	7	221	0.16	1.98	2.3	Minahassa Peninsula, Sula
987		14:16:06.85	1.37	0.55	37.2194	-9.0646	13.6	10.3	19	24.3	7.5	15	9	277	0.21	1.02	2.3	Portugal
988		15:28:56.52	0.46	2.35	15.6991	-97.1939	11.9	8.1	101	0.0		52	37	126	45.03	155.96	7.1	Near Coast of Oaxaca, Mex
989	24 Jun	03:49:20.84	0.88	0.67	37.3087	-1.4068	8.2	4.2	139	0.0		9	5	193	0.41	1.66	1.9	Spain
990		12:48:54.37	0.61	0.50	37.7269	-6.5968	6.4	3.6	173	0.0		12	7	171	0.07	1.66	1.9	Spain

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	SmaJ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
991		12:49:27.21	0.73	0.95	37.7495	-6.5989	4.6	3.4	177	11.8	3.0	14	8	99	0.06	1.65	2.1	Spain
992		13:08:27.82	0.76	0.37	37.3056	-8.5394	11.2	4.0	152	0.0		6	5	166	0.29	1.88	1.4	Portugal
993		17:41:07.73	6.68	0.72	36.6635	-116.8302	35.5	19.5	94	124.8	55.0	25	25	151	51.99	159.55	5.5	California-Nevada Border
994		18:43:47.60	0.95	0.93	36.6925	-4.5175	11.4	4.1	6	96.7	15.3	22	12	206	0.53	3.33	2.5	Strait of Gibraltar
995		19:47:41.52	0.66	0.82	35.3607	140.6989	29.5	11.7	100	0.0		21	21	125	39.68	151.13	5.9	Near East Coast of Honshu
996	25 Jun	03:51:13.78	0.73	0.48	36.6558	-9.5215	7.4	3.6	90	41.1	23.7	33	18	203	6.63	3.2	3.2	West of Gibraltar
997		05:47:35.77	0.97	0.41	35.3482	-4.6093	8.7	5.2	98	38.0	29.9	11	8	165	1.71	3.43	2.3	Strait of Gibraltar
998		10:03:31.26	0.80	5.21	39.6360	43.7109	21.1	12.7	30	0.0		14	14	146	15.56	50.39	5.3	Turkey
999		12:13:24.63	0.59	0.31	37.6446	-4.1616	9.1	3.2	50	0.0		10	6	157	0.54	1.26	1.7	Spain
1000		13:05:36.05	0.57	0.61	37.7292	-6.6235	4.9	4.0	7	1.3	9.3	15	10	101	0.05	1.68	1.9	Spain
1001		13:11:42.97	1.25	0.39	36.6565	-7.4296	14.8	5.6	40	21.5	10.6	19	11	245	0.71	5.30	2.3	Strait of Gibraltar
1002		21:05:41.40	4.50	0.67	35.3180	82.4631	21.9	8.7	41	229.0	44.3	30	30	139	26.85	150.81	5.7	Xizang
1003	26 Jun	02:55:59.03	1.73	0.86	37.7120	-3.2142	25.8	5.5	174	0.0		6	3	228	1.17	1.78		Spain
1004		04:56:36.30	3.12	0.09	36.6251	-7.4360	23.8	20.0	127	27.4	30.4	5	3	315	1.58	0.73	5.3	Strait of Gibraltar
1005		07:21:06.23	4.52	0.96	38.4932	28.4921	68.5	17.7	89	0.0		18	18	270	4.31	30.19		Turkey
1006		08:41:28.03	1.20	0.45	36.4352	-3.4673	8.8	6.2	171	0.0		9	6	215	0.45	1.15	1.8	Strait of Gibraltar
1007		12:42:30.05	0.51	0.44	37.7410	-6.5529	4.4	3.3	177	0.0		16	16	98	0.10	1.40	1.9	Spain
1008		12:43:02.64	0.66	0.39	37.7303	-6.5833	5.3	3.5	158	0.0		15	8	176	0.08	1.38	1.9	Spain
1009		21:41:36.43	1.10	0.54	42.0846	-1.5382	16.1	5.4	149	23.0	1.9	8	4	191	0.75	4.26	3.2	Pyrenees
1010		21:49:35.30	0.83	0.79	37.7590	-8.9349	7.1	4.1	63	0.0		16	11	175	0.63	2.80	2.3	Portugal
1011	27 Jun	03:51:15.81	0.62	0.72	37.9506	-0.7976	5.7	3.6	102	15.7	5.8	23	16	147	6.06	3.4	3.4	Portugal
1012		03:54:31.46	0.93	0.75	38.0084	-0.7838	8.2	3.9	90	2.1	9.3	13	8	144	2.99	2.99	2.2	Spain
1013		14:14:36.69	1.05	0.54	36.9762	-12.9270	19.9	6.8	92	17.3	18.0	33	17	261	3.28	9.16	3.7	Azores Cape St. Vincent R
1014		14:24:13.04	0.79	0.44	37.2685	-1.8052	22.8	4.1	139	0.0		5	3	170	0.44	0.73		Spain
1015		17:32:20.65	0.81	0.67	33.0502	-12.2909	6.0	4.7	163	31.2	17.1	39	20	153	4.10	10.35	4.2	Madeira Islands, Portugal
1016		17:53:21.03	0.60	0.51	36.8757	-3.7125	6.2	3.6	176	0.0		11	6	153	0.07	1.46	1.6	Strait of Gibraltar
1017		20:18:53.67	1.02	0.57	36.6435	-11.2152	13.4	4.4	91	54.6	7.5	35	20	243	1.98	7.93	3.5	Azores Cape St. Vincent R
1018	28 Jun	07:22:01.10	0.68	0.83	35.1218	-14.6931	10.9	4.4	136	73.0	5.7	26	14	184	3.10	8.68	3.8	Azores Cape St. Vincent R
1019		08:52:19.37	0.67	0.85	35.1309	-3.1756	7.5	4.4	131	14.5	5.5	26	14	178	0.25	5.16	3.2	Strait of Gibraltar
1020		11:11:32.57	0.80	2.00	35.7016	-9.2864	10.0	4.9	96	74.1	24.3	27	19	200	1.48	6.62	3.3	West of Gibraltar
1021		17:43:27.92	1.34	1.68	36.1151	28.6433	17.2	13.2	19	112.4	14.5	25	21	170	19.56	75.63	5.4	Dodecanese Islands, Greece
1022		23:13:22.34	1.14	0.58	36.6386	-7.0699	8.1	3.2	19	29.3	13.4	28	15	198	2.77	2.77	2.2	Strait of Gibraltar
1023		23:18:30.72	0.82	1.66	31.9637	-7.5161	12.2	5.4	81	0.0		14	10	188	1.06	5.67	3.5	Morocco
1024	29 Jun	04:06:27.47	4.08	0.51	36.6409	27.9584	42.5	16.9	106	83.4	18.9	14	13	297	2.83	27.18	5.0	Dodecanese Islands, Greece
1025		04:50:04.91	0.70	0.71	35.5417	-4.6674	7.7	5.3	101	0.0		12	8	144	1.02	3.24	2.4	Strait of Gibraltar
1026		04:58:44.48	0.48	0.99	37.7473	-4.6255	5.4	2.9	51	3.5	5.9	24	13	114	0.42	2.68	2.4	Spain
1027		07:41:46.37	0.73	0.54	35.1803	-3.1778	8.8	4.5	126	11.7	6.5	19	13	167	0.22	3.19	2.5	Strait of Gibraltar
1028		07:47:37.45	0.47	1.19	36.9705	-5.2240	5.2	3.6	2	17.1	5.4	21	11	120	0.52	2.34	2.1	Strait of Gibraltar
1029		10:42:08.83	2.15	0.42	36.4999	-8.0833	14.8	10.3	165	17.7	8.5	8	4	292	0.75	1.14	1.9	West of Gibraltar
1030		17:04:03.00	1.83	0.48	36.0946	-10.5212	23.7	13.6	141	0.0		13	8	336	2.38	4.53	2.7	Azores Cape St. Vincent R
1031		19:49:13.92	0.54	0.66	38.2161	-1.4788	4.7	2.7	97	10.2	1.1	21	11	79	0.90	2.50	2.4	Spain
1032		20:10:54.00	0.71	0.66	39.0922	-0.0006	6.1	3.5	4	5.5	6.0	20	10	128	0.90	4.37	2.8	Spain
1033	30 Jun	01:38:01.02	0.53	0.83	39.1748	-0.0107	6.4	3.5	171	20.5	1.5	16	8	134	0.85	3.83	2.1	Spain
1034		02:32:23.89	0.96	1.39	36.3756	-2.9609	7.5	4.1	172	0.0		17	9	226	0.52	2.53	2.0	Strait of Gibraltar
1035		13:35:36.43	0.40	0.61	37.7392	-6.5999	3.7	2.7	12	0.0		22	11	99	0.06	1.66	2.0	Spain
1036		22:39:29.53	0.44	0.76	37.6830	-1.4199	3.9	2.9	158	2.3	4.5	25	13	115	0.21	3.19	2.2	Spain
1037	01 Jul	01:54:31.72	1.05	0.53	36.6073	-11.3028	12.6	5.2	90	56.0	7.8	28	16	244	2.05	6.60	3.2	Azores Cape St. Vincent R
1038		04:49:40.46	0.48	0.51	38.3790	-8.1036	4.1	3.1	93	5.1	7.3	18	9	126	0.16	1.28	1.8	Portugal
1039		05:28:03.88	2.50	0.26	36.5240	-7.6380	27.1	17.5	115	36.1	48.6	55	5	293	0.76	10.24	4.8	Strait of Gibraltar
1040		06:06:45.27	0.31	1.04	34.4149	-5.0694	3.2	2.9	115	0.0		39	21	137	0.92	4.87	3.2	Morocco
1041		11:46:05.79	0.37	1.19	34.4353	-5.0412	4.6	2.7	107	0.0		6	6	175	0.02	1.68	2.2	Morocco
1042		12:42:05.40	0.47	0.98	37.7637	-6.6442	3.9	3.0	14	0.3	6.6	19	11	88	0.05	1.65	2.1	Spain
1043		12:42:51.96	0.44	0.47	37.7599	-6.6039	5.7	3.3	46	4.0	5.5	33	17	163	0.96	3.44	2.8	Strait of Gibraltar
1044		19:13:27.65	0.83	1.18	36.3347	-7.5330	5.7	3.3	46	4.0	5.5	33	17	163	0.96	3.44	2.8	Strait of Gibraltar
1045		22:35:30.00	1.08	0.58	36.7639	-11.1162	15.1	5.0	97	20.6	13.8	30	16	243	1.87	7.11	3.3	Azores Cape St. Vincent R

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	SmaJ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
1046		23:56:49.83	0.60	0.41	36.3895	-3.4872	5.5	4.3	53	18.4	5.8	13	7	139	0.49	1.18	1.8	Strait of Gibraltar
1047	02 Jul	00:54:01.81	0.50	0.63	36.5872	-3.1185	4.3	3.8	53	8.0	5.9	16	8	111	0.36	1.96	1.9	Strait of Gibraltar
1048		15:30:11.05	0.91	0.42	36.6230	-9.8208	8.6	4.2	87	42.1	41.1	33	18	111	0.95	6.34	3.4	West of Gibraltar
1049		21:28:17.81	0.76	0.28	36.3787	-3.4707	9.4	5.5	65	20.2	11.8	7	4	139	0.50	1.07		Strait of Gibraltar
1050	03 Jul	01:24:07.26	1.26	0.51	36.5986	-7.5175	11.4	5.1	33	18.3	6.6	20	11	251	0.72	2.82	2.2	Strait of Gibraltar
1051		01:29:34.86	0.40	0.97	34.4109	-5.0882	4.6	3.4	111	0.0	16.7	28	16	119	0.89	4.07	3.2	Morocco
1052		03:43:53.15	1.82	0.52	36.7493	-6.9377	16.1	4.6	12	21.1	16.7	8	8	220	0.88	2.35	2.0	Strait of Gibraltar
1053	04 Jul	06:56:09.44	0.56	0.54	37.5078	-8.0257	5.3	3.7	82	5.1	4.6	17	9	115	0.13	1.48	1.8	Northern Algeria
1054		07:59:36.59	1.54	1.05	35.5254	6.7774	35.9	6.9	127	37.7	93.9	26	16	293	4.80	8.93	4.9	Strait of Gibraltar
1055		17:09:06.33	0.85	0.40	36.4552	-7.2600	7.9	4.0	17	40.3	45.4	27	14	212	0.95	2.74	2.4	Strait of Gibraltar
1056		18:43:56.44	0.54	0.66	37.2664	-4.5163	7.6	5.5	30	38.5	15.4	17	14	80	0.36	3.20	2.8	Spain
1057		23:28:27.57	0.41	1.10	34.4287	-5.0088	5.1	3.3	100	0.0	15.4	36	22	123	0.92	7.62	3.6	Morocco
1058	05 Jul	00:29:08.38	0.81	0.77	36.8855	-5.3556	9.6	3.3	15	12.0	9.0	19	11	143	0.40	1.98	2.1	Strait of Gibraltar
1059		07:31:28.72	0.66	0.60	36.9362	-5.3789	9.2	4.2	164	16.2	9.9	17	11	80	0.39	2.06	2.0	Strait of Gibraltar
1060		10:26:05.19	0.95	0.72	36.8086	-11.6300	13.6	5.2	91	34.1	28.1	32	18	248	2.27	6.91	3.6	Cape St. Vincent R
1061		11:17:27.85	1.16	0.99	36.6924	-7.2718	8.3	4.0	13	8.7	8.3	17	9	209	0.76	2.07	2.2	Strait of Gibraltar
1062		11:43:31.95	1.78	0.56	37.0049	-13.4745	27.9	21.2	56	17.7	24.6	9	7	336	3.84	5.40	2.2	Cape St. Vincent R
1063		17:23:32.93	0.74	0.74	37.8673	-8.8306	5.8	4.0	74	3.8	5.8	18	10	102	0.67	1.71	2.2	Portugal
1064		17:33:25.47	0.76	0.35	39.6154	-3.0209	8.1	4.7	167	13.3	6.2	10	6	170	0.22	3.77	2.6	Balearic Islands, Spain
1065		17:43:12.31	0.61	0.59	37.8581	-8.7714	4.9	3.3	79	0.0	6.2	15	10	156	0.62	1.66	2.3	Portugal
1066		18:50:28.47	11.33	2.50	-14.0935	166.5022	96.6	47.9	166	325.2	95.2	15	15	247	41.51	152.38	5.8	Vannatun Islands
1067		21:53:29.58	0.85	2.16	36.3968	-12.7434	17.6	5.2	147	0.0		16	11	178	3.23	6.75	3.8	Cape St. Vincent R
1068	06 Jul	05:26:26.19	1.67	0.37	36.5821	-9.6899	28.4	15.3	54	22.4	26.9	17	10	326	4.37	4.37	2.9	West of Gibraltar
1069		12:38:34.27	0.47	0.35	37.7155	-6.5914	4.7	3.4	26	5.3	5.4	16	8	101	0.08	1.17	2.3	Spain
1070		14:57:33.45	1.57	0.62	36.7019	-6.9284	11.2	6.0	9	70.9	16.6	16	9	225	0.88	2.22	2.3	Strait of Gibraltar
1071		17:54:41.45	1.22	0.68	35.4394	-3.8652	7.7	5.1	100	3.9	9.3	14	8	118	0.76	2.18	2.2	Strait of Gibraltar
1072		18:16:31.00	5.87	2.04	11.4694	140.2870	42.5	17.5	105	125.6	53.5	17	17	218	19.56	127.57	6.0	Strait of Gibraltar
1073	07 Jul	22:54:46.70	1.07	1.79	-5.5449	110.7238	26.4	10.3	11	544.8	12.1	21	21	205	11.30	154.46	6.2	W. Caroline Islands, Micr
1074		00:39:21.93	1.17	0.74	36.5944	-7.4117	8.5	4.8	23	16.4	5.7	18	12	205	0.77	3.05	2.4	Strait of Gibraltar
1075		01:55:13.66	0.37	0.58	37.5931	-7.9734	3.2	2.9	15	0.0		26	14	71	0.07	2.76	2.2	Portugal
1076		06:29:44.33	1.58	0.69	36.6595	-7.6291	13.3	5.4	173	13.6	10.8	8	5	238	0.84	1.58	1.9	Strait of Gibraltar
1077		13:02:33.82	1.05	0.46	36.6546	-3.8713	12.1	4.2	161	10.6	12.9	10	6	190	0.29	2.01	1.7	Strait of Gibraltar
1078		03:53:29.60	0.95	0.77	36.2753	-4.1325	7.1	4.2	12	0.9	7.3	11	7	189	0.59	2.52	1.7	Strait of Gibraltar
1079		05:18:53.02	4.18	0.66	51.8805	16.7798	54.2	20.4	52	0.0		12	12	298	7.10	27.40	5.3	Poland
1080		06:58:43.92	0.80	0.38	36.7479	-2.8833	13.3	5.4	179	28.0	7.9	11	6	180	0.15	2.19	1.6	Strait of Gibraltar
1081	09 Jul	05:56:49.96	1.12	0.66	35.4541	-4.6524	6.2	3.6	97	26.5	10.5	28	14	161	5.01	5.01	2.8	Strait of Gibraltar
1082		10:51:20.94	1.08	1.04	36.3857	-3.5439	7.9	3.7	172	0.5	6.5	15	9	219	0.49	2.86	2.0	Strait of Gibraltar
1083	11 Jul	12:46:01.44	2.01	1.07	36.5802	-9.6454	13.5	8.2	27	15.0	6.6	16	12	283	0.86	4.34	2.6	West of Gibraltar
1084		20:03:09.76	1.06	0.47	35.3325	-4.6311	5.1	3.2	106	21.9	8.3	33	17	151	1.23	4.91	3.0	Strait of Gibraltar
1085		23:08:23.12	1.11	0.64	36.6119	-7.3566	7.8	4.5	12	14.7	5.7	21	11	216	0.78	2.79	2.5	Strait of Gibraltar
1086	12 Jul	04:27:55.68	0.74	0.48	36.7348	-9.3114	4.9	4.1	16	9.0	5.9	18	12	137	0.36	2.13	2.2	Portugal
1087		04:36:39.28	1.43	0.35	36.7563	-7.7348	14.1	7.7	34	22.0	10.5	21	12	282	0.82	4.34	2.9	Strait of Gibraltar
1088		05:39:54.15	1.03	1.48	36.3185	-3.4688	8.3	3.6	169	0.0		16	9	226	0.56	2.34	2.1	Strait of Gibraltar
1089		06:21:32.80	0.41	0.77	37.5690	-7.9608	3.3	3.1	144	0.0		21	11	80	0.09	2.08	2.0	Portugal
1090		06:48:25.64	1.17	0.59	36.3993	-9.9734	16.1	6.2	66	27.3	18.2	28	15	247	1.18	5.13	3.2	West of Gibraltar
1091		19:02:15.86	0.98	0.84	36.4189	-4.6300	9.3	4.2	178	85.9	7.0	26	15	217	0.22	3.04	2.4	Strait of Gibraltar
1092	13 Jul	02:04:45.46	0.73	0.64	36.3368	-3.4959	4.7	3.6	3	3.5	5.7	14	10	126	0.54	2.02	1.9	Strait of Gibraltar
1093		02:25:57.38	1.64	0.65	36.3501	-7.7698	10.5	7.3	11	14.1	7.5	13	8	242	0.90	2.52	2.3	Strait of Gibraltar
1094		07:41:49.48	1.28	0.36	36.5745	-9.8233	30.0	6.3	46	27.5	33.9	23	13	278	0.97	3.82	2.9	Strait of Gibraltar
1095		02:22:58.34	1.81	0.78	36.8553	-2.8696	25.8	6.4	149	33.2	41.1	7	7	264	2.45	5.56	3.5	West of Gibraltar
1096		13:11:11.50	0.49	0.64	38.4340	-6.4977	5.2	3.1	14	0.0		17	10	150	0.50	1.64	1.9	Northern Algeria
1097		13:12:43.80	0.57	0.44	37.7234	-6.6192	5.4	3.7	172	0.0		14	8	171	0.06	1.67	2.1	Spain
1098		13:29:17.69	1.04	0.52	38.4488	-6.5159	6.9	3.3	0	11.5	4.1	10	7	163	0.49	1.64	1.6	Spain
1099		19:16:59.95	1.14	0.39	36.3891	-3.5228	8.2	4.2	168	0.7	8.3	13	7	219	0.48	1.96	1.8	Strait of Gibraltar
1100		21:34:37.06	1.02	1.57	34.3130	-5.8086	4.7	3.5	113	9.7	7.0	34	18	102	0.93	5.41	3.5	Morocco

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	S:maj	S:min	Az	Depth	ERR	N:df	M:sta	GAP	mdist	Mdist	Mag	Z:Geo.
1101	14 Jul	02:55:42.53	1.85	0.61	37.6376	4.4781	52.9	8.4	139	12.3	43.6	11	6	287	2.26	4.96	3.3	Western Mediterranean Sea
1102		07:26:31.79	1.88	0.53	36.6233	-7.4894	20.2	7.9	27	24.2	13.1	11	6	274	0.71	2.78	2.1	Strait of Gibraltar
1103		14:07:25.37	1.07	0.77	36.6369	-7.2116	8.5	4.2	21	21.7	6.0	22	11	232	0.60	2.89	2.3	Strait of Gibraltar
1104		23:33:58.06	0.57	1.69	-7.2959	120.5135	27.5	10.1	93	60.40	20.2	12	9	125	4.44	120.19	6.1	Flores Sea
1105	15 Jul	00:12:31.63	0.43	0.36	38.3911	-7.8420	4.2	3.0	52	5.4	4.5	20	11	105	0.19	2.19	2.1	Portugal
1106		00:28:10.22	1.07	0.60	38.2813	-13.8766	30.5	9.8	85	23.5	28.7	30	16	292	3.66	8.54	4.0	Azores Cape St. Vincent R
1107		12:58:05.86	0.68	0.70	37.7100	-6.6010	4.9	3.2	165	10.0	4.7	6	6	187	0.08	1.14	2.3	Spain
1108		12:58:48.10	0.57	0.32	37.7020	-6.5879	10.1	3.9	72	3.8	4.7	20	10	174	0.09	1.66	2.3	Spain
1109	16 Jul	18:03:48.54	0.82	0.51	37.8471	-8.1665	10.1	3.9	72	10.7	4.2	16	8	207	0.24	1.28	2.0	Portugal
1110		02:21:35.35	1.49	0.59	36.4815	-3.5430	13.3	4.4	172	23.7	3.2	12	7	210	0.39	1.18	1.8	Strait of Gibraltar
1111		05:07:39.78	0.52	1.54	36.7180	-4.6801	6.6	3.7	10	32.0	9.4	19	11	126	0.17	2.75	1.7	Strait of Gibraltar
1112		11:20:48.00	1.27	0.24	37.3668	-7.1770	9.9	4.5	171	0.4	7.2	12	6	228	0.30	1.56	2.0	Portugal
1113		12:36:58.94	0.60	0.33	37.7379	-6.5909	6.0	3.2	173	0.0	7.2	14	7	179	0.07	1.65	2.2	Spain
1114		17:01:56.36	0.41	0.89	36.5812	-7.2977	3.0	2.4	66	32.7	9.6	63	33	74	0.69	8.97	4.1	Strait of Gibraltar
1115		20:19:08.85	0.94	0.46	36.9192	-3.9230	8.3	7.5	175	68.6	9.5	13	7	140	0.24	1.66	1.6	Strait of Gibraltar
1116		20:53:47.38	2.01	3.97	28.1466	-17.1808	17.9	8.0	40	0.0	12.0	36	4	267	1.44	10.59	2.9	Canary Islands, Spain Reg
1117	17 Jul	21:26:15.50	0.61	0.81	36.5973	-7.2831	4.5	3.2	52	31.5	16.8	27	25	139	0.67	5.35	7.2	Strait of Gibraltar
1118		02:50:18.93	1.99	1.97	-7.3518	147.8223	42.4	10.3	3	54.0	16.8	27	25	139	22.38	146.93	7.2	Eastern New Guinea Reg.,
1119		03:08:47.10	1.68	0.74	34.9549	-4.1147	41.7	9.1	109	139.5	7.5	7	7	216	1.66	4.81	4.3	Morocco
1120		05:40:43.08	1.03	1.64	-20.8264	-69.7892	41.7	9.1	109	139.5	7.5	7	7	216	1.66	4.81	4.3	Northern Chile
1121		13:22:33.73	0.54	0.37	37.7444	-6.5951	4.2	3.4	169	0.0	13.2	17	26	152	0.91	1.55	5.9	Spain
1122	18 Jul	17:29:03.38	0.66	0.65	36.2956	-3.7516	6.1	4.3	30	22.6	13.2	13	7	167	0.58	0.94	1.9	Strait of Gibraltar
1123		02:39:27.93	0.94	0.45	36.4450	-9.9635	8.8	4.6	88	53.6	54.8	25	15	215	1.54	5.95	2.8	West of Gibraltar
1124		06:46:14.30	2.46	0.60	34.9883	-4.5608	41.4	5.2	92	6.4	19.3	7	4	176	2.02	2.02	2.0	Morocco
1125		15:26:44.79	1.44	0.68	42.9964	-6.0517	13.4	6.4	162	21.4	1.0	10	10	288	1.17	5.53	3.6	Spain
1126		15:32:51.06	6.62	0.46	-14.7895	-173.3882	51.0	21.0	179	90.6	54.8	38	34	126	60.97	159.52	6.1	Samoa Islands Region
1127		17:57:42.99	0.74	0.58	36.3999	-9.9587	9.2	3.7	94	37.6	19.4	39	20	214	1.17	7.05	3.6	West of Gibraltar
1128		19:54:11.25	0.48	0.41	36.9761	-3.7993	5.8	3.3	171	2.8	9.7	12	7	114	1.34	1.34	1.3	Strait of Gibraltar
1129		21:54:57.58	12.51	1.12	30.2409	-12.2950	5.8	3.3	171	10.0	9.7	12	6	326	8.91	10.75	5.3	Canary Islands, Spain Reg
1130		21:57:03.51	0.70	0.78	36.3162	-4.0513	5.0	2.9	21	4.1	4.3	29	15	177	0.54	3.45	2.5	Strait of Gibraltar
1131		23:56:15.42	0.92	0.40	36.9923	-2.0108	11.6	3.8	159	3.6	8.1	17	6	209	0.16	2.35	1.9	Strait of Gibraltar
1132	19 Jul	01:32:46.69	1.05	0.48	36.7220	-8.5495	8.9	5.1	33	24.3	2.6	11	11	234	0.47	2.84	2.2	West of Gibraltar
1133		04:04:35.86	3.47	0.83	36.7461	-9.6484	23.1	10.7	43	0.0	9.9	9	8	297	1.46	3.62	2.2	West of Gibraltar
1134		06:54:44.32	1.18	0.24	37.1432	-8.2884	12.9	6.3	158	13.0	11.5	8	5	198	0.30	1.40	1.3	Portugal
1135		12:57:36.24	0.99	0.79	35.6144	-3.7609	12.2	3.3	45	0.0	24.1	9	5	204	0.72	1.27	2.1	Strait of Gibraltar
1136		15:21:58.53	1.66	0.17	35.3904	-3.6325	22.5	5.4	36	31.1	24.1	7	5	223	0.56	1.49	2.2	Strait of Gibraltar
1137		16:58:49.42	1.39	0.35	37.1398	-7.7307	14.7	6.0	156	27.5	8.7	9	7	161	0.19	1.71	1.5	Portugal
1138	20 Jul	00:02:36.00	0.74	0.28	38.3536	-3.7373	6.0	4.4	176	0.0	6.2	18	6	181	0.69	1.74	1.6	Spain
1139		01:16:45.04	0.44	0.46	38.4718	-7.8766	3.7	3.5	68	14.4	6.2	18	9	105	0.12	1.23	1.7	Portugal
1140		05:26:22.61	1.24	0.43	36.6098	-7.3168	9.6	5.3	2	54.1	25.0	15	9	216	0.80	2.10	1.9	Strait of Gibraltar
1141		06:14:31.37	1.97	0.63	37.1455	-13.1214	30.4	14.1	0	0.0	4.3	16	7	210	0.54	2.81	2.4	Azores Cape St. Vincent R
1142		12:46:40.12	0.46	0.43	37.7258	-6.6010	4.4	3.4	5	0.0	11.4	16	10	86	0.07	1.66	1.8	Spain
1143		12:46:40.12	0.46	0.43	37.7258	-6.6010	4.4	3.4	5	0.0	11.4	16	10	86	0.07	1.66	1.8	Spain
1144		15:40:16.90	0.99	0.37	35.4707	-3.5809	9.1	6.1	40	22.4	4.3	16	7	210	0.54	2.81	2.4	Strait of Gibraltar
1145		20:12:07.23	0.47	0.51	37.7785	-6.8251	4.3	3.0	172	0.0	11.4	16	9	143	0.12	1.24	1.7	Spain
1146		22:48:47.12	1.59	0.42	36.8140	-2.6519	19.2	5.5	160	46.4	11.4	8	5	202	0.21	2.03	1.4	Strait of Gibraltar
1147	21 Jul	00:56:29.74	0.61	0.85	37.9889	-2.2359	5.8	3.7	144	22.0	3.0	16	11	65	0.55	2.99	2.2	Spain
1148		02:27:24.30	1.62	0.67	36.4958	-3.2618	16.1	6.4	163	31.6	7.2	9	6	213	0.47	1.22	1.9	Spain
1149		05:15:11.28	0.33	0.93	36.4025	-3.2908	3.6	2.5	72	0.0	12.5	28	19	99	0.51	4.51	3.1	Strait of Gibraltar
1150		05:43:33.19	1.67	0.65	36.5283	-3.2066	14.9	5.7	179	23.2	12.5	9	5	248	0.45	0.93	2.2	Strait of Gibraltar
1151		12:40:48.09	0.58	0.58	37.7292	-6.5994	5.6	3.4	175	0.0	36.8	14	8	171	0.07	1.66	2.0	Spain
1152		18:41:51.84	1.93	0.75	40.9543	-9.3008	48.8	7.6	102	20.0	36.8	11	6	274	2.16	4.59	3.5	Portugal
1153		20:16:31.49	1.02	0.68	36.5685	-11.1400	16.5	4.8	99	32.9	28.7	30	16	242	1.94	6.50	3.5	Azores Cape St. Vincent R
1154		20:37:18.23	1.53	0.68	35.7665	-4.8454	8.4	4.8	86	28.0	15.3	17	11	144	0.80	3.74	2.4	Strait of Gibraltar
1155		20:56:38.85	0.71	0.63	-19.7863	-178.9920	80.6	16.9	176	750.0	15.3	38	38	184	55.55	166.64	2.4	Fiji Islands Region

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaij	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
1156		22:52:19.62	1.90	0.36	36.3925	-3.5194	16.0	5.1	168	13.3	20.1	7	4	235	0.48	1.02	1.6	Strait of Gibraltar
1157	22 Jul	01:24:40.74	0.67	0.35	35.9028	-7.6727	9.3	4.0	81	40.8	65.5	19	12	174	1.64	4.98	2.4	Strait of Gibraltar
1158		03:47:14.28	0.75	0.26	36.0533	-2.8170	8.9	4.0	93	7.4	7.5	8	6	160	0.76	1.48	2.4	Strait of Gibraltar
1159		06:12:43.14	6.57	0.55	55.1158	-159.0383	31.5	13.2	138	17.2	40.7	51	51	151	46.18	125.60	7.2	Alaska Peninsula
1160		08:13:24.41	1.26	0.50	55.4049	-160.0923	66.8	14.5	138	0.0		47	47	222	46.12	125.11	6.4	Alaska Peninsula
1161		12:45:20.70	0.41	0.52	37.7324	-6.5962	3.9	2.9	5	0.0		19	10	100	0.07	1.65	2.0	Spain
1162		12:45:52.13	0.50	0.52	37.7378	-6.6082	4.8	3.2	171	0.0	4.8	17	10	100	0.06	1.66	1.8	Spain
1163		16:42:28.07	0.54	0.68	38.1730	-7.9807	5.6	3.1	108	0.0		14	9	142	0.36	1.24	1.5	Portugal
1164		19:52:19.71	0.47	0.46	37.7736	-6.8121	3.9	2.9	168	0.0		18	9	146	0.11	1.25	1.5	Spain
1165		20:07:18.52	6.70	0.65	33.0888	86.8637	19.4	8.9	48	8.2	41.6	48	48	140	25.26	84.56	6.2	Xizang
1166		21:03:30.52	1.77	0.48	36.6123	-4.7089	11.5	9.5	12	78.1	10.8	11	7	153	0.07	1.57	1.3	Strait of Gibraltar
1167		22:37:39.57	3.04	0.25	36.5526	-3.2778	80.8	10.1	172	44.7	63.9	5	3	254	0.42	0.96		Strait of Gibraltar
1168	23 Jul	10:41:19.77	2.97	0.29	35.9979	-4.1974	24.9	15.5	88	22.4	44.0	6	3	292	0.73	0.98		Strait of Gibraltar
1169		13:26:23.41	0.53	0.43	37.7350	-6.5813	4.3	3.5	179	0.0		16	9	97	0.08	1.38	2.1	Spain
1170		13:26:50.25	0.66	0.50	37.7389	-6.5633	5.4	3.5	159	0.0		15	8	176	0.09	1.39	2.0	Spain
1171		18:41:31.07	1.29	0.14	36.9846	-2.5005	41.3	6.3	172	21.8	16.2	6	4	166	0.24	1.00	1.3	Strait of Gibraltar
1172		22:22:36.44	1.50	0.67	36.6272	-10.9708	12.5	9.8	102	0.0		19	12	288	1.79	5.71	3.0	Azores Cape St. Vincent R
1173		23:26:59.69	2.01	0.45	39.7587	-0.4423	13.5	5.7	20	3.7	12.2	8	5	192	0.44	2.22	1.9	Spain
1174		23:35:35.61	0.88	0.62	36.4938	-2.6349	8.0	4.8	106	24.3	12.6	9	5	174	0.45	0.96	1.6	Strait of Gibraltar
1175	24 Jul	01:07:05.54	0.91	0.20	36.6855	-2.3972	8.7	7.6	39	21.5	12.5	8	4	186	0.32	1.00	1.6	Strait of Gibraltar
1176		05:02:26.71	0.57	0.51	36.3600	-7.9237	9.2	4.1	83	39.6	26.1	17	11	143	0.88	5.45	2.8	Strait of Gibraltar
1177		07:44:16.82	0.85	0.03	38.8257	-0.2781	13.8	8.9	154	39.8	82.2	6	3	179	0.93	1.28		Spain
1178		08:33:50.26	3.20	0.17	35.4080	-3.5406	52.0	11.7	25	22.2	64.3	5	3	256	0.49	1.46	2.2	Strait of Gibraltar
1179		09:54:53.42	1.34	0.52	34.7782	-11.6502	28.4	5.7	84	32.6	23.5	21	12	262	3.28	6.63	3.4	Madeira Islands, Portugal
1180		10:27:41.61	1.62	0.41	38.0930	-3.1699	13.2	4.8	50	3.8	6.1	11	6	255	0.91	1.77	1.4	Spain
1181		10:44:41.34	0.52	0.52	37.8872	-1.1965	5.0	4.0	113	10.7	0.9	15	8	93	0.34	3.34	2.3	Spain
1182		12:33:59.60	0.50	0.52	37.7268	-6.5910	4.2	3.2	176	0.0		19	11	100	0.08	1.65	1.9	Spain
1183	25 Jul	06:28:40.31	0.46	0.75	36.8809	-5.2711	6.4	3.6	11	24.3	3.5	26	15	140	0.47	2.73	2.2	Strait of Gibraltar
1184		09:45:51.05	0.46	0.40	37.8701	-6.5013	3.9	3.0	168	0.0		18	11	100	0.17	1.55	1.7	Spain
1185		12:13:01.76	0.53	0.92	35.4511	-3.7032	3.7	2.5	135	17.0	4.9	59	35	108	0.63	6.90	4.5	Strait of Gibraltar
1186		12:36:47.30	7.10	1.51	30.2334	-7.4312	4.4	3.7	51	20.0	4.8	8	8	321	6.31	8.02	5.0	Morocco
1187		12:38:10.40	0.63	0.73	35.4744	-3.6996	12.9	3.4	53	0.0		33	20	105	0.63	4.10	3.0	Strait of Gibraltar
1188		15:35:55.64	0.88	0.55	35.6803	-3.5786	10.8	8.5	155	13.5	14.8	18	12	203	0.69	3.65	2.5	Strait of Gibraltar
1189		17:28:28.31	1.18	1.01	35.4547	-3.7828	31.2	5.2	65	23.1	10.8	8	6	152	1.76	3.14	2.6	Strait of Gibraltar
1190		20:36:38.31	1.50	0.41	35.1683	-5.8703	31.2	5.2	146	0.0		6	3	274	2.21	2.98		Northern Algeria
1191		22:16:27.89	2.35	1.00	36.8607	1.9390	21.6	8.8	175	0.0		8	5	116	0.18	1.23	1.0	Spain
1192		23:25:56.89	2.37	0.51	35.4348	-3.6353	20.9	14.5	40	47.5	47.6	6	5	219	0.57	1.58	1.8	Strait of Gibraltar
1193	26 Jul	00:53:58.15	11.65	0.59	-61.8483	-26.2104	68.3	18.8	12	14.3	72.4	9	9	214	47.60	134.41	6.2	South Sandwich Islands Re
1194		05:53:50.91	0.61	0.66	35.4364	-3.6930	4.8	3.5	136	23.7	6.7	35	22	109	0.62	4.64	2.7	Strait of Gibraltar
1195		08:50:48.47	1.36	0.28	35.4408	-3.7210	12.1	10.5	99	25.2	18.7	12	6	220	0.64	2.20	2.1	Strait of Gibraltar
1196		14:56:46.43	1.45	0.54	36.4781	-7.9365	9.9	7.2	11	13.0	8.0	13	8	236	0.97	2.56	2.0	Strait of Gibraltar
1197		18:14:26.58	0.51	0.69	37.8443	-8.0889	5.8	3.0	97	0.0		14	8	144	0.21	1.24	1.6	Portugal
1198		20:25:27.47	2.41	0.07	37.2474	-3.6714	23.9	8.8	0	8.2	30.6	5	4	214	0.19	1.0	1.0	Spain
1199		21:11:46.34	0.70	0.32	35.5789	-4.6258	5.0	4.6	64	71.7	16.0	31	18	145	0.99	4.00	2.7	Strait of Gibraltar
1200		23:38:53.03	0.82	0.88	42.6473	0.6154	17.3	5.5	172	20.5	3.0	9	5	190	1.69	5.98	3.2	Pyrenees
1201	27 Jul	03:22:42.28	0.89	0.20	38.3107	-8.0356	7.6	4.3	88	0.0		9	6	188	0.22	1.07	1.4	Portugal
1202		07:21:12.80	0.86	0.79	42.9262	0.2507	9.0	4.5	174	22.3	1.7	16	9	201	2.00	6.49	3.5	Pyrenees
1203		12:38:10.22	0.40	0.60	37.7789	-6.6104	3.6	2.8	178	0.0		10	11	97	0.05	1.65	2.0	Spain
1204		12:38:38.28	0.57	0.49	37.7447	-6.5794	4.9	3.1	163	0.0		18	10	170	0.08	1.64	2.0	Spain
1205		13:06:50.72	1.09	0.19	38.4370	-6.5895	8.4	6.0	38	41.0	17.9	9	5	157	0.44	1.12	1.6	Spain
1206		13:31:31.81	0.80	0.70	35.4332	-3.7217	9.4	5.8	171	19.0	9.5	20	13	204	0.64	3.82	2.7	Strait of Gibraltar
1207		21:38:25.34	1.95	0.22	36.9015	-3.8788	13.6	8.4	133	60.4	14.8	9	7	145	0.20	2.39	1.2	Strait of Gibraltar
1208		01:49:55.38	1.75	0.11	37.1913	-3.2381	12.0	5.3	19	7.7	23.0	7	4	221	0.16	0.70	1.3	Spain
1209	28 Jul	08:03:42.56	6.76	0.29	54.6817	-161.5695	71.3	18.0	135	34.8	48.7	43	43	224	47.10	91.92	6.0	Alaska Peninsula

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	S:maj	S:min	Az	Depth	ERR	N:df	M:sta	GAP	mdist	M:dst	Mag	Z:Geo.
1211		11:10:36.28	1.10	0.64	36.6035	-11.2076	21.4	5.4	100	31.6	34.8	26	16	243	1.98	6.55	3.4	Azores Cape St. Vincent R
1212		14:36:38.26	1.58	0.21	36.0263	-4.6610	6.8	5.9	102	25.9	13.5	14	9	144	1.18	3.31	2.0	Strait of Gibraltar
1213		20:03:16.29	2.38	0.52	36.3820	-9.0097	14.8	14.3	27	0.0	7.0	7	4	324	1.68	2.4	2.4	West of Gibraltar
1214	29 Jul	01:18:58.98	0.74	0.57	35.4676	-3.6971	6.0	4.4	118	23.0	7.0	22	13	106	0.63	3.68	2.3	Strait of Gibraltar
1215		01:44:17.30	1.50	0.47	35.3982	-3.6600	11.9	10.9	31	28.3	16.3	9	7	223	0.58	1.62	1.9	Strait of Gibraltar
1216		06:18:15.17	2.32	0.27	36.6596	-4.6583	14.5	9.7	16	66.7	14.3	8	6	148	1.12	1.54	1.2	Strait of Gibraltar
1217		06:35:53.88	0.56	0.69	37.5874	-7.9744	4.3	3.5	65	0.0	14.3	15	8	137	0.07	1.39	1.5	Portugal
1218		08:38:46.24	0.73	0.33	36.3844	-3.5025	6.5	4.0	58	0.0	34.0	9	5	157	0.49	0.84	1.8	Strait of Gibraltar
1219	01 Ago	17:09:03.41	2.55	1.12	7.0739	124.1135	30.3	22.9	175	497.1	34.0	17	17	173	8.17	112.73	6.2	Mindanao, Philippines
1220		17:56:55.27	1.29	0.65	37.2080	-13.1618	14.5	9.7	174	0.0	34.0	25	13	326	3.46	6.75	3.6	Azores Cape St. Vincent R
1221		19:22:06.12	2.03	0.43	-3.1282	148.4532	87.8	30.8	166	0.0	15.8	5	5	282	22.47	123.68	3.6	Bismarck Sea
1222		22:45:37.47	2.03	0.85	35.3774	-3.8069	24.3	9.8	158	14.7	15.8	9	5	278	0.84	1.75	1.9	Strait of Gibraltar
1223	02 Ago	00:57:28.94	1.03	0.66	35.4069	-3.8157	9.8	7.1	162	16.0	12.6	11	7	182	0.73	1.59	2.0	Strait of Gibraltar
1224		14:23:43.89	0.83	1.00	35.4388	-3.7981	5.7	4.5	126	12.7	8.6	28	17	109	0.70	4.19	2.6	Strait of Gibraltar
1225		16:30:05.35	0.44	0.86	36.7542	-3.0494	3.9	2.9	167	2.5	4.4	23	12	107	0.19	2.30	2.1	Strait of Gibraltar
1226		18:13:54.83	1.26	1.81	36.8969	-2.1729	11.6	5.2	151	0.0	4.4	14	7	243	2.23	4.06	3.4	Northern Algeria
1227		18:28:06.98	0.56	0.53	37.5814	-7.9766	4.3	3.4	63	0.0	34.0	18	9	142	0.07	2.08	1.7	Portugal
1228		23:39:34.27	1.39	0.83	37.0190	-13.2464	10.7	10.0	114	0.0	34.0	22	12	290	3.54	6.31	3.7	Azores Cape St. Vincent R
1229	03 Ago	03:19:25.10	1.72	0.86	36.8722	-8.5093	13.5	5.2	179	0.0	34.0	10	5	264	0.36	1.75	2.0	West of Gibraltar
1230		03:56:11.71	0.36	0.69	37.7635	-6.8395	3.3	2.6	12	0.0	34.0	22	11	98	0.13	1.83	1.9	Spain
1231		12:52:25.09	0.46	0.38	37.7468	-6.5922	4.5	3.5	19	7.3	4.5	16	8	99	0.07	1.18	2.3	Spain
1232		20:40:14.46	0.60	0.53	36.3897	-3.4854	7.4	4.4	73	20.5	9.7	13	7	139	0.49	1.05	1.9	Strait of Gibraltar
1233		21:25:18.57	0.66	0.67	36.3695	-3.4844	3.6	3.0	34	10.1	6.6	22	13	95	0.51	2.30	2.3	Strait of Gibraltar
1234		22:16:39.10	0.94	1.10	35.6794	-0.9675	8.4	3.6	131	14.2	9.5	41	21	210	1.63	5.83	3.4	Northern Algeria
1235	04 Ago	00:49:35.63	0.39	0.82	37.0714	-3.6101	3.9	2.7	174	8.6	3.3	24	13	80	0.19	2.54	2.4	Spain
1236		01:29:40.38	1.66	1.05	36.0616	-9.4018	18.1	12.9	130	61.0	33.9	16	9	326	1.16	3.77	2.7	West of Gibraltar
1237		02:39:22.42	0.69	1.15	35.4660	-3.7518	3.5	2.5	147	8.3	5.5	58	30	106	0.67	5.39	3.2	Strait of Gibraltar
1238		06:25:03.62	0.65	0.99	36.3805	-3.5119	10.3	4.4	69	17.8	15.5	10	5	140	0.50	2.0	2.0	Strait of Gibraltar
1239		06:41:25.75	0.66	0.87	36.5659	-2.5362	4.1	3.4	127	8.2	4.4	23	13	145	0.44	2.75	2.6	Strait of Gibraltar
1240		13:04:37.07	0.54	0.38	37.7834	-6.5957	5.2	3.0	166	0.0	34.0	16	8	171	0.07	1.65	2.2	Spain
1241		15:27:03.81	0.95	1.22	36.6929	-7.7079	7.3	3.5	30	27.2	7.8	26	16	184	0.58	3.28	2.5	Strait of Gibraltar
1242		18:03:37.00	0.63	0.99	36.5332	-8.5013	4.9	2.7	76	22.9	6.0	60	31	167	0.65	6.68	4.4	West of Gibraltar
1243		19:18:34.89	9.10	1.96	12.4533	-94.3332	120.1	28.6	70	538.2	139.8	14	14	227	40.78	80.73	5.3	Off Coast of Chiapas, Mex
1244	05 Ago	07:07:12.03	0.70	0.61	36.5254	-8.4891	5.5	2.8	81	23.3	6.4	43	24	166	0.66	5.68	3.3	West of Gibraltar
1245		12:05:38.63	2.08	3.50	-15.8151	167.6882	70.4	12.3	0	177.8	17.9	26	23	256	42.71	104.26	6.4	Vanuatu Islands
1246		13:23:24.62	0.67	0.69	37.7187	-6.5929	7.3	3.5	4	10.0	13.4	6	6	187	0.08	1.15	2.2	Spain
1247		13:23:50.08	0.49	0.47	37.7391	-6.6116	3.9	3.4	4	3.2	13.4	17	9	87	0.06	1.16	2.2	Spain
1248		15:23:53.57	1.26	0.48	35.4960	-9.7862	12.4	4.4	84	28.0	13.3	25	16	212	1.81	5.03	3.2	West of Gibraltar
1249		15:45:32.62	1.23	1.08	36.5589	-2.6981	9.0	4.3	165	11.5	6.2	17	9	227	0.37	2.64	2.2	Strait of Gibraltar
1250	06 Ago	12:50:40.15	0.40	0.62	37.7411	-6.6010	3.5	2.7	10	0.0	6.2	23	12	99	0.06	1.87	2.1	Spain
1251		15:09:23.81	1.62	1.06	36.9724	5.6910	14.6	8.7	111	0.0	34.0	13	8	292	3.13	6.87	4.0	Northern Algeria
1252		18:11:38.09	0.64	2.25	37.9070	-0.9141	6.2	4.1	114	0.0	34.0	7	4	135	0.33	2.10	2.1	Spain
1253		19:20:28.62	1.62	0.70	36.8083	-11.0068	12.4	11.2	26	0.0	34.0	17	10	312	1.78	4.62	3.1	Azores Cape St. Vincent R
1254		23:36:49.07	11.24	1.22	-41.3934	42.4272	37.4	13.4	25	21.0	69.0	16	16	226	19.78	88.76	5.6	Prince Edward Islands Reg
1255	07 Ago	02:04:46.93	0.66	1.08	38.9628	-0.4435	4.2	2.8	159	3.2	4.3	42	23	111	0.75	5.65	3.3	Spain
1256		02:07:01.64	0.60	0.59	38.9652	-0.4840	5.3	3.9	166	20.8	2.5	12	8	109	0.73	3.41	2.3	Spain
1257		06:15:35.08	1.10	1.38	36.5869	6.7122	20.7	6.1	125	11.5	20.3	30	19	228	3.82	12.91	5.4	Northern Algeria
1258		08:52:30.72	1.56	0.69	35.7243	-4.5696	13.7	9.5	10	87.5	16.5	11	7	259	0.85	3.15	2.8	Strait of Gibraltar
1259		12:49:48.67	0.58	0.36	37.7075	-6.5853	7.3	3.5	167	0.0	34.0	14	8	101	0.09	1.17	2.1	Spain
1260		19:34:54.41	0.72	1.17	39.1925	-0.5526	7.3	3.0	164	1.6	5.3	25	17	115	0.51	5.18	3.1	Spain
1261	08 Ago	02:22:29.13	0.92	0.64	35.7781	-4.7557	6.5	4.7	48	72.8	17.3	16	11	112	0.78	3.22	2.2	Strait of Gibraltar
1262		03:21:55.52	1.45	0.53	36.5348	-9.7136	30.6	8.5	43	26.9	33.9	19	11	285	0.93	3.75	2.5	West of Gibraltar
1263		04:44:35.57	0.51	0.74	36.3715	-3.5028	4.4	3.5	31	19.0	4.3	21	11	114	0.51	2.29	2.1	Strait of Gibraltar
1264		07:48:12.16	0.67	1.12	39.1935	-0.5744	5.0	2.8	159	6.7	4.7	34	18	113	0.50	5.16	3.3	Spain
1265		08:29:29.55	0.42	1.66	36.7341	-3.1513	3.9	2.5	174	6.1	3.3	32	18	100	0.27	3.67	3.0	Strait of Gibraltar

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	S:maj	S:min	Az	Depth	ERR	N:df	M:sta	GAP	mdist	M:dist	Mag	Z:Geo.
1266		09:11:34.01	0.44	0.84	35.4611	-3.8517	4.2	3.1	19	0.0		24	13	106	0.75	3.58	2.2	Strait of Gibraltar
1267		16:02:02.14	0.80	1.19	35.4734	-3.7513	5.6	3.9	120	14.4	7.7	24	14	106	0.67	3.73	2.3	Strait of Gibraltar
1268		18:03:39.91	0.67	0.41	37.8408	-8.1678	6.0	5.0	7	5.5	6.8	13	9	105	1.42	1.8	1.8	Portugal
1269		23:00:30.55	0.86	1.21	36.5265	2.1906	12.1	3.5	141	14.6	10.5	49	26	220	2.58	8.78	4.4	Northern Algeria
1270	09 Ago	15:05:02.13	0.45	1.21	36.3807	-3.4779	4.2	3.2	15	0.0		25	15	139	0.50	5.27	2.9	Strait of Gibraltar
1271		15:08:48.09	0.46	0.63	36.3755	-3.4986	3.9	2.9	42	0.0		18	18	123	0.50	1.98	1.8	Strait of Gibraltar
1272		23:12:51.42	1.05	0.57	36.6239	-7.2708	10.3	4.9	21	20.4	9.3	19	12	192	0.81	2.25	2.1	Strait of Gibraltar
1273		23:33:03.25	1.28	1.34	36.6902	-7.4828	15.4	5.7	38	22.9	10.5	16	8	245	0.66	2.17	2.0	Strait of Gibraltar
1274		23:42:31.26	2.76	0.97	-53.5286	12.3083	100.2	20.9	140	0.0		16	16	228	55.24	91.40	5.7	Southwest of Africa
1275	10 Ago	03:59:57.23	0.71	0.70	35.4008	-9.7580	8.7	3.5	78	32.5	17.2	42	22	211	1.89	7.11	3.3	West of Gibraltar
1276		11:25:12.98	0.84	0.78	39.3490	-2.9721	4.4	3.1	21	1.8	6.5	36	19	92	0.98	4.43	2.9	Spain
1277		12:02:18.43	0.82	0.51	39.3514	-2.9831	4.6	3.5	15	8.8	6.5	31	16	92	0.98	4.32	2.8	Spain
1278		12:56:54.45	0.44	0.43	37.7535	-6.6112	4.0	2.9	8	1.2	6.0	20	10	99	0.05	1.66	2.1	Spain
1279		14:13:25.32	1.92	0.54	16.9993	-86.1872	61.2	15.4	95	0.0		26	26	215	40.52	73.74	5.9	North of Honduras
1280		15:21:21.19	1.90	0.34	36.9313	-6.9979	21.0	5.0	29	17.2	9.1	10	6	233	0.72	1.82	1.7	Strait of Gibraltar
1281	11 Ago	07:17:37.53	0.60	0.43	37.5750	-7.9876	4.8	3.6	61	0.0		14	7	152	0.07	1.41	1.5	Portugal
1282		11:30:40.57	1.00	0.82	35.6512	-4.7063	4.5	3.4	110	25.5	9.1	36	20	133	0.91	5.17	2.8	Strait of Gibraltar
1283		18:29:20.67	0.78	0.64	39.1470	-0.5688	5.2	3.7	159	6.0	5.4	18	10	110	0.54	3.95	2.8	Spain
1284		19:57:34.50	0.36	0.66	37.7893	-6.8290	3.3	2.5	7	0.0		23	12	98	0.13	1.82	1.8	Spain
1285		23:08:13.96	1.30	0.55	36.6673	-7.6356	14.4	5.1	24	31.4	20.6	23	11	249	0.62	2.86	2.3	Strait of Gibraltar
1286	12 Ago	00:16:50.28	1.02	0.83	35.7407	-6.4729	6.5	3.3	27	23.0	8.5	35	19	169	0.90	4.88	2.7	Strait of Gibraltar
1287		04:04:25.18	0.35	0.57	37.7975	-6.8537	3.3	2.5	4	0.0		23	13	98	0.15	2.07	1.8	Spain
1288		13:18:31.51	0.44	0.38	37.7379	-6.6033	3.7	3.1	25	0.0	8.9	22	11	100	0.06	1.66	2.1	Spain
1289		17:13:16.05	3.14	1.23	-7.0295	40.1118	17.9	7.2	40	14.7	20.2	35	34	155	5.08	93.25	6.4	Northwest of Madagascar
1290		21:46:29.67	0.44	0.75	36.7457	-3.4401	4.3	2.9	16	5.4	6.4	18	10	103	0.19	1.68	1.9	Strait of Gibraltar
1291	13 Ago	00:14:23.47	0.88	0.61	35.4825	-3.7845	6.9	4.3	109	16.9	9.0	23	12	105	0.70	2.75	2.3	Strait of Gibraltar
1292		01:01:25.14	0.50	0.82	36.5340	-5.8212	6.1	2.7	6	29.8	4.4	33	20	141	0.25	2.72	2.3	Strait of Gibraltar
1293		08:04:52.15	0.95	1.33	36.5185	2.6020	8.8	4.0	145	58.9	58.3	32	17	243	2.70	6.58	4.2	Northern Algeria
1294		12:35:41.32	0.42	0.41	37.7445	-6.6180	3.9	3.0	3	5.8	3.3	32	16	99	0.05	1.67	2.0	Spain
1295	14 Ago	00:22:22.69	0.73	0.45	36.4581	-3.1424	6.9	4.4	70	21.9	13.0	10	5	146	0.48	0.91	1.6	Strait of Gibraltar
1296		05:58:04.98	1.58	0.91	37.5836	-15.5911	12.7	11.7	24	0.0		17	9	300	5.15	8.09	3.8	Cape St. Vincent R
1297		08:44:36.02	0.72	1.02	34.6980	-4.4248	3.5	2.5	143	29.5	7.7	66	34	143	1.31	7.46	4.2	Morocco
1298		13:47:41.49	0.61	0.49	37.3154	-8.6149	9.7	4.5	156	13.8	7.0	15	8	158	0.25	2.65	2.3	Portugal
1299		20:52:33.35	2.06	0.42	37.8289	-3.0851	12.8	5.6	43	1.9	21.5	8	6	129	0.68	1.46	1.4	Spain
1300	15 Ago	01:25:41.30	1.61	0.36	36.4579	-9.8867	40.7	14.1	57	29.7	49.4	14	8	313	1.09	3.91	2.3	West of Gibraltar
1301		01:44:07.50	0.75	0.37	36.3772	-3.5226	6.5	4.0	57	0.0		9	5	160	0.50	0.83	1.5	Strait of Gibraltar
1302		08:19:00.76	1.20	1.02	35.9010	-0.3839	17.5	5.2	145	9.6	13.9	25	15	248	1.75	5.79	3.3	Northern Algeria
1303		22:37:41.70	1.64	0.51	36.5963	-3.1806	12.6	4.7	5	0.0		8	4	243	0.38	0.87	1.6	Strait of Gibraltar
1304		22:50:24.73	1.95	0.23	36.5802	-3.1385	14.2	4.5	179	0.0		8	5	242	0.37	0.94	1.5	Strait of Gibraltar
1305		23:01:16.81	1.44	0.66	37.5214	-15.8713	25.3	11.0	170	0.0		19	10	340	5.38	8.02	3.9	Cape St. Vincent R
1306	16 Ago	02:20:06.31	1.73	0.21	36.6091	-3.1852	16.1	5.4	0	25.1	20.3	7	5	239	0.37	0.89	1.5	Strait of Gibraltar
1307		03:51:34.35	0.54	0.40	37.7922	-6.8426	5.0	3.4	23	0.0		14	9	137	0.14	1.22	1.4	Spain
1308		06:40:09.75	0.62	0.50	36.6931	-2.8283	5.4	4.8	11	15.1	6.0	13	7	131	0.21	1.29	2.4	Strait of Gibraltar
1309		12:14:42.38	2.20	0.52	39.2120	-3.2586	13.4	7.0	163	0.8		7	5	135	1.09	1.98	2.1	Spain
1310	17 Ago	07:27:02.07	0.82	0.80	36.8868	23.8061	18.1	8.5	102	91.9	21.2	40	39	172	1.82	46.98	5.2	Southern Greece
1311		08:38:29.02	2.27	0.21	35.5564	-9.4919	115.2	28.9	34	11.9	101.6	8	4	339	1.66	2.55	2.3	West of Gibraltar
1312		13:16:14.44	0.48	0.54	37.7241	-6.6217	4.3	3.2	178	0.0		17	10	101	0.06	1.68	2.0	Spain
1313		13:18:10.49	0.46	0.52	37.7472	-6.5989	4.2	2.9	176	0.0		20	11	99	0.06	1.65	1.9	Spain
1314		22:37:01.14	0.64	0.60	37.9450	-4.3732	7.6	2.9	46	0.0		14	9	170	0.27	2.23	1.5	Spain
1315	18 Ago	00:03:50.88	6.40	1.69	11.7296	124.0032	24.7	16.7	75	6.8	39.2	18	18	130	12.75	164.84	6.3	Leyte, Philippines
1316		02:26:31.20	0.42	0.43	38.2672	-7.4547	4.0	3.0	99	1.2	8.7	17	9	84	0.34	1.62	1.6	Portugal
1317		02:42:41.03	1.40	0.65	39.5402	-0.0586	21.2	5.7	6	29.3	16.5	6	3	202	0.79	1.54	3.4	Cape St. Vincent R
1318		05:34:08.40	0.68	0.62	36.5338	-11.3183	8.5	4.9	99	55.5	6.6	29	17	157	2.09	6.54	1.5	Strait of Gibraltar
1319		05:38:53.09	0.92	0.52	36.6660	-2.9765	5.6	4.5	6	10.0	7.3	10	6	120	0.24	1.01	1.5	Strait of Gibraltar
1320		06:39:34.94	0.61	0.35	36.5567	-3.1370	5.2	4.0	78	0.0		9	5	136	0.39	0.85	1.6	Strait of Gibraltar

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mlist	Mdist	Mag	Z.Geo.
1321		10:39:29.78	1.82	0.67	37.0880	-10.8205	66.7	14.6	63	5.9	56.1	12	10	304	1.59	5.07	2.7	Azores Cape St. Vincent R
1322		13:01:19.51	0.70	0.41	37.7251	-6.5558	5.6	3.8	164	1.6	9.7	15	8	178	0.10	1.40	1.9	Spain
1323		16:17:29.02	0.85	0.54	38.1560	-8.1864	7.9	3.4	112	7.0	7.6	11	8	172	0.40	1.26	1.6	Portugal
1324		22:23:58.11	5.13	0.68	-4.3607	101.3882	20.1	11.4	21	5.7	31.2	21	21	141	4.67	104.08	6.6	Southern Sumatra, Indones
1325		22:29:25.63	7.17	0.97	-4.2939	101.3316	27.1	13.9	13	23.5	49.6	7	7	160	4.60	91.33	7.0	Southern Sumatra, Indones
1326	19 Ago	00:56:26.35	0.95	0.68	35.4226	-3.6838	9.3	6.9	148	18.2	10.9	16	9	188	0.61	1.79	2.1	Straight of Gibraltar
1327		03:10:09.76	1.59	0.88	36.2706	-6.7544	13.9	6.8	3	0.0	6.3	31	8	274	1.35	2.57	2.0	Straight of Gibraltar
1328		14:07:54.99	0.67	0.68	36.5731	-4.5326	6.5	3.1	10	67.2	6.3	31	17	150	0.19	3.39	2.0	Straight of Gibraltar
1329		20:56:21.70	0.81	0.65	39.5978	-1.0531	6.5	5.6	6	8.6	5.3	10	6	162	0.07	3.10	2.2	Spain
1330		21:47:58.33	1.34	0.65	36.9066	-1.8656	14.2	3.3	153	0.0	6.3	12	7	223	0.28	1.75	1.9	Western Mediterranean Sea
1331		22:51:45.05	1.24	0.57	40.4123	-1.0131	10.2	6.2	21	24.9	5.9	11	7	195	0.82	5.31	2.9	Spain
1332		23:48:20.16	1.99	0.74	35.2160	-4.6811	10.5	5.0	102	24.5	17.2	10	6	131	0.89	1.86	1.6	Straight of Gibraltar
1333	20 Ago	00:10:34.34	1.13	0.52	36.6533	-5.6801	13.4	5.3	23	5.2	6.6	12	8	205	0.26	1.86	1.8	Straight of Gibraltar
1334		01:20:55.92	1.47	0.41	38.7508	-9.0149	21.7	4.1	24	0.0	6.3	10	6	208	0.29	1.57	1.5	Portugal
1335		01:29:31.80	1.56	0.56	37.0557	-14.9505	25.4	19.8	63	35.7	60.3	13	9	338	4.86	6.50	3.8	Azores Cape St. Vincent R
1336		11:36:08.15	0.78	0.50	37.5829	-6.0821	7.7	3.4	164	0.0	8.0	13	8	194	0.50	1.55	1.8	Spain
1337		12:43:51.11	0.46	0.38	37.7402	-6.6071	4.2	3.0	174	0.0	8.0	10	11	99	0.06	1.66	2.0	Spain
1338		19:51:13.61	0.98	0.43	38.6956	-7.8687	8.6	3.7	135	7.1	8.0	10	6	196	0.20	1.45	1.3	Portugal
1339		20:37:35.08	0.47	0.68	37.4949	-4.2463	4.8	2.9	51	0.0	8.0	15	8	135	0.40	1.24	1.8	Spain
1340		22:58:57.06	0.60	0.49	38.3809	-7.9883	5.8	3.7	107	12.5	8.0	13	8	143	0.15	1.41	1.5	Portugal
1341	21 Ago	00:12:48.05	1.77	0.25	35.4162	-3.7895	17.0	8.7	138	21.1	25.0	10	7	191	0.69	1.65	2.1	Straight of Gibraltar
1342		04:09:52.65	0.40	0.87	-6.7581	123.5230	18.3	9.3	89	637.8	4.6	51	48	127	3.07	150.50	6.8	Banda Sea
1343		04:26:13.43	0.35	1.49	36.4450	-4.1341	5.3	4.1	25	0.0	6.6	13	13	125	0.59	3.82	3.5	Straight of Gibraltar
1344		06:11:22.97	0.59	0.55	37.1738	-3.7211	11.0	5.5	28	18.0	6.6	8	12	116	0.23	1.20	1.2	Spain
1345		06:44:56.78	1.12	0.81	36.5972	-7.6120	6.8	4.4	33	0.0	6.6	19	12	220	0.69	2.88	2.3	Straight of Gibraltar
1346		09:22:35.31	0.66	0.58	37.1640	-3.6522	6.8	4.4	1	0.0	9.3	7	4	112	0.17	1.24	1.1	Spain
1347		17:09:35.70	1.10	0.46	36.7309	-7.2858	11.6	4.6	3	29.9	9.3	20	12	226	0.73	2.59	2.1	Straight of Gibraltar
1348		18:41:42.41	0.74	0.96	35.4676	-3.7365	5.5	4.1	129	22.2	7.1	24	12	106	0.66	2.26	2.5	Straight of Gibraltar
1349		20:29:36.14	2.07	0.42	35.4067	-3.8269	13.9	10.6	58	15.1	13.0	10	5	268	0.72	1.67	2.1	Straight of Gibraltar
1350		20:30:39.47	1.35	0.41	35.4612	-3.7280	11.2	9.7	170	21.0	14.9	10	6	218	0.65	1.59	2.1	Straight of Gibraltar
1351		21:08:36.28	2.51	0.04	35.4326	-3.6922	17.8	14.9	103	23.4	24.5	5	4	271	0.62	1.43	1.7	Straight of Gibraltar
1352		21:14:24.32	2.19	0.69	35.5135	-2.2133	14.9	6.6	112	0.0	4.3	11	6	132	0.11	0.97	2.1	Straight of Gibraltar
1353		23:58:43.39	0.55	0.45	36.9124	-3.0300	7.1	3.3	16	10.0	10.5	8	4	198	0.07	1.11	1.4	Straight of Gibraltar
1354	22 Ago	01:07:18.44	1.95	0.33	36.9313	-3.5935	88.3	5.6	169	53.1	15.4	8	5	196	0.29	0.74	1.3	Straight of Gibraltar
1355		01:55:49.03	1.66	0.22	36.6737	-4.0878	17.8	8.1	160	51.3	15.4	8	5	196	0.29	0.74	1.3	Straight of Gibraltar
1356		20:21:09.20	0.75	0.30	36.1940	-3.1907	12.4	3.9	71	0.0	6.8	14	7	128	0.21	1.25	1.5	Straight of Gibraltar
1357	23 Ago	00:57:04.87	0.63	0.91	36.7074	-2.5457	5.2	4.0	152	0.0	10.6	12	7	161	0.34	1.32	1.7	Straight of Gibraltar
1358		04:49:13.36	0.58	0.77	36.6832	-2.8758	5.1	4.3	30	18.6	6.8	14	7	128	0.21	1.25	1.5	Straight of Gibraltar
1359		07:53:42.91	1.31	0.41	36.4417	-7.7664	11.4	6.3	31	23.9	10.6	18	11	235	0.81	3.07	2.2	Straight of Gibraltar
1360		11:06:01.43	2.70	0.03	36.6498	-3.0503	17.5	6.9	157	0.0	22.3	5	3	267	0.28	0.64	1.3	Straight of Gibraltar
1361		11:38:47.33	0.98	0.61	36.8367	-3.0500	10.9	3.6	1	6.2	22.3	11	6	188	0.14	1.10	1.5	Portugal
1362		16:26:39.04	0.78	0.39	38.0560	-8.1004	8.1	3.2	100	0.0	10.6	12	7	194	0.43	1.10	1.5	Portugal
1363		20:55:57.84	2.14	0.95	35.8254	-0.3832	18.2	12.4	145	0.0	106.4	8	5	308	1.83	2.96	2.2	Northern Algeria
1364	24 Ago	22:54:59.43	2.75	0.12	38.4090	-4.7451	42.3	7.4	87	60.1	10.6	7	4	202	0.67	1.19	1.5	Spain
1365		01:37:41.31	2.45	0.33	35.6713	-4.6533	16.8	6.8	145	0.0	3.3	36	3	281	0.63	1.10	1.7	Straight of Gibraltar
1366		01:41:35.74	0.38	0.99	36.3555	-3.4970	2.9	2.5	34	3.0	9.1	26	18	78	0.52	3.68	2.4	Straight of Gibraltar
1367		11:11:35.42	0.65	0.59	34.9757	-3.8380	9.3	3.5	137	0.0	9.1	11	7	225	0.08	4.58	2.8	Morocco
1368		12:18:11.69	1.35	0.59	36.4959	-4.7157	10.3	4.6	0	0.0	4.8	11	7	225	0.08	1.67	1.7	Straight of Gibraltar
1369		12:20:28.31	0.62	0.51	38.7542	-7.9864	5.2	4.2	174	12.6	4.8	15	9	148	0.23	1.51	1.7	Portugal
1370		12:48:15.04	0.47	0.58	37.7311	-6.6094	4.1	2.9	177	0.0	10.6	20	11	100	0.06	1.66	2.0	Spain
1371		12:49:20.76	0.47	0.53	37.7341	-6.6185	4.3	3.0	175	0.0	10.6	19	10	100	0.05	1.67	1.8	Spain
1372		14:25:59.03	2.55	0.10	39.2178	-9.4039	26.0	13.0	88	8.1	6.7	7	4	303	0.28	1.91	1.7	Portugal
1373		16:02:49.74	0.83	0.56	38.9008	-8.0070	7.4	4.2	4	4.8	6.7	12	7	182	0.33	1.43	1.5	Portugal
1374		17:35:52.95	1.48	0.50	36.5591	-3.1311	11.5	4.7	1	0.0	56.4	9	5	244	0.39	0.96	1.5	Straight of Gibraltar
1375		21:51:17.71	6.45	0.59	9.6297	-85.4875	63.0	19.0	93	124.4	56.4	48	48	240	33.67	90.08	5.7	Off Coast of Costa Rica



SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	SmaJ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
1376		22:53:23.08	0.60	0.44	36.8375	-3.8708	9.2	3.1	162	9.1	8.3	13	7	164	0.20	1.44	1.3	Strait of Gibraltar
1377		23:43:39.77	0.96	0.69	35.5510	-3.6599	10.4	4.1	33	0.0		7	5	205	0.62	1.35	2.1	Strait of Gibraltar
1378		23:53:56.06	0.56	0.37	37.4883	-3.9033	4.7	3.2	43	0.0		15	8	163	0.41	1.34	1.3	Spain
1379	25 Ago	01:30:24.82	2.40	0.67	41.7463	-8.4557	23.9	8.1	120	0.0		7	4	278	1.30	5.27	3.0	Portugal
1380		02:35:21.45	1.13	0.90	35.5677	-3.7608	8.7	4.2	38	4.7	7.0	9	6	209	0.70	1.50	1.8	Strait of Gibraltar
1381		02:45:10.23	0.51	1.08	35.4532	-3.7339	3.5	2.4	147	15.0	4.8	65	39	107	0.65	6.89	4.2	Strait of Gibraltar
1382		05:00:44.90	1.47	1.09	40.0246	-3.3762	21.3	5.7	166	13.5	22.1	9	6	132	0.30	3.09	2.3	Spain
1383		05:13:20.87	1.37	0.46	35.4494	-3.7344	10.4	9.8	167	14.5	13.1	11	8	220	0.65	1.68	2.2	Strait of Gibraltar
1384		06:00:35.96	0.68	0.73	35.4739	-3.7555	5.3	4.1	118	17.3	6.7	24	13	105	0.67	2.77	2.3	Strait of Gibraltar
1385		07:15:28.68	5.49	1.04	12.5604	58.2100	26.5	13.9	11	70.4	55.9	15	15	145	22.34	63.22	5.2	Owen Fracture Zone Region
1386		08:32:37.31	1.30	0.57	36.5677	-4.5649	10.4	5.4	178	65.2	8.5	18	10	200	0.17	2.92	1.7	Strait of Gibraltar
1387		09:09:22.87	0.59	0.19	36.9589	-3.7869	6.6	4.1	178	11.3	8.7	9	5	124	0.16	0.72	1.3	Strait of Gibraltar
1388		13:00:39.02	0.47	0.66	37.7410	-6.5900	4.2	2.9	177	0.0		20	11	99	0.06	1.65	2.0	Spain
1389		13:29:15.09	0.49	0.75	38.4271	-6.5036	5.0	3.1	11	0.0		17	9	149	0.49	1.64	1.8	Spain
1390		13:58:56.74	2.07	0.20	35.4316	-3.7656	18.9	5.0	25	10.1	24.9	9	6	223	0.67	1.44	2.3	Strait of Gibraltar
1391		17:03:00.71	1.01	0.42	36.7247	-7.4609	8.8	5.0	29	27.0	7.7	22	12	207	0.64	2.71	2.2	Strait of Gibraltar
1392		17:20:36.32	2.18	0.53	36.7241	-2.4239	20.8	4.9	161	0.0		7	4	243	0.30	0.98	1.4	Strait of Gibraltar
1393		19:03:00.82	2.07	2.11	-3.8777	151.9268	41.8	15.5	174	32.9	14.7	37	37	145	25.97	146.69	5.7	New Ireland Region, P.N.G
1394		19:08:49.23	0.80	1.87	-4.5899	152.2513	66.0	19.4	169	0.0		30	30	146	26.34	147.46	2.7	New Britain Region, P.N.G
1395		20:04:31.91	1.25	0.52	36.3036	-7.7130	9.9	5.0	26	13.2	7.3	20	13	239	0.95	5.43	2.4	Strait of Gibraltar
1396		20:12:40.70	0.75	0.96	35.4192	-3.8469	7.2	3.2	24	0.0		18	11	192	0.74	3.71	2.7	Strait of Gibraltar
1397		21:20:21.07	0.44	0.65	37.8114	-6.7686	4.4	3.0	32	0.0		16	11	96	0.09	3.73	1.5	Spain
1398		21:42:47.00	1.53	0.67	43.0073	-13.9978	15.6	11.5	53	0.0		17	10	319	5.40	7.66	3.9	North Atlantic Ocean
1399		22:17:32.81	0.87	0.18	37.0047	-2.1469	21.0	4.8	158	10.3	4.2	8	6	178	0.06	1.19	1.6	Spain
1400	26 Ago	03:56:19.92	1.22	0.70	35.6119	-4.4792	13.1	6.9	37	26.1	12.1	8	5	188	0.78	1.43	1.7	Strait of Gibraltar
1401		05:05:33.93	0.44	0.70	37.7685	-3.3108	4.4	3.1	177	0.0		17	11	125	0.57	1.84	1.9	Spain
1402		07:26:35.82	1.60	0.64	37.0008	-8.7664	17.0	7.8	58	20.3	6.3	17	9	247	0.14	3.53	2.3	Portugal
1403		10:17:24.00	1.82	0.62	36.7354	-10.9445	15.4	13.6	65	0.0		12	8	312	1.74	3.71	2.8	Azores Cape St. Vincent R
1404		13:21:26.62	0.56	0.71	36.3059	-3.3802	5.0	3.8	17	24.9	2.8	18	11	140	0.46	2.75	2.4	Strait of Gibraltar
1405		14:18:55.41	0.40	0.60	37.7363	-6.5915	3.7	2.7	12	0.0		22	11	99	0.07	1.65	2.0	Spain
1406	27 Ago	01:02:30.89	0.51	0.47	37.1671	-3.6570	4.7	3.4	7	0.0		11	6	113	0.18	1.24	1.2	Spain
1407		03:33:40.84	0.73	0.72	39.3312	0.0737	12.1	4.0	3	15.2	7.8	8	4	149	0.85	2.16	1.9	Spain
1408		04:03:32.43	0.49	0.47	37.7887	-6.8143	4.3	3.5	172	7.9	5.0	15	8	138	0.11	1.24	1.6	Spain
1409		05:00:03.73	0.62	0.39	36.4726	-3.0587	7.0	4.0	80	0.0		9	5	133	0.45	0.85	1.4	Spain
1410		07:43:32.32	0.82	0.45	36.6748	-2.9632	5.7	4.8	13	13.9	21.7	8	5	120	0.23	0.74	1.8	Strait of Gibraltar
1411		22:09:54.79	1.60	0.23	35.4882	-3.6059	24.4	7.7	48	57.5	39.7	8	5	209	0.56	1.43	1.0	Strait of Gibraltar
1412	28 Ago	04:43:44.04	1.55	0.54	36.7228	-3.1883	20.9	4.1	172	0.0		6	4	200	0.30	1.00	1.0	Strait of Gibraltar
1413		13:21:16.84	0.53	0.66	37.1746	-3.6601	5.2	4.2	18	3.8	9.2	10	6	116	0.18	1.66	1.3	Spain
1414		13:50:36.40	1.03	1.18	35.4309	-3.7570	4.0	3.1	174	10.3	7.8	31	18	110	0.67	3.80	2.5	Strait of Gibraltar
1415		21:36:53.31	0.98	0.82	41.7998	2.6938	8.3	5.3	160	14.4	11.6	15	9	134	0.66	7.04	3.5	Spain
1416		23:48:37.34	1.76	0.57	36.4358	-3.5016	13.8	6.6	166	32.5	6.0	9	5	230	0.44	1.03	1.6	Strait of Gibraltar
1417	29 Ago	05:10:16.70	1.04	0.75	36.5706	2.0358	16.9	6.3	147	38.9	45.0	24	15	244	2.51	6.13	3.7	Northern Algeria
1418		10:24:51.12	1.71	0.80	36.9385	-7.3851	11.4	5.6	0	4.1	5.6	12	8	251	0.53	1.93	1.9	Strait of Gibraltar
1419		13:25:38.41	1.20	0.64	38.0703	-8.3259	8.8	3.5	92	0.0		13	8	228	0.49	1.34	1.7	Portugal
1420		15:01:38.00	2.11	0.38	37.2235	3.0097	31.6	8.3	150	38.9	84.2	7	5	223	2.23	3.87	3.5	Western Mediterranean Sea
1421		20:15:35.16	2.03	0.36	32.3242	-3.3242	10.5	5.5	125	10.6	10.5	7	4	129	0.62	1.62	1.7	Spain
1422	30 Ago	01:51:38.77	0.56	1.29	35.4781	-3.6067	3.5	2.5	145	8.2	4.6	65	35	104	0.56	6.90	3.7	Strait of Gibraltar
1423		03:01:05.21	0.73	0.85	36.6713	-9.7556	7.7	3.3	94	32.4	13.7	38	19	209	0.88	6.27	3.5	West of Gibraltar
1424		05:55:58.69	0.85	1.26	42.9040	-1.5191	9.6	4.3	170	0.0		20	12	198	2.90	6.24	4.1	Pyrenees
1425		05:57:56.24	0.40	2.20	42.9301	-1.5066	4.7	3.4	119	0.0		42	25	87	2.93	10.82	4.6	Pyrenees
1426		06:38:33.31	0.54	1.12	35.4332	-3.6029	4.8	3.3	150	16.7	5.9	48	25	110	0.54	4.69	3.1	Strait of Gibraltar
1427		11:39:27.20	0.51	1.29	37.0049	-5.2729	4.9	3.2	10	5.9	5.0	18	10	116	0.49	1.91	2.2	Spain
1428		13:12:16.81	1.41	0.90	36.4335	-7.6080	11.9	5.6	41	0.0		16	9	269	0.85	2.43	2.3	Strait of Gibraltar
1429		14:24:13.97	1.04	0.86	43.0921	-11.5504	37.7	7.9	132	28.2	42.3	33	17	306	3.74	8.78	4.1	North Atlantic Ocean
1430		18:33:28.33	0.50	0.57	37.3445	-8.3257	6.2	4.2	169	24.8	4.2	23	13	134	0.33	3.08	2.3	Portugal

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	S:maj	S:min	Az	Depth	ERR	N:def	M:sta	GAP	mdist	Mdist	Mag	Z:Geo.
1431		21:00:54.63	0.67	0.82	38.4918	-1.7357	8.9	3.4	106	21.3	3.7	16	9	104	0.21	2.33	2.0	Spain
1432		21:20:28.65	0.64	1.11	0.5836	-29.5768	27.2	12.1	120	0.0		43	43	129	34.12	155.53	5.9	Central Mid Atlantic Ridg
1433		23:28:22.59	2.54	0.84	36.7857	1.9000	22.4	9.1	161	161		7	5	276	2.28	3.30	2.8	Northern Algeria
1434	31 Ago	00:13:55.65	2.31	0.42	42.6253	-2.0507	14.4	8.2	150	9.1	18.3	8	6	190	2.48	4.85	3.0	Spain
1435		02:49:30.35	0.60	0.19	37.6431	-5.9053	5.3	4.4	169	23.2	7.5	9	5	113	0.58	1.17	1.3	Spain
1436		04:00:37.14	0.44	0.64	37.1078	-3.5689	4.1	3.1	179	0.0		14	8	83	1.33	1.4	1.4	Spain
1437		08:20:04.90	0.98	0.66	37.8189	-3.3362	10.4	4.0	42	17.1	15.8	12	6	129	0.62	1.67	1.7	Spain
1438		09:56:55.21	0.92	0.47	35.8120	-4.6805	7.1	5.7	83	76.7	15.0	18	10	150	0.75	3.48	2.4	Straits of Gibraltar
1439		12:53:32.82	0.39	0.76	37.7980	-6.6020	3.5	2.8	171	0.0		21	11	94	0.06	1.89	2.2	Spain
1440		12:53:32.35	0.46	0.36	37.7289	-6.6016	3.9	3.2	21	0.0		18	10	100	0.07	1.66	2.0	Spain
1441		13:25:03.30	0.39	0.54	38.1160	-7.3916	2.8	2.7	138	0.0	4.0	28	14	70	0.28	2.60	2.6	Portugal
1442		17:24:13.34	4.70	0.85	-3.8702	70.0978	42.1	10.6	112	79.3	44.7	31	31	172	31.20	85.03	5.8	Chagos Archipelago Region
1443	01 Sep	20:25:58.95	1.96	0.71	37.2021	3.0878	56.3	10.6	142	22.0	52.4	9	5	286	2.28	3.98	3.0	Western Mediterranean Sea
1444		00:57:42.84	0.64	1.11	35.5125	-3.7012	4.8	3.3	33	1.5	5.0	16	11	102	0.64	2.31	2.0	Straits of Gibraltar
1445		04:09:31.44	2.57	0.93	-27.5470	-72.2262	55.7	17.7	127	57.7	20.2	37	36	167	3.34	152.17	7.2	Strait of Gibraltar
1446		04:30:13.96	2.47	1.67	-26.8563	-72.2328	81.5	22.6	130	98.9	19.1	23	23	169	2.77	152.84	6.4	Off Coast of Northern Chi
1447		07:01:27.35	3.71	1.66	-27.3756	-72.7023	91.8	30.8	134	57.0	27.3	17	17	170	3.43	148.06	6.1	Off Coast of Northern Chi
1448		10:31:55.10	5.65	0.38	-27.4898	-71.9802	104.6	26.4	132	37.3	42.8	23	23	166	3.17	148.30	5.9	Near Coast of Northern Ch
1449		12:52:41.88	0.46	0.47	37.7443	-6.5774	3.8	3.0	6	2.9	4.0	20	10	99	0.08	1.64	2.0	Spain
1450		16:48:28.26	0.64	1.31	36.8755	-5.2152	6.9	2.5	10	10.0	5.1	28	16	102	0.47	2.74	2.1	Straits of Gibraltar
1451		17:27:34.42	0.80	0.74	36.7830	-5.2178	9.5	5.7	31	22.6	4.6	15	9	189	0.42	2.43	1.6	Straits of Gibraltar
1452		19:22:37.62	3.17	0.13	36.8949	6.4206	26.6	20.9	80	0.0		5	3	328	3.44	4.54	2.2	Northern Algeria
1453		20:17:00.62	0.95	1.16	35.3992	-3.6320	11.6	6.8	148	21.8	13.8	17	9	189	0.56	1.81	2.2	Straits of Gibraltar
1454		21:09:19.29	3.62	0.53	-27.7204	-70.6853	133.8	16.1	81	0.0		31	31	314	3.09	96.81	6.5	Straits of Gibraltar
1455	02 Sep	01:31:34.54	1.46	0.66	41.8322	3.7445	6.9	5.0	142	23.1	13.0	15	9	107	0.89	5.60	3.7	Near Coast of Northern Ch
1456		12:42:35.64	0.45	0.37	37.7364	-6.6025	4.6	2.9	170	0.0		20	11	98	0.06	1.65	2.1	Spain
1457		21:33:10.45	0.54	1.27	38.0964	-0.0795	4.6	2.3	150	3.3	3.2	63	32	162	0.86	1.66	2.0	Spain
1458		22:24:18.66	1.35	0.68	36.8384	-10.9340	42.6	10.4	59	8.0	32.7	22	13	303	1.71	7.27	4.0	Spain
1459	03 Sep	04:35:32.95	0.63	0.33	37.3363	-8.4950	8.6	3.9	156	5.1	6.5	12	7	144	0.33	1.51	1.4	Azores Cape St. Vincent R
1460		07:41:55.36	1.21	0.86	38.8893	-12.4756	11.1	9.5	83	96.9	36.6	26	13	293	2.49	6.23	3.5	Azores Cape St. Vincent R
1461		10:13:23.47	1.61	0.57	36.4976	-7.7108	11.0	7.3	174	21.2	8.2	14	9	257	0.76	2.41	2.4	Straits of Gibraltar
1462		11:53:59.80	3.07	0.11	37.0240	-6.6520	46.1	11.9	178	45.3	217.2	6	3	290	1.19	2.00	2.0	Spain
1463		13:14:03.20	0.57	0.84	37.7307	-6.6096	4.5	3.0	3	10.3	1.8	20	11	101	0.06	1.67	2.2	Spain
1464		13:16:58.50	0.53	0.57	37.7307	-6.6096	4.5	3.0	170	0.0		18	10	171	0.06	1.66	2.0	Spain
1465		13:17:24.38	0.57	0.57	37.7475	-6.5755	5.3	3.2	166	0.0		16	10	170	0.08	1.89	2.0	Spain
1466		15:59:37.74	1.70	0.37	36.4435	-7.8342	14.3	9.0	5	36.1	23.0	13	8	257	0.80	2.43	2.4	Spain
1467	04 Sep	05:43:09.24	2.61	0.18	37.2170	-9.0679	46.2	19.5	137	43.3	16.4	9	7	305	0.21	3.02	2.1	Straits of Gibraltar
1468		14:30:27.17	0.67	0.59	37.3005	-8.7807	9.0	5.8	11	22.8	6.4	21	11	154	0.17	3.44	2.5	Portugal
1469		20:07:43.85	0.32	0.67	36.5697	-4.5230	2.9	2.2	173	71.9	4.8	65	34	56	0.20	6.07	3.7	Portugal
1470		20:55:38.00	0.85	0.98	36.3341	-8.1534	4.4	2.8	69	28.0	8.6	47	25	154	0.92	5.53	3.5	Straits of Gibraltar
1471	05 Sep	22:38:19.66	0.42	0.99	37.6044	-1.4959	4.7	2.8	145	0.0		22	11	129	0.16	2.50	2.1	West of Gibraltar
1472	06 Sep	00:21:21.79	3.21	2.01	1.1309	126.1732	39.3	18.5	27	117.2	25.6	11	11	188	3.16	117.83	5.8	Northern Molucca Sea
1473		01:17:03.72	3.71	1.23	-29.6440	-72.5123	99.3	19.9	129	80.1	33.2	28	28	166	5.34	150.20	6.7	Off Coast of Central Chili
1474		02:59:12.06	2.88	0.76	-17.2275	167.8009	99.3	17.6	179	0.0	19.8	19	19	276	42.90	156.72	6.3	Vanuatu Islands
1475		06:51:27.09	3.56	1.25	7.6482	-37.3747	28.9	12.6	130	103.3	31.9	35	35	131	31.27	162.52	6.1	Vanuatu Islands
1476		11:56:27.01	0.29	0.77	35.5768	-5.3807	2.8	2.4	17	53.7	7.5	68	38	83	0.32	17.68	4.6	Central Mid Atlantic Ridg
1477		15:23:41.36	2.72	1.41	6.4210	125.8729	23.6	18.7	143	98.6	25.0	20	19	183	8.03	116.74	6.3	Straits of Gibraltar
1478		19:50:14.00	0.45	1.12	36.3540	-3.2740	3.0	2.5	176	0.0	3.3	43	23	99	0.46	6.35	3.3	Straits of Gibraltar
1479		23:06:18.40	1.15	1.23	33.6121	1.3326	19.8	5.0	144	20.8	17.3	27	14	259	2.38	5.74	3.3	Northern Algeria
1480		00:37:37.56	0.90	1.06	35.4318	-3.6191	6.8	4.4	105	14.3	9.7	25	15	110	0.56	4.54	2.2	Straits of Gibraltar
1481		02:12:42.14	1.30	0.48	36.5806	-9.8377	10.2	8.9	13	15.3	6.9	21	12	285	0.98	5.00	3.1	West of Gibraltar
1482		02:28:37.55	2.52	0.59	36.1793	-8.5176	15.4	13.3	8	7.0	7.9	8	6	314	0.98	2.38	1.8	West of Gibraltar
1483		05:21:14.54	0.70	0.70	36.5620	-2.5342	5.4	3.8	141	7.3	5.4	14	8	163	0.98	2.22	1.8	Straits of Gibraltar
1484		06:13:04.65	11.51	1.56	-15.8363	167.9605	93.8	42.5	169	195.9	92.1	16	16	245	42.97	154.44	5.8	Vanuatu Islands
1485		13:58:20.56	0.60	0.44	37.0560	-5.4291	3.8	2.6	27	10.5	2.8	25	13	63	0.39	2.49	2.1	Spain

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitude	Longitud	S:maj	S:min	Az	Depth	ERR	N:def	M:sta	GAP	mdist	Mdist	Mag	Z:Geo.
1486		13:58:59.74	0.56	0.74	37.0812	-5.2776	4.7	3.8	19	0.0		11	8	103	0.51	2.13	1.7	Spain
1487		23:03:59.61	0.51	0.61	37.6060	-7.9735	7.2	3.9	53	5.6	5.3	18	10	122	0.06	2.08	1.8	Portugal
1488	08 Sep	00:15:50.75	0.68	0.38	36.6430	-8.0352	6.8	4.7	36	41.1	21.5	25	16	166	0.60	3.93	2.2	West of Gibraltar
1489		00:45:25.00	1.80	0.91	-4.7544	129.4869	19.2	8.4	87	199.9	13.5	26	23	147	4.41	149.22	6.4	Banda Sea
1490		13:13:03.47	0.47	0.62	37.7486	-6.5930	4.3	3.1	6	0.0		16	8	99	0.07	1.37	2.2	Spain
1491		14:08:29.98	1.31	0.56	36.4476	-3.7532	10.4	4.2	159	6.7	11.5	11	7	211	0.43	1.35	1.7	Strait of Gibraltar
1492		14:22:42.16	1.31	0.77	36.4751	-3.7253	11.6	4.2	167	24.8	10.8	12	6	218	0.85	1.7	1.7	Strait of Gibraltar
1493		23:11:07.05	0.54	1.19	37.3632	-3.8513	5.0	3.2	107	21.1	4.7	20	12	89	0.33	2.28	2.1	Spain
1494	09 Sep	23:27:09.78	0.25	1.05	36.6670	-6.0737	2.8	2.3	29	36.7	4.9	52	28	74	0.23	5.81	2.9	Strait of Gibraltar
1495		02:30:07.20	1.03	0.72	36.7424	-4.4799	8.7	4.1	9	81.8	8.7	22	12	150	0.05	3.00	1.9	Strait of Gibraltar
1496		02:31:29.40	0.86	0.58	36.6173	-7.1777	8.7	3.1	19	7.8	6.5	26	15	191	0.80	2.87	2.4	Strait of Gibraltar
1497		02:45:31.99	0.59	0.71	35.6328	-4.6555	5.3	3.4	113	68.5	11.7	26	15	142	0.64	5.17	2.3	Strait of Gibraltar
1498		21:00:27.82	1.14	0.69	36.5541	-11.6144	17.9	6.4	97	33.8	32.6	25	13	251	2.31	6.69	3.3	Strait of Gibraltar
1499		23:52:49.48	1.02	0.79	35.7330	-9.9201	12.0	4.4	74	26.3	13.7	34	18	229	1.65	5.21	3.1	Azores Cape St. Vincent R
1500	10 Sep	04:04:17.03	0.42	1.10	37.7362	-4.4267	3.5	2.2	24	16.4	3.5	39	21	47	0.45	2.94	2.4	West of Gibraltar
1501		18:16:19.31	1.92	0.72	36.5371	-8.0700	13.0	7.2	171	0.0		8	4	288	0.85	1.83	1.9	Spain
1502		21:47:07.81	1.97	1.06	36.6238	-7.3094	13.1	5.8	4	0.0		11	7	275	0.66	2.14	1.9	Strait of Gibraltar
1503	11 Sep	00:07:25.20	0.95	1.09	35.4822	-3.7402	8.8	3.8	37	0.0		14	7	217	0.66	1.65	2.0	Strait of Gibraltar
1504		03:47:33.71	1.26	0.49	35.6797	-10.4089	14.0	5.0	83	19.9	12.7	25	14	225	1.93	5.43	3.0	Strait of Gibraltar
1505		07:35:54.66	3.26	0.98	-70.3763	-70.3763	73.4	8.7	121	40.3	23.2	18	20	182	1.53	154.46	6.4	Azores Cape St. Vincent R
1506		10:32:01.18	1.00	0.62	37.9992	-3.4653	8.2	4.2	33	5.0	8.8	13	8	173	0.79	1.99	1.9	Near Coast of Northern Ch
1507		12:45:41.93	0.40	0.75	37.7359	-6.6002	3.6	2.8	6	0.0		22	12	100	0.07	1.87	2.0	Spain
1508		18:09:18.91	0.49	0.40	37.8402	-8.0454	5.6	3.0	103	0.0		14	8	140	0.21	1.22	1.5	Spain
1509		23:26:17.08	0.49	0.66	36.8862	-5.2839	11.0	3.5	10	23.1	5.0	15	9	140	0.46	1.90	1.8	Portugal
1510	12 Sep	02:37:27.11	11.87	3.54	-21.2505	-177.5738	140.3	48.6	163	599.5	113.1	25	12	257	56.92	160.40	6.2	Strait of Gibraltar
1511		02:44:12.75	6.59	1.61	38.8190	141.8520	27.3	14.7	92	51.4	56.8	25	25	130	43.22	149.31	6.0	Fiji Islands Region
1512		07:52:33.33	1.99	0.45	36.6104	-8.6501	14.8	9.7	16	19.7	6.9	10	4	299	0.54	1.31	1.9	Near East Coast of Honshu
1513		08:34:22.53	1.17	2.20	-17.9883	168.1561	130.9	18.4	1	0.0		25	25	276	43.30	166.46	6.0	West of Gibraltar
1514		11:59:27.75	0.38	0.73	36.5673	-4.5281	3.4	3.0	5	65.5	5.5	44	24	56	0.20	6.07	3.1	Vanuatu Islands
1515		20:22:17.73	0.65	0.36	36.5527	-3.0900	4.6	3.9	7	0.0		11	7	115	0.38	1.24	1.7	Strait of Gibraltar
1516		22:57:39.85	0.89	0.56	37.0539	-2.6131	12.7	3.9	1	0.0		7	4	180	0.27	0.83	1.4	Spain
1517	13 Sep	05:09:27.51	0.90	0.49	37.7141	-3.6890	6.1	3.4	43	10.8	4.1	17	9	178	0.55	1.44	2.0	Spain
1518		11:52:09.43	1.67	0.15	36.4098	-3.4981	13.5	5.4	170	26.2	33.9	8	6	233	0.47	1.04	1.7	Strait of Gibraltar
1519		17:39:31.29	1.05	0.30	37.4887	-8.7341	8.3	4.4	125	2.2	9.4	9	6	196	0.36	1.51	1.5	Portugal
1520		18:15:42.98	1.66	0.32	36.0670	-7.8429	46.9	12.1	170	16.0	43.8	12	6	306	1.18	2.46	2.2	Strait of Gibraltar
1521		03:23:57.95	0.96	0.58	37.4743	-3.6022	7.7	3.8	178	20.2	3.4	15	8	81	0.30	2.84	1.9	Spain
1522		05:33:05.77	2.56	0.33	36.4188	-3.4960	17.4	10.8	18	22.8	18.4	6	3	301	0.46	0.79	2.1	Spain
1523		06:20:49.40	1.24	0.74	36.4428	-3.2280	9.5	4.6	170	21.0	6.8	15	9	196	0.53	2.39	2.1	Strait of Gibraltar
1524		06:22:14.68	1.62	0.56	36.6129	-8.4209	11.9	8.8	10	16.2	6.9	13	8	278	0.61	2.41	2.1	Strait of Gibraltar
1525		21:59:14.58	0.43	0.47	37.7785	-6.7396	13.9	2.6	178	1.4	4.2	24	12	98	0.17	1.78	1.8	Spain
1526		23:48:25.82	0.56	0.66	36.7922	-4.0077	6.8	4.1	168	34.1	4.6	16	8	166	0.31	1.70	1.6	Strait of Gibraltar
1527	15 Sep	00:13:48.05	1.59	0.75	36.6263	-4.7023	13.9	6.7	24	64.8	10.4	13	7	143	0.08	1.55	1.4	Strait of Gibraltar
1528		03:41:58.48	3.49	1.22	55.5509	157.7380	28.0	11.2	106	698.7	42.1	28	28	146	51.67	133.32	5.9	Kamcharka Peninsula, Russ
1529		04:12:12.90	0.64	1.35	-14.6086	179.9182	68.0	18.7	0	0.0		15	15	153	54.51	162.48	5.9	Fiji Islands Region
1530		12:45:16.44	0.39	0.48	37.7329	-6.5902	3.6	2.7	18	0.0		22	12	87	0.07	1.65	2.0	Spain
1531		19:35:30.86	0.45	0.89	36.8780	-4.0407	6.2	3.1	175	22.0	2.2	19	9	150	0.24	2.65	1.7	Strait of Gibraltar
1532		23:34:25.74	3.82	0.72	27.5278	85.4740	21.1	9.0	82	200.2	37.6	19	18	168	19.59	78.53	5.3	Nepal
1533	16 Sep	02:53:02.92	1.13	0.73	36.7846	-7.3392	7.8	3.8	1	0.9	5.3	14	9	201	0.66	2.00	1.7	Strait of Gibraltar
1534		08:44:34.27	13.05	1.14	-22.5218	171.0464	90.7	45.1	173	130.3	102.3	12	12	246	46.51	153.17	6.1	Southeast of Loyalty Isla
1535		17:24:24.46	0.40	0.66	37.0020	-3.9326	3.9	2.8	15	0.0		17	9	91	0.18	1.59	1.8	Spain
1536		20:00:35.61	1.27	0.84	35.4429	-3.7528	11.2	4.8	34	1.2	8.2	10	6	221	0.67	1.61	2.1	Strait of Gibraltar
1537		20:09:38.27	0.73	0.59	37.4417	-3.7104	5.7	3.7	24	13.8	6.1	12	9	154	0.32	1.49	1.3	Spain
1538		20:35:29.10	1.36	0.26	36.8568	-9.6737	11.4	7.4	34	29.1	8.7	21	12	279	0.73	3.60	2.4	West of Gibraltar
1539	17 Sep	02:52:06.60	0.76	1.32	34.7796	-16.3997	11.4	4.1	121	77.3	6.2	33	17	212	2.06	10.10	4.3	Madeira Islands, Portugal
1540		03:00:38.49	8.65	0.58	7.4874	-36.9656	85.2	13.9	134	191.4	91.1	26	26	182	36.27	44.43	5.1	Central Mid Atlantic Ridge

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	S:maj	S:min	Az	Depth	ERR	N:df	M:sta	GAP	mdist	M:dist	Mag	Z:Geo.
1541		04:27:03.41	0.56	0.86	35.2976	-4.4056	3.3	3.0	154	1.5	4.4	37	22	109	0.99	5.91	3.3	Strait of Gibraltar
1542		12:43:24.67	0.45	0.59	37.7295	-6.5963	3.9	2.9	173	0.0	11.4	23	12	100	0.07	1.87	2.3	Spain
1543		14:38:29.13	0.95	0.78	35.3988	-3.6984	9.1	6.0	156	13.5	11.4	17	9	191	0.62	2.85	2.5	Strait of Gibraltar
1544		18:17:09.63	1.29	0.94	36.8624	-7.4564	8.7	5.4	163	16.9	5.8	16	9	231	0.54	2.02	2.1	Strait of Gibraltar
1545		19:52:15.01	0.78	0.58	36.5801	-7.3250	7.2	3.9	15	40.3	27.4	27	14	205	0.70	2.70	2.3	Strait of Gibraltar
1546		20:07:55.52	1.19	0.37	35.7049	-8.3908	7.6	5.0	70	15.4	9.2	26	15	177	1.47	6.20	3.1	West of Gibraltar
1547		20:15:06.66	0.63	0.27	36.3849	-3.4846	5.6	4.3	59	18.6	5.9	12	6	139	1.18	1.18	2.9	Strait of Gibraltar
1548		22:59:48.36	0.96	0.56	36.5189	-9.8384	10.0	4.8	84	35.4	16.0	28	15	229	1.02	4.89	2.9	West of Gibraltar
1549	18 Sep	07:06:43.19	1.34	0.94	35.5210	-0.5930	11.9	6.8	153	0.0	109.7	19	12	276	1.95	4.15	3.1	Northern Algeria
1550		16:28:18.40	1.09	1.10	35.0407	25.1772	16.2	8.8	25	42.5	9.9	30	30	111	0.34	96.82	5.2	Crete, Greece
1551		20:48:58.37	0.84	0.52	37.1720	-4.1445	11.0	4.9	157	5.5	12.4	11	6	134	0.07	1.36	1.6	Spain
1552		21:43:55.33	0.55	0.58	0.7442	-26.9284	20.6	9.9	118	0.0	109.7	34	33	123	33.20	127.96	6.2	Central Mid Atlantic Ridge
1553		23:38:38.76	3.01	0.91	36.9844	-13.1031	20.2	5.6	91	40.4	109.7	35	20	263	3.43	9.31	4.1	Azores Cape St. Vincent R
1554	19 Sep	02:11:06.56	0.50	0.55	38.2791	-7.5939	3.9	3.5	95	0.0	4.1	11	7	98	0.42	1.07	1.6	Portugal
1555		02:58:49.67	0.52	0.65	36.5514	-3.1643	4.8	4.4	34	28.0	5.7	14	8	109	0.41	1.30	1.9	Strait of Gibraltar
1556		04:16:37.62	1.13	0.55	36.7730	-7.4128	10.6	5.8	33	25.4	7.9	19	11	233	0.63	2.63	2.2	Strait of Gibraltar
1557		04:45:44.77	0.47	0.77	36.5714	-4.5501	3.9	2.9	165	67.1	5.6	45	24	113	0.18	5.62	3.2	Strait of Gibraltar
1558		07:28:02.16	0.66	0.73	36.4640	-7.4918	4.7	3.9	60	30.4	14.3	30	16	124	0.85	5.53	3.0	Strait of Gibraltar
1559		18:47:51.70	0.74	0.27	37.0710	-3.9925	4.8	3.9	7	7.6	12.3	11	6	104	0.10	1.19	1.3	Spain
1560		21:09:29.41	1.31	0.94	-37.7122	78.0061	41.6	15.1	178	0.0	4.1	8	8	223	31.15	104.95	5.7	Mid Indian Ridge
1561		22:28:12.83	0.44	1.52	37.0828	-5.3137	3.9	2.8	13	6.7	4.1	33	18	109	0.47	2.81	2.4	Spain
1562		22:46:35.68	0.50	0.75	37.0229	-5.3477	4.7	3.2	8	6.4	4.7	21	12	114	0.44	2.59	2.1	Spain
1563	20 Sep	07:46:08.15	1.28	0.62	36.1381	-8.5835	12.4	6.0	40	24.1	15.9	22	14	202	0.91	3.79	2.8	West of Gibraltar
1564		09:14:37.31	2.07	0.56	39.6944	-6.8806	13.5	8.8	3	0.0	15.9	9	6	286	0.94	1.01	1.9	Spain
1565		11:01:50.71	0.94	0.62	34.5768	-9.4811	9.2	3.6	74	22.4	9.2	20	21	209	2.14	7.56	3.4	West of Gibraltar
1566		11:26:31.37	0.63	0.61	38.7911	-8.7772	7.9	3.9	23	0.8	6.9	42	6	192	0.43	1.50	1.7	Portugal
1567		11:57:15.55	1.64	0.35	36.5009	-7.2299	10.9	6.7	4	10.5	7.6	14	8	254	0.93	2.38	2.2	Strait of Gibraltar
1568		12:50:44.99	0.42	0.67	37.0242	-3.7054	5.0	3.9	173	1.1	7.6	18	9	84	0.17	1.72	2.1	Spain
1569		13:50:14.24	0.76	0.35	37.7946	-1.5701	6.6	3.8	119	11.0	3.3	9	6	131	0.17	1.38	1.6	Spain
1570		17:08:52.18	0.36	1.31	38.4367	-4.1848	3.8	2.8	6	0.0	88.8	34	18	100	0.41	2.76	2.6	Spain
1571		17:40:11.07	0.74	0.37	37.5643	-1.6161	5.8	4.0	134	1.4	13.4	10	5	131	0.11	1.08	1.4	Spain
1572		19:59:24.59	0.91	0.39	37.0829	-7.8240	5.8	3.8	2	10.6	4.5	21	12	176	0.18	2.15	2.0	Portugal
1573		20:34:27.71	1.62	0.22	36.6675	-9.8527	47.3	14.8	45	26.6	57.9	11	8	285	0.94	3.80	2.5	West of Gibraltar
1574		22:59:40.27	0.61	0.47	36.4431	-3.2411	6.0	5.0	60	29.2	7.7	9	5	127	0.53	1.01	1.6	Strait of Gibraltar
1575	21 Sep	02:03:21.42	0.59	0.42	37.8482	-6.6710	5.5	4.6	179	13.0	6.0	11	6	104	0.08	1.26	1.2	Spain
1576		04:49:59.11	0.81	0.60	35.7670	-4.6827	7.6	4.0	79	64.6	18.2	21	15	151	0.80	5.28	2.2	Strait of Gibraltar
1577		12:49:50.11	0.39	0.55	37.7359	-6.5951	3.8	2.8	9	0.0	17.2	24	12	100	0.07	2.44	2.2	Spain
1578		16:08:15.62	1.47	0.75	35.9115	-0.5685	18.6	5.4	145	25.1	17.2	17	11	246	1.69	4.44	2.6	Northern Algeria
1579		19:10:43.57	1.05	0.66	39.9872	-9.0622	11.2	5.2	108	0.0	9.0	5	4	304	0.65	1.41	1.5	Portugal
1580		21:05:35.40	4.28	0.15	36.7858	-7.3607	32.9	12.7	149	32.6	7.3	20	11	169	0.94	1.88	2.2	Strait of Gibraltar
1581	22 Sep	12:49:24.87	0.50	0.62	37.7529	-6.6016	4.5	2.9	166	0.0	7.3	11	6	329	0.94	2.70	1.9	Spain
1582		16:24:30.88	1.99	0.29	36.5900	-9.7838	23.5	13.0	140	17.4	10.2	8	4	292	0.62	1.23	1.9	West of Gibraltar
1583		17:48:12.71	2.15	0.65	36.5887	-8.4618	15.8	10.9	4	22.5	10.2	11	8	292	0.62	1.23	1.9	West of Gibraltar
1584		21:03:32.75	0.37	0.76	35.1875	-5.9314	3.4	2.6	88	69.1	11.0	64	36	96	0.84	6.96	3.4	Strait of Gibraltar
1585		22:13:55.45	0.31	0.71	35.2055	-5.9389	3.0	2.7	95	41.5	32.4	49	28	31	0.83	5.90	3.1	Strait of Gibraltar
1586	23 Sep	01:16:55.23	0.63	0.83	35.4576	-3.6487	5.4	4.3	127	17.7	6.3	20	12	107	0.59	2.29	2.3	Strait of Gibraltar
1587		02:04:28.51	2.09	0.35	36.3301	-7.5003	20.9	7.2	24	11.0	12.8	14	11	271	0.97	2.97	1.9	Strait of Gibraltar
1588		06:27:10.27	0.50	0.66	37.5742	-7.9602	3.8	3.4	83	0.0	1.4	16	9	80	0.09	1.40	1.4	Portugal
1589		06:56:56.87	1.91	0.65	41.1316	-1.6732	17.3	8.1	172	20.2	1.4	13	8	294	5.12	5.12	3.3	Spain
1590		12:42:30.64	0.47	0.58	37.7235	-6.5953	4.1	2.9	177	0.0	11.8	20	11	100	0.08	1.66	2.0	Spain
1591		21:21:26.04	1.41	0.81	42.8325	-1.4392	10.1	4.5	175	12.9	11.8	17	11	106	2.86	6.12	3.5	Pyrenees
1592		23:11:19.65	1.26	0.70	36.9257	-4.3931	10.9	4.6	174	0.0	105.6	14	7	242	0.40	1.65	1.9	West of Gibraltar
1593	24 Sep	00:28:49.82	11.14	0.51	1.9630	-17.7260	86.9	24.9	51	464.6	15.6	18	18	259	30.46	71.70	4.8	North of Ascension Island
1594		01:28:20.19	0.43	0.56	35.2069	-5.9303	3.8	2.6	101	60.6	15.6	46	24	103	0.82	5.52	2.7	Strait of Gibraltar
1595		04:45:31.17	0.60	1.18	35.9349	-8.5690	5.1	3.4	87	61.1	23.6	44	24	182	1.21	6.22	3.0	West of Gibraltar

**SISMOS DETECTADOS EN EL AÑO 2020**

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z. Geo.
1596		04:49:50.28	0.62	1.07	35.4117	-3.7569	5.1	3.5	146	16.3	6.6	38	21	111	0.66	4.62	2.7	Strait of Gibraltar
1597		12:54:12.85	1.48	0.28	35.4197	-3.7391	12.3	10.0	88	18.6	15.8	10	5	223	0.65	1.45	2.1	Strait of Gibraltar
1598		13:12:36.90	0.51	0.52	36.0614	-2.8309	6.0	3.3	99	12.9	5.5	10	10	158	0.20	1.65	2.2	Strait of Gibraltar
1599		16:22:40.78	0.62	0.65	36.6789	-13.0224	8.6	4.3	134	76.6	5.5	32	17	177	3.39	7.49	3.9	Azores Cape St. Vincent R
1600	25 Sep	02:00:24.49	0.69	0.87	42.8920	-1.5098	7.2	3.3	176	21.4	0.8	33	21	198	2.89	6.88	4.0	Pyrenees
1601		03:21:38.43	0.76	0.70	36.9365	-8.8157	7.2	4.6	66	22.3	2.0	28	14	212	0.20	4.56	2.8	West of Gibraltar
1602		12:42:23.43	0.45	0.44	37.7585	-6.5997	3.9	3.2	11	0.2	8.9	19	10	98	0.06	1.65	2.2	Spain
1603	26 Sep	05:17:25.74	0.48	0.66	35.7107	-3.1840	7.0	4.3	69	17.8	4.9	19	11	149	0.26	2.96	2.4	Strait of Gibraltar
1604		17:10:23.25	0.54	0.75	-48.0695	31.9954	18.4	14.6	9	0.0		26	26	146	28.68	99.88	6.0	South of Africa
1605		17:38:48.91	1.95	0.35	42.1698	-7.1769	17.1	9.5	174	24.8	7.5	12	8	290	0.40	4.47	3.2	Spain
1606		19:59:59.63	0.45	0.50	38.6053	-7.2353	3.4	3.2	10	0.0		17	10	95	0.23	2.13	1.8	Portugal
1607	27 Sep	00:04:09.19	0.63	0.89	35.4624	-3.6706	5.3	4.2	124	18.5	7.0	33	17	107	0.60	4.62	2.9	Strait of Gibraltar
1608		04:34:34.75	1.31	0.31	38.5598	-7.9103	10.1	4.2	107	1.6	10.7	8	6	212	0.40	1.31	1.4	Portugal
1609		18:14:29.25	0.44	0.87	37.4112	-3.7043	4.3	3.2	29	0.0		17	11	95	0.29	2.10	2.0	Spain
1610	28 Sep	06:06:37.91	0.60	0.61	34.9918	-3.8668	5.3	4.0	147	0.0		16	10	148	0.81	2.24	2.4	Morocco
1611		12:40:09.88	0.47	0.62	37.6995	-6.5894	4.4	3.0	173	0.0		17	10	119	0.09	1.84	2.0	Spain
1612		18:13:09.83	0.65	0.43	37.1761	-3.7899	5.0	4.2	2	14.0	6.9	10	6	116	0.26	1.57	1.2	Spain
1613	29 Sep	03:01:59.81	0.51	0.61	37.0489	-5.1273	5.6	4.1	28	14.4	7.8	13	7	103	0.56	2.26	1.8	Spain
1614		07:11:28.86	0.87	0.55	35.7382	-3.2828	9.8	3.8	78	0.0		9	5	198	1.20	2.3	2.3	Strait of Gibraltar
1615		09:24:00.69	0.82	0.80	42.7350	-1.4528	9.8	4.2	176	0.0		17	10	193	3.16	6.24	3.6	Pyrenees
1616		12:38:16.39	0.61	0.50	37.7268	-6.5971	4.7	3.7	174	0.5	7.3	17	10	92	0.07	1.42	1.9	Spain
1617		15:55:20.45	0.90	0.33	36.8116	-7.2782	9.3	4.2	19	40.9	19.9	15	10	173	0.52	1.94	1.9	Strait of Gibraltar
1618		22:12:10.21	0.75	0.59	39.1771	0.4324	8.5	3.7	178	4.2	6.8	11	6	140	0.72	1.95	1.9	Spain
1619	30 Sep	01:33:05.57	2.45	0.51	36.8370	-8.9102	16.7	8.9	39	22.0	2.4	14	11	307	0.30	3.04	1.9	West of Gibraltar
1620		02:35:52.69	1.80	0.85	36.6088	5.3307	16.5	11.3	134	0.0		11	8	296	3.39	6.13	3.5	Northern Algeria
1621		02:42:49.41	0.56	0.92	35.3117	-14.8559	7.6	4.3	127	69.4	4.7	48	25	182	3.15	11.83	4.6	Azores Cape St. Vincent R
1622		05:26:05.16	0.36	1.33	36.8118	-4.4573	4.3	2.5	0	53.7	6.3	45	48	25	0.05	4.38	2.8	Strait of Gibraltar
1623		05:29:50.96	1.68	0.35	36.7449	-9.7532	13.2	8.3	30	25.0	7.8	16	10	282	0.84	3.70	2.5	West of Gibraltar
1624		12:42:53.78	0.66	0.42	37.7181	-6.5880	5.2	3.6	157	0.0		16	8	177	0.08	1.39	2.0	Spain
1625		16:25:21.37	1.47	0.67	38.9495	-7.7071	10.3	4.0	162	0.0		16	10	256	0.12	2.58	1.9	Portugal
1626		16:58:22.43	1.21	0.58	38.9206	-7.6842	8.3	4.2	158	0.0		16	9	253	0.09	1.97	1.7	Portugal
1627		19:46:38.59	1.04	0.52	36.5984	-4.6754	9.4	4.8	179	64.2	7.5	21	12	174	0.09	3.22	2.1	Strait of Gibraltar
1628		22:02:31.15	0.32	1.25	42.8663	-1.4096	3.5	2.9	116	0.0		59	37	71	2.90	12.80	5.3	Pyrenees
1629		22:54:17.20	0.59	1.01	42.7859	-1.4608	6.2	3.2	175	23.3	0.7	39	24	194	2.81	7.20	3.9	Pyrenees
1630		23:23:24.34	1.02	0.43	36.7183	-7.3389	9.5	4.2	24	24.5	2.9	18	10	229	0.62	2.34	2.0	Strait of Gibraltar
1631		23:37:33.30	1.22	0.85	42.7558	-1.4704	7.1	4.6	176	6.6	6.4	29	22	193	2.79	6.78	4.1	Pyrenees
1632		23:50:46.30	2.04	0.49	36.6160	-4.3445	14.4	13.0	126	58.0	15.0	7	5	195	0.16	1.56	1.0	Strait of Gibraltar
1633	01 Oct	00:21:38.00	0.33	1.48	42.9078	-1.4335	3.5	2.9	118	0.0		62	36	71	2.93	12.83	5.0	Pyrenees
1634		01:01:24.71	0.67	0.41	39.2446	-8.3751	5.7	4.2	165	21.9	2.1	22	12	136	0.72	3.16	2.3	Portugal
1635		01:01:51.28	1.17	0.36	36.9716	-1.8757	13.6	3.7	148	0.0		9	6	216	0.27	2.14	1.6	Western Mediterranean Sea
1636		01:13:49.39	6.99	1.04	-19.2704	-17.45019	47.2	19.6	9	142.3	58.4	24	24	108	59.78	163.65	6.4	Tonga Islands
1637		04:58:43.68	0.99	0.64	37.2854	-3.2854	4.7	3.7	11	11.4	4.1	14	9	131	0.65	1.70	2.0	Spain
1638		10:16:28.34	1.59	1.32	36.5722	1.7462	14.9	6.0	145	0.0		12	6	261	2.42	4.33	3.3	Northern Algeria
1639		10:34:53.94	2.45	0.54	48.2198	148.2198	64.9	15.1	7	153.0	20.3	9	8	164	22.43	145.68	6.0	New Britain Region, P.N.G
1640		11:05:38.64	2.50	1.70	36.7484	26.5686	20.0	13.0	47	147.2	22.3	24	23	180	11.60	61.38	4.9	Dodecanese Islands, Greece
1641		21:05:25.10	0.43	0.72	37.2988	-7.9279	3.8	3.1	125	0.0		22	11	87	0.06	2.14	2.1	Portugal
1642	02 Oct	23:14:34.14	1.19	0.54	36.0859	-3.9697	8.0	4.0	0	2.9	4.6	21	11	249	0.77	4.00	2.4	Strait of Gibraltar
1643		01:52:34.32	0.80	1.33	42.8344	-1.4404	8.5	4.8	172	0.0		18	10	196	2.86	6.31	3.9	Pyrenees
1644		02:07:25.22	2.06	1.09	42.8250	-1.4895	9.0	5.4	163	0.0		18	13	196	6.28	2.84	4.0	Pyrenees
1645		03:15:43.51	2.06	1.04	40.5193	-3.2466	19.4	10.6	177	24.8	2.0	9	6	273	0.21	3.47	2.7	Spain
1646		08:21:47.74	2.54	0.04	37.0228	-3.6420	14.2	6.7	104	15.8	16.5	6	3	226	0.16	0.62	3.6	Spain
1647		18:18:09.76	0.41	1.03	35.1109	-3.9243	3.7	3.1	146	0.0		39	21	135	0.82	5.02	3.6	Strait of Gibraltar
1648	03 Oct	08:11:02.02	0.67	0.50	37.8522	-3.2445	5.5	4.4	126	0.0		6	6	134	0.66	1.73	2.1	Spain
1649		09:31:37.87	2.56	1.00	33.1313	141.1010	51.9	12.4	100	103.6	22.3	11	9	222	37.79	90.87	5.8	Off East. Coast of Honshu,
1650		11:10:41.29	0.68	0.19	37.1607	-4.0064	11.8	4.8	51	4.6	9.2	6	4	157	0.10	1.45	1.4	Spain

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaij	Simin	Az	Depth	ERR	Ndef	Mstra	GAP	mdist	Mdist	Mag	Z.Geo.
1651		13:23:09.03	4.76	0.67	69.0362	-29.5030	85.4	39.7	144	199.4	108.3	13	13	174	4.62	40.24	5.8	Eastern Greenland
1652		14:31:15.65	2.03	0.45	37.0617	-8.7827	17.6	10.0	20	23.4	7.5	8	5	258	0.08	1.59	1.7	Portugal
1653		20:17:08.52	0.68	0.95	33.7488	-3.8391	6.5	3.6	124	0.0	9.9	34	19	201	1.10	5.94	3.5	Morocco
1654		21:33:17.02	1.36	0.65	36.5344	-7.6514	11.3	6.8	29	24.3	9.9	16	10	226	0.74	2.35	2.3	Strait of Gibraltar
1655		21:50:32.48	0.90	0.63	36.6099	-3.3197	7.9	3.3	174	0.0	9.9	13	7	200	0.36	1.17	1.8	Strait of Gibraltar
1656		22:36:51.77	1.10	1.05	39.2049	-0.4847	7.9	5.1	124	8.9	9.9	12	7	120	0.54	2.61	2.5	Spain
1657	04 Oct	01:18:44.15	0.86	0.65	36.6143	-3.3175	7.2	3.2	175	0.0	4.4	15	8	200	0.35	1.85	1.8	Strait of Gibraltar
1658		02:40:46.77	0.55	0.84	38.1690	-8.7386	5.4	3.3	79	5.3	4.4	25	13	147	0.67	3.54	2.5	Portugal
1659		02:51:40.05	0.48	0.59	37.3506	-7.9139	4.4	3.1	128	0.0	4.4	16	9	120	0.11	1.57	1.5	Portugal
1660		04:49:06.21	1.66	0.26	37.7474	-4.0641	17.2	4.6	63	0.0	4.2	6	3	227	0.58	1.12	3.4	Spain
1661		04:54:08.03	0.93	0.52	36.4077	-9.8191	8.5	3.8	89	41.9	45.9	35	18	211	1.08	6.47	3.4	West of Gibraltar
1662		07:05:43.40	0.56	0.68	37.9190	-3.2512	3.6	2.6	1	3.6	4.1	38	19	73	0.73	3.54	3.1	Spain
1663		07:55:40.83	0.93	0.60	36.5612	-7.5034	8.1	3.4	27	24.3	7.9	31	16	209	0.76	3.13	2.6	Strait of Gibraltar
1664		12:10:37.93	0.84	0.46	36.3146	-7.7965	9.3	3.8	33	38.0	17.3	33	18	213	0.93	3.17	2.8	Strait of Gibraltar
1665		15:48:36.10	0.95	1.04	35.4456	-3.6577	4.9	4.2	156	10.3	8.1	28	15	108	0.59	3.84	2.7	Strait of Gibraltar
1666		21:19:14.15	0.71	1.01	36.5190	-2.5118	4.1	3.1	135	10.0	5.2	27	14	148	0.48	2.79	2.6	Strait of Gibraltar
1667	05 Oct	00:26:57.00	2.53	0.23	36.7091	-2.5531	37.8	6.8	175	24.5	13.9	6	3	234	0.33	0.88	2.7	Strait of Gibraltar
1668		05:03:53.04	0.55	0.86	37.9057	-3.2419	4.0	2.2	172	0.9	4.2	38	21	118	0.72	4.86	2.7	Spain
1669		09:42:12.27	0.59	0.47	37.1970	-3.7031	5.4	4.1	26	0.0	10.1	8	4	123	0.21	1.19	1.2	Spain
1670		12:55:14.91	0.41	0.60	37.7595	-6.6049	4.2	2.8	179	0.0	4.2	19	10	98	0.05	1.65	2.1	Spain
1671		12:56:26.65	0.41	0.60	37.7344	-6.6177	3.6	2.8	14	0.0	4.5	21	11	100	0.05	1.67	2.0	Spain
1672		12:59:48.33	1.21	0.47	36.6474	-7.4034	13.3	4.5	31	21.8	4.2	17	9	245	0.73	2.71	2.3	Strait of Gibraltar
1673		13:44:32.46	0.48	0.52	38.4286	-6.5027	5.3	3.1	15	0.0	10.1	16	9	149	0.49	1.54	2.0	Spain
1674		15:19:28.95	0.82	0.94	36.7261	-5.3022	13.2	4.5	6	15.9	0.0	11	6	177	0.46	2.00	2.0	Strait of Gibraltar
1675	06 Oct	00:30:12.05	0.94	0.63	37.9918	-3.2555	9.4	5.5	159	0.0	4.5	5	4	154	1.06	1.71	1.6	Spain
1676		04:25:25.17	10.10	0.85	35.0309	-36.5289	190.2	106.1	25	0.0	10.8	8	8	348	23.06	24.24	4.3	Northern Mid Atlantic Rid
1677		05:54:45.26	1.73	0.44	54.7842	-160.2848	93.9	18.8	136	0.0	107.8	38	38	232	46.74	86.61	6.1	Alaska Peninsula
1678		10:11:10.26	12.61	3.49	-19.6925	-177.2835	74.9	38.3	157	304.9	4.5	14	14	202	57.15	158.83	6.5	Fiji Islands Region
1679		12:17:44.05	0.32	0.66	36.6440	-4.3746	2.7	2.1	7	88.9	4.5	70	36	52	0.13	6.19	3.8	Strait of Gibraltar
1680		13:00:05.21	0.74	0.27	37.7292	-6.5811	6.3	3.8	165	0.0	11.4	12	6	186	0.08	1.16	2.3	Spain
1681		16:34:05.23	0.72	0.60	37.1820	-2.2681	18.6	5.6	158	24.2	11.4	10	7	116	0.22	2.66	1.7	Spain
1682		18:11:03.32	0.90	0.39	37.8703	-3.2723	6.2	4.8	26	2.9	8.7	13	7	133	0.68	1.71	1.7	Spain
1683		21:20:10.43	0.71	0.51	36.9953	-5.1906	8.1	4.3	76	0.0	9.0	7	4	119	0.55	1.27	1.6	Strait of Gibraltar
1684		21:38:09.51	0.57	0.48	37.8553	-5.9116	6.8	3.3	176	0.0	10.3	13	7	104	0.45	1.29	1.7	Spain
1685	07 Oct	00:33:55.95	1.01	0.63	36.6376	-7.5137	6.0	3.3	40	28.2	10.3	31	18	148	0.69	5.14	2.7	Strait of Gibraltar
1686		02:17:21.67	1.94	0.24	37.8704	-3.2634	15.0	5.5	166	8.6	17.6	10	5	133	0.68	1.72	1.6	Spain
1687		07:40:14.56	0.95	0.95	42.8772	0.1035	12.5	5.7	177	0.0	10.9	9	6	198	2.10	6.38	3.6	Pyrenees
1688		10:55:45.03	1.36	0.23	37.1293	-8.0147	12.7	5.1	153	14.1	10.9	8	4	224	0.13	0.65	1.5	Portugal
1689		11:13:00.65	1.56	0.41	36.4726	-7.4225	10.3	5.8	4	17.2	6.7	13	7	228	0.87	2.26	2.2	Strait of Gibraltar
1690		12:59:33.80	0.44	0.53	37.7431	-6.6176	3.8	2.7	15	0.3	4.2	24	12	99	0.05	2.42	2.2	Spain
1691		13:21:25.90	0.35	0.77	35.7648	-3.6917	2.8	2.6	3	63.8	7.8	56	30	78	0.34	5.18	3.3	Strait of Gibraltar
1692		16:51:44.49	2.17	0.24	36.9171	-8.7536	19.9	19.3	59	26.1	12.8	8	4	281	0.22	1.19	1.8	West of Gibraltar
1693		17:06:34.29	1.82	0.47	36.4077	-7.7676	12.2	8.9	173	13.1	9.5	12	7	263	0.84	2.51	2.1	Strait of Gibraltar
1694		22:58:35.62	1.31	0.61	37.0648	-13.5305	16.2	10.0	165	0.0	5.5	23	12	327	3.76	7.04	3.7	Cape St. Vincent R
1695	08 Oct	02:15:29.26	1.05	0.62	37.0607	-8.6162	12.3	6.6	179	24.3	5.5	15	9	221	0.18	2.74	2.1	Portugal
1696		07:35:35.40	7.41	1.52	-6.0304	146.0384	46.4	37.7	3	130.0	59.0	13	13	130	20.38	136.14	6.5	Eastern New Guinea Reg.
1697		07:46:02.53	1.07	0.49	37.0769	-8.3863	11.4	4.1	168	5.3	5.6	11	7	213	0.36	1.53	1.7	Portugal
1698		12:46:15.47	0.47	0.67	37.7342	-6.6147	4.1	2.9	177	0.0	10.4	19	11	100	0.67	1.67	2.0	Spain
1699		16:54:21.70	1.25	0.63	36.7062	-7.4939	15.5	5.5	34	23.5	10.4	17	9	244	0.64	2.14	2.3	Strait of Gibraltar
1700		18:24:53.82	0.40	0.76	37.5701	-7.9525	3.3	3.1	156	0.0	10.4	22	11	81	0.09	2.07	1.9	Portugal
1701	09 Oct	23:42:07.06	2.32	0.35	36.8499	-10.6013	27.7	12.4	54	37.2	48.1	15	10	297	1.45	4.30	2.8	Cape St. Vincent R
1702		01:07:17.69	1.16	0.89	35.4468	-3.6353	6.0	4.4	99	11.9	10.1	20	10	108	0.57	2.29	2.1	Strait of Gibraltar
1703		06:07:32.22	0.63	0.49	38.3750	-8.7396	4.9	4.0	109	21.6	4.0	18	10	140	0.57	1.74	2.0	Portugal
1704		06:55:13.14	1.11	0.45	35.3927	-3.7570	13.0	6.9	157	22.2	17.0	14	8	193	0.66	1.66	2.2	Strait of Gibraltar
1705		12:56:28.44	1.01	0.35	37.7751	-3.3053	10.9	5.5	170	20.7	6.6	7	4	138	0.94	1.70	1.7	Spain

**SISMOS DETECTADOS EN EL AÑO 2020**

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
1706		13:34:32.65	2.36	0.32	36.8265	-7.2351	18.4	9.5	11	36.6	38.1	8	6	258	0.70	1.91	2.0	Strait of Gibraltar
1707		19:17:08.86	0.57	0.55	37.4848	-7.5901	6.6	3.6	158	13.7	4.4	15	9	158	0.10	1.82	1.5	Portugal
1708	10 Oct	00:10:21.23	1.10	0.58	37.1450	-14.1909	25.7	6.9	94	13.8	22.8	31	17	272	4.27	9.12	3.9	Azores Cape St. Vincent R
1709		04:22:58.24	1.56	0.47	42.9642	0.1777	21.8	7.2	29	5.1	19.0	14	9	246	3.48	6.88	3.8	Pyrenees
1710		07:12:36.34	1.53	0.93	35.5438	-0.1260	22.2	6.1	156	19.4	19.8	15	8	258	2.16	4.82	2.8	Northern Algeria
1711		13:10:23.37	0.57	0.47	37.7812	-6.7539	4.4	3.6	165	0.0	31.0	13	9	138	0.07	1.27	1.5	Spain
1712		15:52:50.38	1.94	0.81	36.5259	3.0913	35.6	7.7	150	23.9	7.4	11	6	274	2.85	4.43	3.3	Northern Algeria
1713		20:34:30.98	1.53	0.96	43.3676	-16.4573	17.7	11.8	24	0.0	327	17	12	327	6.98	10.40	4.7	North Atlantic Ocean
1714		21:50:19.68	1.59	0.84	36.9199	-5.3956	18.1	6.8	44	11.2	7.4	7	4	233	0.61	1.40	1.4	Strait of Gibraltar
1715		21:54:31.92	1.30	0.47	36.9324	-5.3421	14.2	6.7	43	10.2	8.6	8	5	179	0.59	1.37	1.7	Strait of Gibraltar
1716		22:48:19.55	1.10	0.36	36.7653	-7.4827	9.8	5.5	32	27.5	7.4	19	11	238	2.61	2.61	2.1	Strait of Gibraltar
1717		23:14:24.87	1.49	0.29	37.7904	-3.3313	8.2	6.2	177	25.0	15.6	7	5	130	0.59	1.64	1.6	Spain
1718	11 Oct	23:47:43.70	1.28	0.31	37.5205	-4.2636	11.9	4.4	53	18.0	31.4	8	5	138	0.43	1.07	1.3	Spain
1719		01:20:19.54	1.27	0.63	37.1754	-10.0553	11.9	6.6	44	22.1	2.1	28	12	286	0.98	4.46	2.7	Azores Cape St. Vincent R
1720		01:58:10.89	1.61	0.33	36.5571	-4.5238	11.5	8.2	3	64.8	9.8	12	6	205	0.20	1.67	1.2	Strait of Gibraltar
1721		04:34:25.14	1.43	0.51	36.4361	-7.9520	11.0	5.9	27	20.8	9.9	14	8	239	0.81	2.09	2.2	Strait of Gibraltar
1722		04:44:24.24	1.15	0.44	36.8912	-14.2946	20.2	7.8	98	20.9	26.1	25	13	287	4.38	8.35	3.9	Azores Cape St. Vincent R
1723		13:19:59.13	4.36	0.55	36.9713	-8.4999	42.4	15.2	13	22.8	30.1	5	4	242	0.31	0.99	1.5	West of Gibraltar
1724		17:03:14.56	0.60	0.55	37.8808	-3.2392	5.5	4.6	138	0.0	10.0	12	7	134	0.69	1.73	1.7	Spain
1725		02:36:55.52	0.98	0.74	35.4355	-4.8677	4.6	3.0	111	29.3	10.0	35	18	132	1.13	6.66	3.3	Strait of Gibraltar
1726	12 Oct	02:51:40.92	0.31	1.10	37.9572	-3.3448	3.1	2.5	15	0.0	23.1	39	21	75	0.75	3.46	2.6	Spain
1727		04:11:28.40	4.49	0.63	35.6740	26.2317	40.0	18.4	138	13.6	23.1	15	14	291	1.16	28.30	5.4	Crete, Greece
1728		04:22:55.43	0.74	0.39	37.9716	-3.3080	4.9	3.6	10	5.1	6.0	20	11	142	0.77	1.87	2.1	Spain
1729		21:44:27.53	0.38	0.73	36.9634	-3.8066	3.9	2.3	30	2.0	3.5	34	19	107	0.17	4.02	2.6	Strait of Gibraltar
1730		23:57:43.04	0.27	0.94	36.9214	-4.9813	3.8	2.1	14	0.0	4.0	40	25	42	0.39	3.22	2.9	Strait of Gibraltar
1731	13 Oct	02:12:11.68	1.03	0.82	36.8983	-5.1281	8.4	4.0	60	0.0	3.3	10	5	209	0.44	1.34	1.7	Strait of Gibraltar
1732		02:20:29.74	0.46	0.76	37.9724	-3.3312	2.9	2.4	0	4.7	7.9	41	23	75	0.77	3.74	2.5	Spain
1733		03:01:27.31	0.67	0.69	37.9738	-3.3204	3.9	3.1	171	2.2	4.6	28	16	75	0.77	3.47	2.2	Spain
1734		03:39:20.03	1.68	0.46	36.4593	-7.9399	11.5	7.7	11	18.7	6.7	14	8	263	0.78	2.58	2.2	Strait of Gibraltar
1735		05:00:57.23	0.79	0.49	38.0015	-3.2595	5.7	4.0	10	4.4	7.9	16	9	144	0.81	1.84	2.0	Spain
1736		09:30:04.95	8.42	0.82	13.9168	57.0117	23.6	11.7	38	138.3	79.5	14	14	115	24.80	78.46	5.2	Owen Fracture Zone Region
1737		21:02:58.23	0.30	0.87	37.9711	-3.3199	3.0	2.5	1	0.0	3.0	37	20	75	0.77	3.73	2.4	Spain
1738		21:15:34.14	1.38	0.72	38.8412	-9.5571	10.6	7.6	129	4.5	5.8	19	11	281	0.24	3.96	2.4	Portugal
1739	14 Oct	12:19:53.89	3.15	0.31	36.4577	-4.5633	19.6	10.8	9	68.9	17.8	6	4	241	0.20	1.75	1.4	Strait of Gibraltar
1740		13:19:53.76	0.63	0.66	37.7933	-3.2321	6.1	5.1	178	0.0	8.8	8	5	127	0.61	1.75	2.0	Spain
1741		22:01:46.28	0.69	0.74	37.8637	-3.2287	5.5	4.5	128	0.0	4.8	8	6	135	0.68	1.74	3.2	Spain
1742	15 Oct	10:58:19.77	0.50	0.97	36.5952	-5.4519	6.6	2.5	1	6.9	2.2	39	23	83	0.42	3.84	3.2	Strait of Gibraltar
1743		12:45:13.11	0.62	1.18	37.7925	-6.5889	4.0	3.1	50	11.9	6.5	20	12	100	0.08	1.86	2.1	Spain
1744		18:30:27.58	0.89	0.71	37.0986	-9.3934	7.5	4.5	20	29.9	6.5	36	18	228	0.45	5.25	3.2	Portugal
1745		23:19:17.29	1.19	2.63	35.7738	-4.6600	5.4	4.4	170	26.0	10.5	28	17	138	0.79	3.87	2.8	Strait of Gibraltar
1746	16 Oct	00:20:31.89	0.53	0.67	36.4610	-3.1823	4.8	3.7	60	3.4	22.2	14	8	110	0.50	1.29	1.7	Strait of Gibraltar
1747		00:58:51.77	0.42	0.90	36.6490	-5.4167	2.5	1.8	5	9.3	3.0	72	39	52	0.42	10.42	4.5	Strait of Gibraltar
1748		05:46:02.07	0.84	0.75	37.9003	-3.2722	7.4	6.0	20	0.0	8.8	8	5	135	1.03	1.70	1.9	Spain
1749		07:08:27.13	0.64	1.45	35.1255	-4.7311	9.9	4.8	100	0.0	10.0	10	6	157	0.44	3.04	2.0	Strait of Gibraltar
1750		13:40:37.59	0.47	0.60	37.7415	-6.5963	4.1	3.0	19	0.0	11.2	19	11	91	0.07	1.65	2.1	Spain
1751		20:39:18.28	0.89	0.53	35.4511	-3.6791	9.1	6.3	149	17.7	11.2	16	9	184	0.61	1.69	1.9	Strait of Gibraltar
1752	17 Oct	20:41:58.50	0.55	0.62	36.6928	-7.1369	5.4	2.9	28	34.9	3.4	38	22	136	0.52	5.25	2.6	Strait of Gibraltar
1753		02:53:40.35	0.65	0.64	37.3519	-8.5590	7.2	3.8	141	0.0	3.4	11	6	155	0.31	1.46	1.3	Portugal
1754		05:06:58.73	0.39	0.49	37.7969	-6.7519	3.5	2.7	26	0.0	17.8	28	10	97	0.07	1.26	1.7	Spain
1755	18 Oct	03:27:32.04	0.64	0.68	36.6360	-7.9954	7.1	4.2	51	34.3	17.8	28	16	135	0.61	3.52	2.2	Strait of Gibraltar
1756		06:58:33.48	8.82	0.49	-3.8232	-81.8760	62.4	20.3	76	38.7	75.9	19	19	219	20.42	91.61	5.6	Strait of Gibraltar
1757		10:26:03.77	1.08	0.35	38.1213	-9.1999	9.5	5.2	59	13.4	6.5	16	9	237	0.84	3.64	1.9	Near Coast of Northern Pe
1758		19:24:30.14	1.23	0.62	35.5694	-3.6509	14.5	3.8	46	0.0	5.3	7	4	202	0.62	1.35	2.4	Portugal
1759		23:23:21.44	0.44	0.69	37.0922	-3.5805	4.1	3.4	8	0.0	5.3	14	9	80	0.16	1.76	1.5	Spain
1760	19 Oct	00:07:22.78	0.52	1.03	37.3598	-8.3444	7.0	4.0	161	16.2	5.3	19	10	130	0.35	1.76	2.0	Portugal

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
1761		02:29:50.83	0.31	1.11	37.1804	-3.7693	3.8	2.3	178	0.0		28	15	82	0.26	2.38	2.1	Spain
1762		05:21:36.89	0.39	0.48	37.7832	-6.7526	3.7	2.7	4	0.0		21	11	98	0.07	1.76	2.0	Spain
1763		05:44:08.93	1.50	0.32	36.7649	-9.7745	19.4	9.4	39	25.1	14.7	16	14	290	0.84	6.51	3.9	West of Gibraltar
1764		06:24:52.31	0.81	0.60	37.8836	-3.2393	3.7	2.7	176	7.4	5.2	34	19	117	0.70	3.78	2.7	Spain
1765		07:31:35.55	2.95	1.24	-3.2006	100.6793	30.8	11.0	15	60.7	27.7	10	10	138	3.52	92.42	6.0	Southern Sumatra, Indonesia
1766		12:50:13.39	0.54	0.42	37.7097	-6.5973	4.5	3.1	169	0.0		19	10	173	0.08	1.66	2.2	Spain
1767		13:10:38.53	3.12	0.05	37.0983	-3.5433	10.2	6.8	98	9.9	32.2	15	3	158	0.13	0.45	3.6	Spain
1768		20:18:45.09	1.68	0.58	42.5071	-8.0656	26.4	9.1	13	14.2	17.5	15	8	284	1.14	5.09	3.6	Spain
1769	20 Oct	20:54:58.75	8.08	1.42	54.5041	-161.4419	80.0	24.2	146	220.7	65.1	24	24	254	47.24	98.81	6.9	Alaska Peninsula
1770		01:32:39.32	0.57	0.48	35.7420	-4.6937	4.5	3.3	99	66.6	13.0	35	20	138	0.58	5.26	3.0	Strait of Gibraltar
1771		02:22:40.35	0.72	0.70	36.8161	-3.7512	8.3	3.3	159	8.9	7.3	13	7	170	0.11	1.50	1.6	Strait of Gibraltar
1772		03:13:42.05	1.59	0.87	42.9600	-1.4145	18.7	4.9	28	22.1	1.5	12	8	236	3.38	6.21	3.6	Pyrenees
1773		06:34:12.55	1.19	0.40	37.8646	-3.2756	8.5	5.3	23	16.7	9.7	13	8	132	0.67	1.71	2.0	Spain
1774		12:45:50.32	0.51	0.49	37.7673	-6.5755	5.0	3.5	7	0.6	9.3	15	10	97	0.08	1.63	2.2	Spain
1775		13:43:15.46	0.71	0.79	63.8866	-22.2113	31.4	10.2	58	0.0		19	19	175	10.55	34.31	5.5	Iceland Region
1776		18:02:36.72	0.59	0.20	37.2024	-3.7854	5.5	4.1	27	0.0		8	4	122	0.27	1.15	1.2	Spain
1777		21:06:25.94	0.50	0.84	37.2340	-2.2237	10.4	3.9	149	29.5	7.5	14	9	107	0.26	2.67	2.0	Spain
1778		22:36:50.91	2.12	0.52	36.7842	-11.1196	30.6	11.3	57	38.3	66.5	22	11	306	1.87	5.38	3.4	Azores Cape St. Vincent R
1779	21 Oct	00:14:42.88	0.67	0.78	36.3353	-3.4966	4.9	4.0	179	0.0		8	6	126	0.74	1.22	1.9	Strait of Gibraltar
1780		00:23:01.69	9.21	1.33	-19.4144	-172.9072	62.9	25.1	9	234.5	80.6	11	11	120	61.28	156.51	6.0	Tonga Islands Region
1781		04:35:57.56	1.17	0.63	36.6645	-7.4819	9.1	5.4	11	28.9	9.3	16	10	213	0.68	2.76	2.3	Strait of Gibraltar
1782		08:15:55.26	1.35	0.60	35.5515	-6.8129	5.5	4.7	80	26.5	12.0	20	11	130	1.53	4.63	3.2	Strait of Gibraltar
1783		09:13:07.50	3.66	1.44	-25.4051	-70.9930	48.5	10.5	105	21.1	19.4	14	12	327	0.96	88.02	6.1	Near Coast of Northern Ch
1784		14:38:41.30	1.26	0.48	36.6033	-9.8241	10.1	8.1	24	16.4	6.5	11	41	141	0.42	4.46	3.1	West of Gibraltar
1785		18:30:18.80	0.66	0.40	38.6517	-8.0444	4.6	3.9	125	0.0		11	8	130	0.26	2.05	2.0	Portugal
1786		23:00:37.28	0.83	1.21	36.8434	-2.1164	19.9	9.9	121	0.0	52.3	34	22	232	2.73	20.59	5.0	Southern Greece
1787	22 Oct	10:42:35.06	1.14	0.64	40.2000	9.3823	8.7	4.5	32	40.0		15	15	160	0.31	6.50	4.1	Portugal
1788		12:36:33.53	0.46	0.67	37.7443	-6.5966	4.1	2.9	170	0.0		12	12	99	0.06	1.88	2.1	Spain
1789		15:08:10.32	0.80	0.64	37.8229	-5.1436	6.3	4.7	149	0.0		7	5	158	0.33	1.74	1.5	Spain
1790		18:37:26.67	2.97	0.26	38.1300	-1.1183	36.0	5.0	83	0.0		5	3	231	0.30	0.65	1.7	Spain
1791		19:13:52.36	1.39	0.75	36.9278	-5.3455	16.1	6.0	47	11.7	7.3	9	5	229	0.59	1.38	1.7	Strait of Gibraltar
1792		20:39:57.71	0.74	0.47	35.7525	-4.6717	4.8	3.9	64	70.4	19.1	29	16	108	0.81	3.53	2.6	Strait of Gibraltar
1793		22:39:55.06	1.22	0.49	38.3701	-8.0816	12.5	4.6	115	20.7	9.3	10	7	200	0.17	1.13	1.4	Portugal
1794		23:37:56.28	0.44	0.64	38.3563	-8.0365	4.0	3.0	86	6.1	6.8	20	11	94	0.17	2.08	2.0	Portugal
1795	23 Oct	00:03:10.95	0.87	0.37	38.8423	-9.2679	13.9	6.1	129	22.0	8.6	21	11	185	0.11	3.74	2.4	Portugal
1796		00:56:49.61	0.79	0.43	40.0700	-3.6185	11.1	6.0	164	14.8	10.2	10	5	165	0.37	2.94	2.6	Spain
1797		03:55:39.59	1.81	1.03	36.1585	-7.9205	21.7	6.8	18	30.0	33.0	13	8	257	1.08	2.77	2.4	Strait of Gibraltar
1798		06:24:00.23	0.42	0.58	37.5775	-7.9599	3.4	3.1	137	0.0		20	10	79	0.08	2.07	1.9	Portugal
1799		06:42:42.24	1.09	0.62	36.2822	-8.2450	6.2	4.0	72	18.4	9.1	29	15	160	0.97	5.41	2.8	West of Gibraltar
1800		07:54:52.99	0.56	0.32	37.4158	-3.9506	7.0	4.4	51	31.8	8.1	11	7	150	0.33	1.44	1.5	Spain
1801		13:15:18.22	0.42	0.63	37.7310	-6.6021	3.7	2.8	113	0.0		33	17	221	1.62	7.00	3.4	Spain
1802		16:22:12.56	0.84	1.30	35.9874	-10.2496	8.5	4.1	96	0.0		30	17	221	0.67	7.00	3.4	Spain
1803	24 Oct	03:54:20.48	2.49	0.70	37.0291	-13.3337	21.8	15.0	12	0.0		12	9	330	3.61	5.29	3.3	Azores Cape St. Vincent R
1804		08:00:07.31	0.85	0.79	34.8433	-3.8904	7.1	4.1	128	0.8	6.8	25	15	159	0.90	4.64	2.8	Morocco
1805		11:14:22.02	2.05	0.50	39.6940	-1.4502	24.4	8.8	126	16.4	25.1	5	5	221	0.39	3.49	2.4	Spain
1806		12:16:24.67	0.72	0.72	36.8176	-5.5738	9.1	4.0	18	0.5	7.5	14	9	171	0.23	1.79	2.3	Spain
1807		20:57:31.01	2.40	0.22	37.9242	-3.2636	15.8	7.6	79	1.3	28.3	7	4	137	1.05	1.53	1.8	Strait of Gibraltar
1808		21:58:53.12	0.97	0.31	37.3776	-8.5992	11.9	4.1	152	3.0	10.5	8	6	139	0.32	1.44	1.3	Portugal
1809		23:14:36.13	1.23	0.39	36.9441	-5.0244	14.8	5.0	52	0.0		5	4	192	0.61	1.17	1.5	Strait of Gibraltar
1810		23:29:42.21	1.54	0.29	37.8458	-3.9210	14.5	4.0	54	0.0		7	4	224	0.61	1.21	1.7	Spain
1811	25 Oct	00:56:05.95	0.77	0.31	40.0277	-3.6757	7.4	3.8	140	0.0		7	6	164	0.43	2.88	2.5	Spain
1812		01:31:18.00	1.79	0.41	37.8406	-3.9264	16.7	4.2	57	0.8	22.9	7	5	152	0.61	2.88	2.5	Spain
1813		03:00:59.05	0.61	0.73	37.9114	-3.8484	3.6	3.0	20	12.5	4.8	29	15	76	0.63	2.63	1.7	Spain
1814		03:17:00.36	1.93	0.12	37.8437	-3.9419	17.2	4.3	57	0.0		5	4	222	0.60	1.19	1.6	Spain
1815		07:34:27.41	0.67	0.88	36.0179	-4.5823	6.0	3.9	106	98.3	7.5	24	14	133	0.57	5.55	2.3	Strait of Gibraltar



SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
1816		09:32:30.25	0.99	0.75	35.3941	-3.7047	9.0	6.2	156	12.8	11.8	19	11	192	0.62	3.01	2.4	Strait of Gibraltar
1817		11:47:40.52	9.08	1.72	-16.5628	-173.8591	61.0	20.6	12	60.9	76.0	15	15	124	60.44	154.98	5.8	Tonga Islands
1818		12:14:34.85	0.60	0.58	37.9254	-3.8601	3.4	2.5	22	16.6	4.4	36	20	77	0.62	3.33	2.7	Spain
1819		14:34:17.02	1.51	0.66	40.6480	-16.5798	15.6	10.7	25	0.0	0.0	20	12	319	5.87	9.02	4.7	North Atlantic Ocean
1820		21:25:49.75	0.74	0.39	37.1943	-4.1311	9.8	4.6	79	0.0	0.0	6	5	148	0.09	1.35	1.7	Spain
1821		22:12:16.90	1.18	1.18	36.8980	-7.1998	11.0	5.5	14	24.2	8.2	18	9	242	2.44	2.44	2.5	Strait of Gibraltar
1822	26 Oct	02:15:35.23	1.07	0.30	36.9515	-3.2631	33.2	4.0	4	22.9	18.5	7	5	154	0.30	1.60	1.3	Strait of Gibraltar
1823		03:49:56.70	0.48	1.03	36.9397	-5.2452	5.6	3.8	6	18.4	5.7	16	6	127	0.49	2.17	2.5	Strait of Gibraltar
1824		04:27:00.49	0.77	0.42	36.9367	-5.1428	13.5	4.7	5	17.6	15.8	11	6	121	0.48	1.47	2.2	Strait of Gibraltar
1825		11:32:23.05	2.28	0.06	35.4174	-3.6191	21.4	12.4	110	22.9	27.6	5	4	220	0.55	1.48	2.6	Strait of Gibraltar
1826		12:15:18.92	0.47	0.63	36.6233	-4.5851	3.9	3.2	10	75.0	5.5	39	22	55	0.16	3.44	2.8	Strait of Gibraltar
1827		12:40:26.06	1.21	0.67	35.4247	-3.6808	11.6	7.5	147	16.7	13.9	9	6	189	0.61	1.60	2.3	Strait of Gibraltar
1828		21:35:20.78	11.48	0.83	32.0212	55.8438	92.5	21.3	75	294.6	109.4	7	7	259	25.92	48.93	4.8	Strait of Gibraltar
1829	27 Oct	12:54:51.74	1.13	0.74	38.3816	-9.6340	27.9	6.0	113	21.3	22.5	22	12	232	0.64	3.33	2.6	Northern and Central Iran
1830		13:52:28.67	0.50	0.72	37.7553	-6.6123	4.3	3.3	174	0.0	0.0	19	11	98	0.05	1.66	2.1	Spain
1831		17:59:56.56	0.41	0.75	37.8942	-3.2603	3.6	2.9	178	0.0	0.0	20	11	120	0.70	2.47	2.3	Spain
1832		18:12:39.91	0.61	0.26	36.4294	-3.1900	5.5	3.8	65	0.0	0.0	6	6	148	0.51	1.00	2.0	Spain
1833		20:48:31.43	0.92	0.61	36.2630	-6.7623	7.9	3.2	19	3.4	5.0	35	18	237	0.49	4.78	2.8	Strait of Gibraltar
1834	28 Oct	06:05:37.24	1.05	1.17	37.0459	3.6772	9.8	4.7	135	0.0	0.0	26	15	259	2.70	6.80	3.9	Strait of Gibraltar
1835		07:21:01.93	0.62	0.40	36.5135	-2.8881	5.3	4.0	95	0.0	0.0	10	5	141	0.38	0.82	1.9	Western Mediterranean Sea
1836		10:45:53.74	1.37	0.28	36.7666	-4.4613	10.6	7.3	171	55.7	10.2	10	6	131	0.03	2.98	1.5	Strait of Gibraltar
1837		14:16:06.99	0.39	0.50	37.7543	-6.6057	3.5	2.7	7	0.0	0.0	24	12	98	0.05	1.87	2.4	Spain
1838		14:53:04.63	3.33	0.25	-28.8704	-73.4539	112.3	17.1	124	37.1	26.9	17	16	333	5.03	91.96	6.4	Off Coast of Central Chile
1839		17:14:51.40	0.64	0.62	37.8830	-3.8379	5.2	3.5	38	17.8	4.7	17	9	130	0.65	2.25	2.4	Spain
1840		23:38:19.34	2.02	0.50	35.7851	-9.7331	33.4	15.1	138	0.0	0.0	10	5	342	2.06	4.76	3.6	West of Gibraltar
1841	29 Oct	05:40:28.77	0.73	0.33	38.1860	-1.2211	13.3	4.1	73	4.7	9.5	9	5	155	0.34	2.64	2.0	Spain
1842		06:30:47.02	0.94	1.02	42.8808	0.1935	10.1	4.8	177	0.0	0.0	10	7	199	2.03	6.43	3.8	Pyrenees
1843		07:35:32.24	0.71	0.77	35.6325	-8.9788	8.6	2.7	69	31.7	16.6	36	10	205	1.50	4.73	3.5	West of Gibraltar
1844		14:47:46.71	0.39	0.48	37.7917	-6.7459	3.5	2.7	24	0.0	0.0	20	10	98	0.06	1.26	2.3	Spain
1845		22:33:09.42	0.56	0.78	36.6592	-7.5576	4.9	4.0	33	35.6	11.3	32	17	117	0.66	5.73	3.1	Strait of Gibraltar
1846	30 Oct	01:49:20.80	0.53	0.60	36.9699	-3.7494	5.1	3.1	8	10.8	2.1	14	7	108	1.36	1.98	1.7	Strait of Gibraltar
1847		03:54:45.99	0.64	0.61	37.8774	-3.2182	4.3	3.2	10	12.4	6.2	25	13	74	0.69	2.45	2.2	Spain
1848		07:15:07.32	1.04	0.60	37.5667	-9.0185	7.8	4.5	93	0.0	0.0	15	8	238	1.98	56.40	6.5	Dodecanese Islands, Greece
1849		11:51:25.98	0.70	2.59	37.3587	26.7502	11.5	4.8	21	15.7	4.0	80	43	128	17.74	4.32	3.7	West of Gibraltar
1850		12:03:53.21	1.36	0.36	36.6885	-9.6810	11.2	8.2	36	22.2	9.0	19	13	274	0.82	4.32	3.7	Spain
1851		12:51:08.43	0.48	0.64	37.4047	-4.0556	4.5	3.0	26	27.3	4.7	28	16	85	0.27	2.73	2.8	Spain
1852		14:21:13.93	0.36	0.69	37.1128	-3.7573	3.8	2.6	179	0.0	0.0	22	12	79	0.20	4.05	2.4	Spain
1853		17:07:15.62	0.45	0.94	36.5325	-2.9765	3.8	3.5	155	24.0	2.5	24	15	123	0.37	4.23	2.7	Spain
1854		20:07:47.77	0.59	0.89	35.3811	-3.6000	8.6	4.1	164	27.3	9.4	33	17	191	0.53	3.96	3.0	Strait of Gibraltar
1855		22:56:43.81	6.12	0.78	71.8099	-2.77098	21.2	13.5	66	0.0	48.0	24	24	162	10.86	79.97	5.5	Strait of Gibraltar
1856		23:07:52.62	0.75	0.62	39.9082	-0.5066	7.6	3.6	2	22.8	3.1	18	9	156	0.48	5.17	5.5	Jan Mayen Island Region
1857	31 Oct	00:55:23.01	0.45	0.96	38.2269	-1.1704	3.7	2.7	93	3.5	3.6	38	22	100	0.39	5.45	3.4	Spain
1858		01:09:00.51	0.61	0.66	38.2043	-1.3023	14.5	3.3	79	0.0	0.0	8	4	164	0.36	1.41	1.6	Spain
1859		01:28:27.37	0.90	0.04	38.1900	-1.3087	45.8	4.1	71	1.7	25.2	6	4	166	0.35	1.42	1.2	Spain
1860		04:50:12.67	0.64	0.71	37.8544	-3.2478	5.3	4.3	22	0.0	0.0	8	7	131	0.67	1.73	1.7	Spain
1861		05:40:43.56	0.98	0.54	37.8600	-3.3019	8.7	3.8	57	15.0	12.6	13	10	132	0.66	1.69	2.0	Spain
1862		16:54:32.99	0.58	0.62	38.1966	-1.2504	6.8	3.4	84	6.1	5.5	17	11	153	0.35	3.29	2.5	Spain
1863		17:43:52.34	2.98	0.50	37.8840	-3.1303	19.6	5.6	70	0.0	0.0	7	5	275	0.72	1.82	1.8	Spain
1864		18:46:24.50	1.20	2.72	38.6880	-8.8936	10.6	5.7	129	10.0	0.0	6	6	205	0.40	9.13	3.6	Portugal
1865		18:47:21.44	1.23	2.72	35.8553	-0.9003	10.6	5.7	129	10.0	0.0	6	6	205	0.40	9.13	3.6	Northern Algeria
1866		20:53:35.84	1.42	0.60	35.5509	-3.6710	15.3	4.1	44	0.0	0.0	23	15	255	1.53	5.67	3.2	Strait of Gibraltar
1867		21:36:32.65	1.19	0.95	36.6360	-11.3597	15.5	4.8	99	62.5	8.7	5	4	206	0.63	1.35	2.2	Strait of Gibraltar
1868		21:49:31.10	1.19	0.26	38.2030	-1.2191	27.0	4.1	71	0.0	0.0	6	3	194	0.36	8.04	3.5	Azores Cape St. Vincent R
1869	01 Nov	02:52:01.95	0.31	0.66	37.5747	-6.7409	3.4	2.4	12	0.0	0.0	32	17	116	0.20	3.86	2.2	Spain
1870		02:55:25.38	0.53	0.56	37.0144	-4.0826	4.9	2.5	171	75.4	7.0	44	24	111	0.10	3.80	2.6	Spain

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Shnaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
1871		03:42:05.18	0.50	0.98	37.3759	-4.0648	5.1	3.5	178	27.1	5.5	23	12	83	0.27	3.09	2.4	Spain
1872		03:43:23.64	2.28	0.63	-7.2528	129.0490	30.5	16.0	106	212.2	15.7	21	21	246	5.34	126.80	6.4	Banda Sea
1873		10:51:06.62	1.31	0.59	36.6567	-7.5074	10.0	5.1	18	22.0	7.0	18	11	214	0.68	2.69	2.3	Strait of Gibraltar
1874		12:50:17.34	0.58	0.61	36.6753	-7.2382	4.4	3.3	31	31.8	13.2	33	17	110	0.80	5.74	2.7	Strait of Gibraltar
1875		18:23:41.74	1.61	0.70	34.8824	-2.7940	11.0	8.5	170	20.0	4.4	36	9	278	0.44	3.21	2.5	Morocco
1876		19:55:37.73	0.70	0.85	37.9923	-0.5154	5.2	3.1	134	4.3	4.2	16	13	169	0.56	3.0	3.0	Spain
1877	02 Nov	02:34:00.54	1.24	0.81	36.7914	-11.0159	9.7	7.5	44	0.0	3.9	30	17	300	1.79	6.12	3.3	Cape St. Vincent R
1878		03:07:18.76	0.67	0.98	38.0105	-0.5212	5.1	3.0	135	5.9	3.9	28	14	167	0.57	3.20	2.8	Spain
1879		06:26:12.72	1.52	0.40	35.9755	-7.5506	27.4	6.1	26	11.0	22.2	19	11	271	1.30	3.23	2.7	Strait of Gibraltar
1880		07:30:35.02	1.61	0.46	35.4047	-3.7247	30.0	6.6	9	11.6	32.9	14	7	224	0.64	1.73	2.3	Strait of Gibraltar
1881		07:52:43.26	1.72	0.69	36.5394	-4.5921	13.7	8.5	30	70.3	11.5	12	6	213	1.67	1.6	1.6	Strait of Gibraltar
1882		21:16:27.08	0.83	0.88	35.4051	-3.6658	14.0	4.3	169	7.0	13.8	30	19	189	0.59	5.39	3.2	Strait of Gibraltar
1883	03 Nov	04:25:08.12	0.51	1.06	38.6472	-0.3703	3.4	2.3	143	2.2	3.3	57	30	131	0.92	6.14	4.1	Spain
1884		04:25:11.92	4.21	0.86	38.7825	-0.6226	42.8	13.5	92	123.3	43.2	15	14	284	0.74	5.64	4.1	Spain
1885		04:29:12.77	1.51	0.55	38.6348	-0.3790	14.1	5.5	99	7.1	22.1	8	4	147	0.92	1.40	1.9	Spain
1886		04:33:53.66	0.54	0.84	38.6099	-0.4267	5.3	3.7	151	21.1	2.3	17	10	131	0.88	3.96	2.6	Spain
1887		04:56:29.42	1.41	0.56	38.6487	-0.4044	12.3	5.2	105	13.0	20.4	9	5	130	0.90	1.42	1.9	Spain
1888		05:12:33.01	1.63	0.60	36.8277	-2.9143	66.9	4.8	175	18.1	17.5	7	4	198	0.07	1.00	1.5	Spain
1889		06:12:34.10	0.56	0.75	38.6239	-0.4106	4.9	3.4	138	10.5	1.7	19	11	131	0.89	3.97	2.8	Strait of Gibraltar
1890		06:59:02.98	1.75	0.73	37.1088	-13.5976	19.7	12.1	175	0.0	1.7	17	11	332	3.81	4.0	4.0	Cape St. Vincent R
1891		08:59:09.02	0.88	0.41	38.6387	-0.3196	7.8	5.8	114	21.2	1.8	9	5	149	0.96	3.38	2.5	Spain
1892		12:18:50.60	1.37	0.70	44.4898	-17.3064	18.9	9.4	40	0.0	0.0	23	14	328	8.13	12.41	4.2	North Atlantic Ocean
1893	04 Nov	03:14:14.76	0.45	0.73	38.1677	-7.5418	4.2	3.2	116	5.7	7.1	15	8	97	0.40	1.68	1.8	Portugal
1894		08:01:43.57	0.81	0.47	37.0763	-4.3135	5.2	3.6	131	9.1	16.7	12	6	133	0.17	1.40	1.7	Spain
1895		08:11:06.08	0.41	0.57	36.6321	-7.5918	5.2	4.1	27	41.0	20.6	40	32	119	0.67	6.00	3.8	Strait of Gibraltar
1896		10:28:11.16	1.43	0.51	39.6598	0.1411	26.5	5.0	154	28.9	25.4	10	6	180	0.86	2.46	3.1	Spain
1897		12:13:00.07	0.47	0.39	37.0768	-4.2871	4.7	3.5	136	2.8	9.6	15	9	88	0.15	2.02	1.7	Spain
1898		13:31:20.34	0.54	0.75	38.4512	-6.4915	4.4	3.1	16	0.0	4.4	21	11	153	2.27	2.3	3.3	Spain
1899		14:38:43.48	0.38	0.54	35.1538	-4.7525	3.6	3.2	31	46.9	27.9	41	22	107	0.90	4.71	2.0	Strait of Gibraltar
1900		14:42:43.48	0.46	0.45	37.7453	-6.6156	4.4	3.0	171	0.0	0.0	20	11	99	0.05	1.67	2.2	Spain
1901		14:43:26.51	0.47	0.44	37.7287	-6.5975	4.2	3.0	174	0.0	0.0	19	10	100	0.07	1.66	2.3	Spain
1902		20:31:44.90	2.08	0.56	39.6449	0.1364	39.3	6.0	162	32.2	19.3	6	3	179	0.85	2.74	2.6	Spain
1903		22:48:42.09	0.86	0.34	39.5566	0.1837	14.7	4.5	177	20.3	2.9	8	5	156	0.89	2.74	2.6	Spain
1904	05 Nov	00:20:45.60	1.00	0.45	36.7923	-7.9227	8.7	5.8	15	32.0	17.5	15	11	208	0.45	2.99	2.3	Strait of Gibraltar
1905		02:57:03.72	0.59	0.44	37.7307	-1.5872	5.8	4.8	132	1.1	16.6	8	4	134	0.11	0.91	1.9	Spain
1906		09:26:03.95	1.09	0.27	36.7703	-8.0429	10.2	7.4	17	43.7	26.3	10	11	214	0.48	3.09	2.8	West of Gibraltar
1907		09:26:22.90	1.53	0.65	36.3865	-3.4788	11.7	6.9	174	17.5	10.9	10	6	236	0.49	1.18	2.1	Strait of Gibraltar
1908		14:19:23.19	0.41	0.59	37.7468	-6.5999	3.9	2.8	7	0.0	0.0	20	10	99	0.06	1.65	2.4	Spain
1909		22:16:26.46	3.32	0.94	39.8480	24.1609	65.0	9.8	43	0.0	0.0	8	7	241	4.59	27.00	4.6	Aegean Sea
1910	06 Nov	01:47:27.94	0.52	0.53	37.9390	-1.4719	6.6	3.8	94	0.0	0.0	10	6	127	0.33	1.70	2.2	Spain
1911		05:08:16.25	1.61	0.38	38.3062	-7.8848	5.3	3.3	91	0.0	0.0	10	7	144	0.25	1.06	1.4	Portugal
1912		06:06:27.97	1.24	0.59	35.5483	-3.6563	13.5	5.1	41	0.0	0.0	5	3	205	0.63	1.36	1.4	Portugal
1913		09:15:56.33	1.16	0.54	39.2864	-10.5557	11.3	6.6	92	15.3	9.5	26	13	259	1.04	4.81	3.4	North Atlantic Ocean
1914		10:12:29.89	1.83	0.73	36.2100	-3.2557	13.2	5.1	171	0.0	0.0	7	4	238	0.72	1.27	2.0	Strait of Gibraltar
1915		12:50:47.28	0.82	0.73	37.5956	-6.1284	8.4	3.4	167	10.6	2.8	14	8	192	0.46	1.52	2.0	Spain
1916		13:26:55.55	0.68	0.35	36.0031	-2.5885	6.8	4.6	106	44.2	14.3	16	8	164	0.37	2.03	2.8	Strait of Gibraltar
1917	07 Nov	00:51:51.39	1.89	0.47	36.0550	15.6	10.3	10.3	25	53.0	79.5	18	13	301	1.73	5.19	3.1	Azores Cape St. Vincent R
1918		01:10:34.48	1.92	1.25	25.5350	143.6854	29.6	11.0	101	50.6	18.5	14	9	210	32.34	105.12	6.1	Volcano Islands, Japan Re
1919		02:32:23.45	0.56	0.18	37.1034	-3.4654	4.4	3.8	154	0.0	0.0	10	8	104	0.10	0.84	1.6	Spain
1920		05:35:44.39	0.58	0.37	38.5210	-7.8506	4.9	3.8	177	11.7	2.7	13	5	98	0.13	1.28	1.7	Portugal
1921		09:27:34.71	7.77	1.37	-16.0081	-17.41298	57.9	20.3	11	289.2	70.0	19	19	125	60.20	160.92	5.9	Tonga Islands
1922		14:19:59.67	1.82	0.35	37.8270	-3.1996	13.8	6.0	164	3.6	16.5	9	5	139	0.65	1.77	1.9	Spain
1923		18:32:01.95	0.36	0.76	37.4858	-2.0876	5.6	2.7	141	13.1	6.4	27	18	107	0.36	4.73	2.9	Spain
1924		19:46:45.97	1.83	0.23	36.4725	-10.9702	17.7	13.2	140	0.0	0.0	14	9	324	1.84	4.71	3.0	Azores Cape St. Vincent R
1925		20:07:02.00	2.19	0.37	39.8318	-0.7606	18.7	7.3	82	0.0	0.0	6	3	282	0.29	1.96	0.0	Spain

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
1926	08 Nov	00:43:01.38	1.07	0.50	35.8215	-2.9023	15.3	11.3	159	21.7	24.0	10	5	158	0.50	1.28	2.0	Strait of Gibraltar
1927		03:13:01.70	0.75	0.53	36.9879	-3.7526	6.3	3.4	170	14.5	11.0	12	6	115	0.92	1.4	1.4	Strait of Gibraltar
1928		04:21:13.00	0.87	0.36	39.2022	-0.6536	12.6	4.8	131	25.8	15.4	11	6	109	0.46	3.90	2.5	Spain
1929		07:04:14.00	1.43	0.26	36.8209	-9.4529	11.2	7.3	34	28.9	7.8	18	10	275	0.59	3.45	2.5	West of Gibraltar
1930		15:16:06.90	1.83	0.51	36.6037	-10.6259	19.3	10.9	33	74.7	64.2	16	10	299	1.54	4.40	2.6	Azores
1931		17:39:13.17	0.73	0.66	39.4533	0.2304	5.8	3.2	165	1.7	5.3	20	10	114	0.94	4.62	3.1	Cape St. Vincent R
1932		19:02:17.98	0.53	0.35	37.7875	-8.0335	6.5	3.5	119	7.0	11.4	13	8	136	0.15	1.26	1.7	Portugal
1933		20:16:18.07	0.54	1.25	36.6893	-3.1884	4.5	2.4	171	0.2	3.6	41	23	101	0.32	4.54	3.1	Strait of Gibraltar
1934		20:59:51.98	1.31	0.56	36.1593	-3.4237	9.3	4.7	159	16.9	7.6	14	7	211	0.73	1.60	1.9	Strait of Gibraltar
1935		21:00:50.15	2.54	0.16	37.1060	-3.8666	9.3	7.5	26	13.0	34.8	6	3	162	0.19	0.35	4.3	Spain
1936	09 Nov	00:46:19.34	0.26	1.02	38.0509	-1.8426	2.9	2.3	162	0.0	0.0	55	32	63	0.41	6.56	4.3	Spain
1937		01:40:36.39	0.87	0.64	39.4268	0.1898	13.9	4.4	8	13.5	13.7	8	4	158	0.91	2.06	2.2	Spain
1938		02:20:40.50	0.53	0.73	38.0009	-1.7811	8.0	4.3	102	16.6	10.5	12	7	107	0.35	2.87	1.9	Spain
1939		02:36:34.41	0.92	0.70	35.5734	-3.6146	10.4	3.7	47	0.0	0.0	10	5	200	0.60	1.45	2.0	Strait of Gibraltar
1940		16:55:28.20	0.71	0.51	35.2849	-6.2473	8.4	3.6	76	37.4	20.5	20	14	134	1.61	4.43	2.7	Strait of Gibraltar
1941		17:31:53.34	1.10	0.45	36.5619	-4.4788	11.9	6.0	175	85.7	7.4	18	13	204	0.20	3.53	1.6	Strait of Gibraltar
1942		19:52:43.63	2.14	0.37	36.7623	-9.6320	18.5	8.8	39	32.6	22.2	15	11	280	0.74	3.60	2.3	West of Gibraltar
1943		20:36:12.38	0.91	0.48	38.0008	-0.5452	8.4	5.8	109	0.0	0.0	7	5	166	0.55	1.80	2.0	Spain
1944		21:46:46.98	0.54	0.33	37.0878	-3.8436	6.6	3.0	173	0.2	10.1	14	7	121	0.21	1.59	1.4	Spain
1945		23:24:39.14	0.68	1.20	35.4772	-3.6540	4.0	3.0	161	0.0	5.7	48	25	105	0.60	5.45	3.2	Strait of Gibraltar
1946	10 Nov	02:39:30.67	0.69	0.72	39.1905	-0.3418	8.3	4.4	7	0.0	0.0	6	3	146	0.63	1.32	3.2	Spain
1947		02:52:43.02	1.16	0.60	39.1443	-0.4071	8.4	5.6	152	0.1	10.1	8	3	146	0.62	1.37		Spain
1948		02:59:10.15	2.44	0.22	36.7289	-9.7478	24.0	19.0	124	22.1	16.0	9	6	329	0.84	3.13		West of Gibraltar
1949		04:49:58.55	1.13	0.43	37.9950	-0.4436	11.3	5.5	164	21.9	14.0	9	5	174	0.60	1.74	1.8	Spain
1950		11:36:03.03	2.28	0.37	35.9068	-2.6660	21.6	16.9	23	18.8	14.2	7	4	286	0.30	1.44		Strait of Gibraltar
1951		11:37:31.77	2.51	0.56	36.8216	-1.0969	35.4	11.9	55	36.2	63.6	20	11	313	1.84	5.36	3.0	Azores
1952		13:53:20.62	0.68	0.54	37.7217	-6.5842	5.1	3.6	153	3.5	17.4	16	9	177	0.08	1.39	1.9	Cape St. Vincent R
1953		22:22:14.99	0.58	0.47	36.4114	-8.3222	6.9	4.5	73	23.4	8.9	10	6	124	0.52	1.18	1.7	Spain
1954		23:26:19.80	1.64	0.20	37.3557	-8.3191	10.0	4.8	154	25.6	19.9	7	4	157	0.33	0.69	1.1	Strait of Gibraltar
1955	11 Nov	00:49:12.62	8.86	1.29	-20.6282	-178.3060	73.8	43.0	151	746.1	93.5	17	17	178	56.22	160.14	5.8	Fiji Islands Region
1956		03:54:18.09	1.47	1.09	41.8069	-21.0755	22.3	8.1	30	39.4	14.9	21	20	201	5.73	46.58	5.3	NW Balkan Region
1957		13:39:47.31	0.37	0.47	37.7168	-6.5929	3.9	2.6	3	0.0	0.0	24	12	118	0.08	2.07	2.4	Spain
1958		14:25:18.20	1.68	1.52	41.6123	20.6398	25.4	5.7	41	35.3	20.5	17	15	197	5.44	24.78	5.2	Albania
1959		18:17:26.06	0.41	1.30	39.6215	-2.7127	3.4	2.9	18	21.2	0.8	41	23	121	0.80	5.41	3.6	Spain
1960		22:27:49.12	1.44	0.86	36.2142	-6.8174	11.1	4.4	14	4.5	8.1	19	12	241	1.01	2.72	2.5	Strait of Gibraltar
1961		23:11:03.96	2.60	0.31	36.7364	-5.8448	24.3	8.2	55	39.3	13.8	7	4	255	0.13	1.75		Strait of Gibraltar
1962		23:59:00.77	0.48	0.61	36.9475	-5.3702	5.0	3.3	2	9.4	4.7	21	13	130	0.40	2.24	2.0	Strait of Gibraltar
1963		13:37:07.81	0.87	0.57	37.5246	-1.0066	9.2	3.8	136	6.3	4.1	13	7	190	0.06	2.38	2.4	Spain
1964	12 Nov	17:28:58.49	0.74	0.42	36.8990	-4.0890	7.3	4.9	175	62.1	6.8	19	13	144	0.21	3.24	1.9	Strait of Gibraltar
1965		19:42:01.54	1.08	0.43	36.6001	-7.5660	11.5	5.4	19	34.7	24.6	15	9	219	0.71	2.26	2.0	Strait of Gibraltar
1966		20:10:10.78	0.81	0.52	37.3744	-8.4323	6.6	4.4	140	8.2	7.8	9	7	143	0.40	1.45	1.4	Portugal
1967		22:38:40.54	1.04	0.47	36.1568	-4.9299	7.6	4.3	172	63.8	9.9	22	14	169	0.43	3.43	2.3	Strait of Gibraltar
1968		22:54:05.40	0.56	0.60	37.3318	-8.5844	6.1	4.0	150	9.0	4.0	23	12	156	0.28	3.28	2.2	Portugal
1969		23:11:26.00	2.65	0.34	38.5459	-8.0369	4.2	4.0	39	10.9	2.6	16	9	114	0.02	1.33	1.8	Portugal
1970	13 Nov	04:15:59.28	0.50	0.01	36.5523	-4.6642	31.3	8.4	143	7.5	32.4	5	3	187	0.09	0.88	3	Strait of Gibraltar
1971		04:29:01.50	1.14	0.94	38.5006	-0.7857	19.0	4.6	90	0.0	0.0	5	3	197	0.61	1.10	2.0	Spain
1972		14:13:47.01	0.48	0.54	38.4227	-6.4900	4.3	3.0	17	0.0	0.0	20	10	149	0.50	1.64	2.0	Spain
1973		18:47:35.66	1.28	0.53	37.5157	-2.6458	10.1	4.5	179	3.0	13.7	14	8	109	0.65	2.27	1.8	Spain
1974	14 Nov	03:58:58.36	1.64	0.35	36.6714	-8.7088	18.4	10.2	28	22.8	14.9	17	10	300	0.84	2.98	2.6	West of Gibraltar
1975		04:16:56.43	1.02	0.23	38.9686	-9.0565	22.9	4.0	5	0.0	0.0	6	4	188	0.18	1.61	2.6	Portugal
1976		04:44:26.83	1.15	0.68	36.6232	-7.2406	9.9	6.4	29	25.0	8.7	16	10	215	0.83	2.14	2.1	Strait of Gibraltar
1977		08:06:23.00	0.48	0.58	34.8208	-5.4962	5.7	3.6	92	36.0	16.6	34	23	90	1.08	4.37	3.0	Morocco
1978		10:13:09.13	0.68	0.58	36.5057	-5.3419	8.8	3.5	17	47.9	11.2	32	14	115	0.46	5.54	2.6	Strait of Gibraltar
1979		18:33:35.65	1.90	0.50	35.4029	-3.6108	17.9	12.0	91	26.3	22.6	6	4	222	0.55	1.49	1.8	Strait of Gibraltar
1980		20:30:13.65	0.48	0.80	35.1133	-9.3054	3.9	2.9	76	36.5	13.5	76	39	107	2.05	12.00	4.7	West of Gibraltar

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	S:maj	S:min	Az	Depth	ERR	N:df	M:sta	GAP	mdist	M:dist	Mag	Z:Geo.
1981		21:38:43.74	0.58	0.72	37.3340	-8.5985	5.9	3.7	137	0.0		17	10	158	0.27	1.89	1.9	Portugal
1982		22:02:49.72	0.70	0.65	41.0391	-5.5926	7.1	5.1	45	22.4	1.7	13	7	154	1.25	3.07	2.6	Spain
1983	15 Nov	22:28:09.48	1.34	0.78	36.6156	-5.5616	18.5	7.0	33	19.4	9.4	9	6	222	0.35	1.74	1.8	Strait of Gibraltar
1984		07:17:38.99	0.70	0.83	39.2685	-0.1821	8.8	3.7	4	21.2	2.5	16	5	139	0.69	2.58	2.2	Spain
1985		09:16:02.03	1.37	0.27	36.2536	-8.2726	11.7	6.9	47	17.5	7.9	16	9	261	0.98	3.51	2.4	West of Gibraltar
1986		10:37:07.55	0.81	0.81	36.9712	-5.2503	11.0	5.2	5	9.4	11.7	12	8	121	0.38	1.38	1.9	Strait of Gibraltar
1987		12:28:43.82	1.33	0.65	36.5535	-9.8407	10.1	8.1	48	12.1	6.8	24	13	284	1.00	4.49	3.0	West of Gibraltar
1988		14:43:45.34	0.77	0.12	36.4085	-3.2505	9.0	4.4	68	21.0	9.5	9	5	167	1.01	1.01	1.6	Strait of Gibraltar
1989		15:26:55.51	0.57	0.42	36.4097	-3.2720	5.1	3.9	60	7.5	10.5	13	7	120	0.51	1.22	1.8	Strait of Gibraltar
1990		16:21:27.53	1.12	0.58	37.8287	-9.2614	8.9	4.6	82	2.0	6.7	11	6	205	0.78	1.44	2.1	Portugal
1991		18:04:09.99	0.55	0.61	38.0675	-1.7816	4.3	3.0	117	11.2	1.1	22	11	69	0.60	2.87	2.5	Spain
1992		20:32:02.05	0.52	1.03	38.0193	-1.8366	4.2	3.2	126	11.1	1.1	22	10	72	0.66	2.83	2.4	Spain
1993		22:37:48.25	1.64	2.44	8.4047	126.1447	21.8	10.0	95	74.4	17.0	14	10	222	9.97	102.04	6.1	Mindanao, Philippines
1994		23:50:13.05	1.10	0.76	36.3965	-4.7783	9.7	4.9	176	63.8	8.2	22	13	221	0.17	3.33	2.5	Strait of Gibraltar
1995		06:18:21.34	0.60	0.65	36.9100	-5.2222	10.1	4.7	2	23.0	9.7	14	8	131	0.50	2.32	2.3	Strait of Gibraltar
1996	16 Nov	07:15:49.31	1.03	0.74	35.4967	-3.8904	10.6	5.7	17	3.2	9.7	16	9	222	0.79	1.74	2.3	Strait of Gibraltar
1997		07:25:51.09	0.44	0.72	37.5868	-7.9681	3.6	3.4	168	2.0	5.5	19	10	77	0.07	2.08	1.9	Portugal
1998		12:12:43.31	1.86	0.53	36.6609	-9.7659	15.8	11.3	18	22.4	12.2	12	9	301	0.89	3.74	2.5	West of Gibraltar
1999		14:22:01.50	0.41	0.49	37.7333	-6.6031	3.9	2.9	5	0.0		19	11	100	0.06	1.66	2.2	Spain
2000		17:04:47.90	1.56	0.53	35.7912	-10.1663	23.0	10.6	47	30.3	35.9	22	13	295	1.72	6.53	3.5	Azores Cape St. Vincent R
2001		18:48:58.41	0.91	0.37	35.6368	-4.6646	7.2	5.9	27	70.4	18.2	25	17	156	0.93	3.98	2.7	Strait of Gibraltar
2002		21:59:27.87	1.30	0.33	42.4206	-10.0487	47.7	9.2	129	28.5	52.2	19	12	298	2.51	5.96	3.8	North Atlantic Ocean
2003		00:10:47.54	1.21	0.29	36.7867	-4.1471	14.4	6.4	153	59.5	11.6	11	6	167	0.23	106.06	1.3	Strait of Gibraltar
2004		01:44:07.37	1.82	2.67	31.4407	99.5492	15.6	6.5	11	9.4	9.8	18	14	139	3.84	106.06	6.4	Southwest of Sumatra, Ind
2005		07:11:19.51	0.65	0.60	36.1630	-3.1075	10.0	3.8	76	0.0		8	5	151	0.23	1.22	1.5	Strait of Gibraltar
2006		08:29:08.27	0.76	0.55	39.4272	0.2649	14.4	4.3	9	0.0		7	4	159	0.93	2.00	2.1	Spain
2007		13:41:07.72	0.61	0.36	36.5684	-12.6875	7.7	4.2	132	62.9	5.4	31	16	172	3.15	7.23	3.8	Azores Cape St. Vincent R
2008		13:53:50.24	0.41	0.51	37.7357	-6.6178	3.6	2.8	14	0.0		21	11	100	0.05	1.67	2.0	Spain
2009		15:30:37.78	1.45	0.43	38.8758	-7.6803	11.3	4.2	154	0.0		9	5	239	0.07	1.27	1.6	Portugal
2010	18 Nov	00:44:14.92	0.63	0.61	36.5115	-8.0618	5.1	2.9	84	27.5	6.5	37	20	142	0.74	5.61	2.9	West of Gibraltar
2011		01:42:37.52	1.04	0.35	39.6812	-1.6120	12.3	6.7	49	34.1	4.1	6	3	163	0.51	1.40	2.2	Spain
2012		06:46:51.48	2.17	0.48	37.1059	-1.0188	23.2	14.7	113	18.9	18.2	8	5	261	0.48	2.10	2.2	Spain
2013		13:50:15.93	1.80	1.30	37.0694	-13.9809	23.7	10.1	138	3.3	18.2	15	10	208	4.12	6.87	3.9	Azores Cape St. Vincent R
2014		16:20:35.36	2.43	1.65	34.9473	-17.7946	22.6	5.8	119	0.0		10	8	256	2.18	10.44	2.9	Madeira Islands, Portugal
2015		19:57:04.50	0.49	0.78	36.4344	-4.5753	4.1	2.9	165	83.4	5.3	48	25	132	0.21	5.93	2.9	Strait of Gibraltar
2016		20:33:14.67	0.70	0.51	37.5786	-7.9645	5.2	3.8	34	0.0		15	8	137	0.08	1.39	1.5	Portugal
2017	19 Nov	03:31:56.40	0.63	0.66	37.7586	-8.3540	5.1	3.4	103	0.2	6.7	16	9	167	0.28	2.34	1.9	Portugal
2018		04:09:17.71	1.43	0.71	35.2659	-3.7519	10.8	6.9	161	44.5	37.3	16	8	209	0.66	1.95	2.3	Strait of Gibraltar
2019		09:21:11.57	0.56	0.52	36.7216	-4.5946	5.9	3.1	5	75.7	6.7	35	19	105	0.14	3.42	2.5	Strait of Gibraltar
2020		12:48:16.31	0.77	0.94	36.0930	-8.1349	4.4	2.7	66	26.8	7.6	37	31	160	0.16	9.40	3.5	West of Gibraltar
2021		13:40:02.56	1.09	0.48	36.6769	-7.0232	9.1	5.3	3	40.8	49.3	19	11	209	0.92	2.45	2.5	Strait of Gibraltar
2022		17:10:12.47	0.55	1.46	35.4651	-3.6269	3.4	2.3	148	8.3	4.5	69	36	106	0.57	6.91	4.3	Strait of Gibraltar
2023		17:51:47.32	0.80	5.24	35.6645	-3.8529	2.8	2.5	143	14.5	6.0	57	29	90	0.72	6.66	4.4	Strait of Gibraltar
2024		18:50:44.15	1.40	0.69	35.3762	-3.7062	16.1	7.2	172	8.8	18.3	17	10	227	0.62	3.02	2.4	Strait of Gibraltar
2025		23:31:27.97	1.27	0.72	35.4874	-3.6807	9.5	8.5	158	7.0	10.6	11	6	213	0.63	1.73	2.3	Strait of Gibraltar
2026		23:56:38.05	1.64	0.43	35.4086	-3.7227	12.4	10.3	137	14.1	17.0	10	5	224	0.64	1.81	2.4	Strait of Gibraltar
2027	20 Nov	00:02:28.61	0.83	0.80	35.4338	-3.6625	10.0	4.1	168	8.7	10.8	30	17	186	0.59	3.85	2.9	Strait of Gibraltar
2028		00:40:22.78	0.69	0.79	35.4209	-3.6905	7.9	4.0	164	7.1	7.8	31	16	188	0.61	3.88	2.9	Strait of Gibraltar
2029		03:19:09.19	1.31	1.03	-53.8403	141.8916	54.5	22.6	85	0.0		9	9	256	46.18	149.85	5.6	West of Macquarie Island
2030		03:25:16.55	0.72	1.66	35.4109	-3.6517	6.9	3.1	171	11.1	7.7	49	26	188	0.58	4.90	3.2	Strait of Gibraltar
2031		11:22:45.34	0.44	0.57	37.0124	-4.2129	3.7	3.3	142	2.0	5.4	19	12	76	0.13	2.66	2.5	Spain
2032		13:17:41.77	0.55	0.47	38.3403	-6.0816	6.9	3.0	12	0.7	7.6	14	8	157	0.59	1.53	1.9	Spain
2033		13:38:43.31	0.68	0.79	37.7435	-6.6308	4.8	3.1	163	10.1	2.4	17	10	168	0.54	1.68	2.1	Spain
2034		18:40:03.54	2.34	0.28	35.4536	-3.4486	12.8	9.7	124	51.7	35.8	9	5	175	0.43	1.63	2.1	Strait of Gibraltar
2035		19:13:52.21	0.60	1.10	36.7360	-11.4026	5.3	3.5	118	31.7	13.0	61	32	161	2.10	8.70	4.1	Azores Cape St. Vincent R

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	SmaJ	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
2036		19:23:49.93	2.08	0.44	36.6170	-7.2767	13.9	6.3	9	25.6	9.0	8	6	215	0.82	1.57	2.1	Strait of Gibraltar
2037		20:09:26.46	0.92	0.68	36.5768	-9.8368	8.7	4.1	95	29.3	10.5	31	18	211	0.98	6.04	3.1	West of Gibraltar
2038		20:47:10.41	0.56	0.82	36.3801	-3.6212	5.0	3.3	13	0.0	10.5	15	9	148	0.49	1.94	1.9	Strait of Gibraltar
2039		23:26:44.83	1.37	0.46	36.8985	-11.0869	50.8	12.4	58	6.7	40.5	12	12	305	1.82	5.33	3.2	Azores Cape St. Vincent R
2040	21 Nov	00:07:46.38	1.40	0.33	35.4075	-3.5700	16.7	13.1	98	37.9	48.8	10	6	218	0.51	1.52	2.2	Strait of Gibraltar
2041		00:55:55.05	1.37	0.56	40.5187	-9.2705	14.1	7.2	106	34.3	2.4	16	12	232	1.36	4.33	3.1	Portugal
2042		01:48:48.71	0.38	0.84	35.7479	-4.6414	2.7	2.5	4	82.9	7.7	4	36	82	0.62	6.40	3.7	Strait of Gibraltar
2043		04:05:11.08	1.20	0.79	39.3869	-9.3312	13.1	6.9	95	35.5	15.8	25	13	221	0.43	3.91	2.8	Portugal
2044		04:11:09.37	2.18	0.11	35.5661	-3.6606	43.8	12.0	146	19.5	33.0	8	4	264	0.63	1.35	1.8	Strait of Gibraltar
2045		11:01:35.09	0.52	0.58	37.0128	-4.2315	5.6	3.6	121	0.0	72.4	11	7	105	1.42	1.42	1.4	Spain
2046		12:34:48.75	3.26	0.26	36.0042	-4.6995	45.5	12.4	166	34.2	7.2	8	5	273	1.22	2.86	2.6	Strait of Gibraltar
2047		19:01:17.45	0.46	0.62	37.8664	-8.1282	4.3	2.8	91	0.0	7.9	20	11	103	0.24	2.15	2.1	Portugal
2048		19:41:19.83	1.23	0.72	36.7449	-1.8244	11.5	4.8	148	13.6	7.9	14	9	228	0.87	3.15	2.4	Western Mediterranean Sea
2049		21:32:46.79	1.02	0.85	35.5542	-3.6583	12.6	3.3	43	0.0	7.1	10	6	205	0.62	1.48	2.5	Strait of Gibraltar
2050		22:00:09.55	0.81	1.41	36.7587	-11.3994	5.6	3.7	120	22.0	7.1	55	28	161	2.09	8.69	3.9	Strait of Gibraltar
2051		23:47:17.68	0.95	0.60	35.5580	-3.6652	12.3	3.8	44	0.0	9.3	9	5	204	0.63	1.35	2.5	Azores Cape St. Vincent R
2052	22 Nov	00:54:50.18	4.67	0.90	-34.3502	-74.5033	22.1	17.8	97	0.0	1.7	16	16	327	10.33	96.22	5.9	Off Coast of Central Chil
2053		03:53:10.67	0.92	1.15	36.7131	-6.8708	7.8	7.2	112	58.3	22.6	16	31	249	4.42	18.95	5.4	Northern Algeria
2054		09:58:30.69	0.68	0.29	35.7634	-3.2961	7.1	4.5	90	13.3	7.9	16	9	155	2.61	2.61	2.4	Strait of Gibraltar
2055		10:06:17.75	7.99	0.95	36.1310	141.3040	45.1	19.9	109	269.9	78.8	20	20	202	40.58	101.23	5.6	Near East Coast of Honshu
2056		15:09:05.41	0.74	0.75	40.3754	-2.9784	10.4	4.0	2	21.3	1.7	23	12	176	0.21	3.87	2.9	Spain
2057		15:28:51.89	0.46	0.50	36.9714	-4.0831	4.1	3.4	2	1.5	9.3	14	8	128	0.15	1.56	1.4	Strait of Gibraltar
2058		17:39:09.16	0.84	0.64	35.5720	-3.6236	10.2	3.6	44	0.0	10.5	10	6	201	0.60	1.45	2.2	Strait of Gibraltar
2059		20:53:19.90	0.75	0.28	37.0697	-2.1812	7.0	4.6	142	0.0	6.0	8	5	148	0.10	1.18	1.5	Spain
2060		22:57:57.58	3.07	0.28	36.8894	-2.1835	29.4	8.8	123	0.0	6.0	6	4	282	0.08	1.16	1.5	Strait of Gibraltar
2061	23 Nov	00:17:13.33	1.14	0.68	33.5566	-4.7800	9.8	4.6	123	9.5	6.0	19	14	203	0.29	5.77	3.3	Morocco
2062		01:53:01.03	0.49	1.28	35.4946	-3.6464	5.2	2.8	21	0.0	60.1	35	19	177	4.61	4.61	2.8	Strait of Gibraltar
2063		08:58:16.73	1.45	0.35	36.0679	-6.5212	27.4	7.6	158	81.9	26.2	23	13	264	1.63	2.90	1.7	Strait of Gibraltar
2064		15:19:34.14	0.88	0.45	36.5661	-7.6199	8.4	5.2	5	45.2	3.2	25	25	222	0.72	2.90	2.5	Strait of Gibraltar
2065		16:58:05.58	0.50	0.62	37.3064	-2.0526	6.2	2.8	151	11.3	3.2	25	17	129	0.36	4.77	2.9	Spain
2066		18:14:33.00	1.32	0.63	35.8647	-8.7535	10.5	8.1	16	0.0	5.1	22	12	286	1.27	4.06	2.7	West of Gibraltar
2067		22:54:42.66	1.28	0.61	36.7457	-2.4081	12.3	3.6	159	8.3	18.7	15	8	225	0.28	2.23	2.2	Strait of Gibraltar
2068		04:48:06.13	0.53	0.59	36.1933	-8.2554	7.6	3.5	88	39.5	6.0	26	16	163	1.04	5.86	3.4	West of Gibraltar
2069		13:36:42.27	1.19	0.46	36.8431	-9.1334	9.7	6.7	42	28.6	22.6	25	13	268	0.38	3.86	2.5	West of Gibraltar
2070		15:32:17.37	2.88	0.52	38.2765	0.3576	31.5	5.6	146	25.0	19.3	7	5	186	1.08	2.42	2.1	Spain
2071		18:11:02.00	1.52	0.45	39.4569	0.2349	26.6	6.2	173	4.3	6.2	35	20	215	1.65	7.32	3.2	West of Gibraltar
2072		21:14:19.48	0.85	1.28	35.7643	-9.9778	7.5	5.2	90	0.0	19.3	19	11	121	0.48	2.14	1.9	Strait of Gibraltar
2073		21:22:04.96	0.42	0.91	36.9778	-5.2692	4.5	3.0	13	17.5	6.2	17	10	120	0.37	2.74	1.9	Spain
2074		21:32:55.35	0.41	0.42	37.3303	-2.0992	5.7	2.6	144	0.0	58.8	11	11	139	23.54	84.48	5.3	Mid Indian Ridge
2075		22:03:08.27	6.07	0.76	-9.1721	67.4427	33.1	12.1	0	103.4	5.1	6	4	135	0.68	1.74	1.5	Spain
2076	25 Nov	00:27:07.81	0.81	0.51	37.8662	-3.2295	6.2	5.8	15	0.0	23.1	9	6	217	0.54	1.50	4.1	Strait of Gibraltar
2077		02:18:30.50	1.77	0.56	35.4217	-3.5968	17.2	10.7	85	28.0	26.3	55	28	183	3.64	9.71	4.0	Azores Cape St. Vincent R
2078		02:35:29.47	0.66	1.43	36.7859	-13.3543	7.0	4.0	125	39.3	71.4	39	21	182	3.63	8.65	4.0	Azores Cape St. Vincent R
2079		02:50:01.47	1.56	1.13	36.7892	-13.3330	10.4	6.7	104	40.8	5.0	37	15	175	0.30	4.22	2.6	West of Gibraltar
2080		08:34:46.28	0.77	0.52	36.8549	-8.6904	6.8	5.1	49	25.5	5.0	7	4	259	1.26	2.67	2.1	Strait of Gibraltar
2081		09:55:19.69	2.37	0.39	35.9960	-4.7551	19.0	7.1	174	0.0	17.1	15	8	197	0.29	1.56	1.9	Portugal
2082		11:29:34.79	0.79	0.39	37.3728	-7.1764	6.8	3.6	161	0.0	17.1	28	17	243	1.99	6.57	3.6	Azores Cape St. Vincent R
2083		14:21:46.56	1.12	0.46	36.6064	-11.2268	14.7	6.0	89	29.0	6.2	14	7	165	0.09	1.65	2.0	Spain
2084		14:27:20.67	0.62	0.44	37.1737	-6.5882	5.9	3.3	174	0.0	15.9	8	5	147	0.23	1.52	1.6	Spain
2085		14:27:51.38	0.61	0.25	37.1293	-3.1716	7.3	3.5	18	0.0	6.2	14	11	182	1.38	5.79	3.1	Pyrenees
2086		15:39:30.85	2.43	0.24	42.4660	1.0286	9.3	6.3	173	11.1	6.2	12	7	130	0.55	4.26	1.8	West of Gibraltar
2087		18:32:28.87	1.95	0.84	36.7170	-9.6079	15.1	6.5	101	19.4	13.8	12	6	220	0.72	1.39	2.6	Strait of Gibraltar
2088		19:06:07.17	0.50	0.48	36.3239	-3.5583	5.4	3.1	55	0.0	6.5	14	9	155	0.10	1.65	2.0	Strait of Gibraltar
2089		22:01:40.10	1.45	0.41	35.4791	-3.8100	10.4	9.6	84	8.7	6.5	12	6	220	0.72	1.39	2.6	Strait of Gibraltar
2090	26 Nov	00:31:53.73	0.60	0.47	36.5369	-4.6485	7.3	3.7	148	2.5	6.5	14	9	155	0.10	1.65	2.0	Strait of Gibraltar

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	S:maj	S:min	Az	Depth	ERR	N:df	M:sta	GAP	mdist	M:dist	Mag	Z.Geo.
2091		05:34:29.19	2.56	0.27	37.0080	-3.7029	60.4	9.3	118	26.7	41.4	6	3	172	0.15	1.35		Spain
2092		10:03:56.06	2.54	0.12	37.0631	-3.8793	10.4	6.4	30	14.2	28.7	10	3	150	0.19	0.38		Spain
2093		10:19:04.51	0.67	0.73	37.9848	-3.1927	5.8	4.9	164	0.0		6	7	142	0.80	1.76	2.1	Spain
2094		13:31:28.62	0.36	0.57	37.7900	-6.8310	3.2	2.6	4	0.0		23	12	98	0.13	1.82	2.3	Spain
2095		14:24:50.83	0.35	0.76	37.7363	-6.6219	3.5	2.5	15	0.0		25	14	100	0.05	2.10	2.4	Spain
2096		16:44:43.95	1.76	0.18	37.0949	-8.6183	32.8	7.7	176	20.4	8.2	7	4	208	0.17	1.01	1.9	Portugal
2097		17:28:16.85	1.89	0.70	36.4280	-2.5430	28.7	7.1	150	20.6	28.1	11	8	255	2.76	4.98	3.6	Northern Algeria
2098		17:49:45.44	2.02	0.57	37.9273	-3.1779	16.7	5.4	55	23.5	8.3	11	6	244	0.75	1.78	1.9	Spain
2099		18:33:34.53	1.00	0.47	38.0904	-0.1764	20.3	7.7	179	37.7	51.6	6	4	179	0.82	2.87	2.5	Spain
2100		19:00:32.66	1.71	1.00	36.4314	-2.6913	25.3	6.2	144	13	20.4	13	9	254	2.80	6.01	3.7	Northern Algeria
2101		21:55:52.59	2.69	0.73	38.0888	-3.1011	20.0	6.5	53	0.0		4	4	282	0.92	1.83	1.8	Spain
2102	27 Nov	02:12:40.34	1.98	1.01	36.3918	-2.8493	45.8	8.6	139	17.1	38.8	9	5	281	2.89	6.81	3.8	Northern Algeria
2103		06:18:46.02	0.59	0.69	37.9601	-3.2329	5.2	4.6	154	0.0		12	7	140	0.77	1.73	2.0	Spain
2104		12:56:01.02	1.41	0.64	36.5275	-3.9866	14.7	5.6	157	34.7	7.8	9	5	233	0.43	0.81	1.5	Spain
2105		13:09:23.42	1.80	0.30	38.7331	-7.9856	13.4	5.0	133	0.0		7	4	239	0.20	0.93	1.4	Portugal
2106		14:50:24.11	0.55	0.38	37.7317	-6.5896	4.2	3.4	171	0.0		17	10	100	0.07	1.38	2.0	Spain
2107		16:54:06.62	2.76	0.32	39.1970	-0.1022	23.2	6.0	177	48.4	90.9	6	3	157	0.78	1.26	1.5	Spain
2108		21:02:40.23	0.62	0.64	37.9671	-3.2057	5.2	4.4	127	0.0		12	6	141	0.78	1.75	1.9	Spain
2109		21:42:30.95	1.58	0.87	37.9975	-3.1579	11.9	4.8	48	0.0		10	6	249	0.82	1.79	1.8	Spain
2110		22:00:32.69	0.79	0.51	37.9620	-3.2035	6.3	5.7	0	0.0		7	5	140	0.78	1.75	1.6	Spain
2111		23:25:27.90	1.57	1.28	43.2458	-16.2705	18.0	11.3	41	0.0		18	10	322	6.80	10.22	4.2	North Atlantic Ocean
2112	28 Nov	00:47:20.31	0.65	1.07	35.5402	-3.6886	6.7	3.1	35	0.0		16	10	173	0.64	1.67	2.3	Strait of Gibraltar
2113		02:01:31.48	0.47	0.71	36.2747	-8.1384	4.6	3.4	84	41.4	33.8	16	10	173	0.64	1.67	2.3	Strait of Gibraltar
2114		02:45:19.50	1.77	0.51	37.0639	-10.7876	13.6	10.9	54	0.0		13	7	304	1.57	4.38	3.7	West of Gibraltar
2115		04:57:39.28	1.02	0.76	35.4150	-3.6453	9.3	8.1	166	18.1	10.5	17	9	220	0.58	1.79	2.4	Azores Cape St. Vincent R
2116		05:27:28.69	0.47	0.43	37.7904	-6.8069	3.9	3.0	175	0.0		16	9	136	0.11	1.24	1.5	Strait of Gibraltar
2117		07:39:53.33	1.11	0.40	36.7005	-7.5630	8.7	5.0	14	27.4	6.9	18	12	210	0.62	2.63	2.2	Spain
2118		11:18:32.10	0.42	0.70	35.8016	-4.6500	3.4	3.0	108	72.3	10.1	50	29	61	0.60	6.34	3.5	Strait of Gibraltar
2119		11:34:50.43	0.46	0.80	37.0184	-5.8631	2.5	2.1	38	1.4	3.4	56	32	87	0.15	6.19	4.0	Strait of Gibraltar
2120		13:39:27.42	1.98	0.68	36.6097	-7.4325	13.6	6.3	0	21.9	9.0	12	8	240	0.75	2.75	2.1	Strait of Gibraltar
2121		19:19:00.02	0.94	0.42	37.8193	-8.1087	10.0	4.0	143	7.5	10.8	13	7	182	0.19	1.27	2.1	Portugal
2122		19:30:45.71	0.43	0.72	37.5851	-7.9833	3.7	3.2	112	0.0		18	10	80	0.07	2.09	2.0	Portugal
2123		20:58:18.50	0.52	0.88	38.0756	-1.4005	4.7	3.6	107	20.3	2.1	31	18	134	0.58	5.27	3.2	Spain
2124	29 Nov	01:15:15.52	0.55	0.52	37.1766	-3.6803	6.0	3.5	7	0.0		11	6	137	0.19	1.65	1.5	Spain
2125		07:50:17.54	0.79	0.82	38.0640	-8.0990	11.1	3.4	94	10.6	5.4	13	8	194	0.43	1.17	1.9	Portugal
2126		16:41:03.27	3.31	1.43	-23.0514	-66.6086	65.6	18.5	111	189.2	36.9	11	11	150	3.74	145.70	5.4	Jujuy Province, Argentina
2127		22:10:28.85	2.24	0.22	36.6071	-7.2178	14.2	7.2	171	14.3	7.2	9	6	248	0.85	2.05	2.05	Strait of Gibraltar
2128	30 Nov	06:16:26.72	1.21	1.44	36.3123	-3.6101	8.6	4.3	162	0.0		16	8	240	0.55	2.28	2.1	Strait of Gibraltar
2129		14:16:15.96	0.47	1.26	37.7371	-6.6056	4.2	3.0	174	0.0		18	11	100	0.06	1.66	2.2	Spain
2130		16:07:39.60	1.78	0.47	36.6307	-7.3677	16.8	6.0	23	35.3	22.3	14	10	245	0.76	2.70	2.3	Strait of Gibraltar
2131		21:55:22.43	0.43	0.34	37.7791	-6.7629	3.8	2.8	9	0.0		17	11	99	0.07	1.77	2.0	Spain
2132		22:54:34.62	0.90	2.08	48.0623	140.7597	16.9	5.5	100	602.8	10.9	47	28	141	51.35	146.07	6.2	Primor'ye, Russia
2133		22:55:04.36	2.39	1.10	-24.2353	-67.6075	41.8	9.5	112	189.7	23.8	14	12	79	2.58	153.81	6.2	Chile-Argentina Border Re
2134		23:04:59.71	0.40	1.26	37.3101	-6.8025	42.3	9.0	31	750.0	43.9	9	9	127	6.40	6.40	3.8	Spain
2135	01 Dic	00:02:04.21	1.96	0.83	36.2322	-7.9299	6.6	2.8	173	0.0		10	7	287	1.01	1.34	2.7	Strait of Gibraltar
2136		01:14:38.37	0.38	1.14	39.5182	0.1886	4.5	4.0	12	0.0		44	25	97	0.90	6.72	3.8	Spain
2137		02:03:13.59	0.70	1.94	39.4198	0.1460	9.2	4.0	12	10.1	0.7	13	7	149	0.88	4.55	2.8	Spain
2138		02:35:20.93	0.70	1.83	39.4909	0.2413	8.5	3.9	10	15.6	18.9	13	7	153	0.94	3.99	2.8	Spain
2139		02:45:02.69	0.80	0.82	39.4814	0.2222	12.1	4.0	3	20.7	2.6	15	5	279	0.93	2.79	2.2	Spain
2140		03:07:31.75	1.38	0.32	37.9971	-0.8080	15.3	5.1	85	0.0		6	4	204	0.44	1.60	2.1	Spain
2141		03:17:24.79	1.00	0.22	39.4220	0.1566	18.2	4.4	12	0.0		5	3	191	0.89	1.54	2.7	Spain
2142		03:55:44.97	0.61	1.36	39.4765	0.2223	6.4	3.3	177	13.0	5.8	15	8	115	0.93	3.97	2.7	Spain
2143		04:04:29.22	0.73	0.85	39.5331	0.2289	10.5	3.8	9	16.7	7.9	12	7	155	0.93	3.99	2.5	Spain
2144		05:31:36.05	0.77	0.48	39.4393	0.2030	14.3	4.2	9	0.0		7	4	160	0.92	2.04	2.1	Spain
2145		09:28:25.67	0.62	0.58	39.4103	0.1701	11.5	4.1	179	21.2	1.5	11	6	157	0.90	3.91	2.4	Spain

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
2146		09:42:20.58	2.51	0.25	36.8001	1.8028	59.2	16.7	164	0.4	49.1	6	4	291	2.25	3.54	3.0	Northern Algeria
2147		16:11:50.66	0.80	0.57	39.5180	0.2023	11.8	3.7	2	10.0	6.0	10	5	167	0.91	3.97	2.5	Spain
2148		16:22:41.92	8.59	0.49	52.7427	-108.3190	115.7	15.5	129	50.2	66.2	18	18	228	50.23	139.14	6.1	Fox Islands, Aleutian Isl
2149		16:37:10.62	3.62	0.93	57.1238	-148.5862	78.7	48.0	104	628.2	32.2	13	13	342	42.04	80.15	5.0	Gulf of Alaska
2150		17:36:40.00	0.71	1.20	39.5158	0.2434	11.2	4.3	13	20.5	1.3	11	6	154	0.94	4.00	2.5	Spain
2151		17:48:25.22	1.00	0.23	39.4633	0.2138	16.3	4.7	9	2.3	10.2	6	4	162	0.92	2.03	2.5	Spain
2152		19:06:24.58	0.56	0.42	37.2244	-3.7922	5.5	3.7	24	0.3	10.0	10	6	127	0.28	1.55	1.3	Spain
2153		19:55:26.83	1.01	0.59	39.4925	0.2255	12.9	4.2	1	12.4	8.7	7	4	164	0.93	2.02	2.2	Spain
2154		20:53:17.69	13.40	1.51	-61.4949	152.1762	60.1	36.6	84	133.5	107.8	12	12	243	55.56	151.14	5.3	Baleary Islands Region
2155		21:32:38.09	1.37	0.80	35.7412	-4.7008	12.4	5.6	178	33.8	5.0	22	13	263	2.4	2.8	2.4	Strait of Gibraltar
2156	02 Dic	04:04:01.62	0.66	0.80	39.5158	0.1986	10.1	3.5	5	18.2	5.6	12	6	154	0.90	3.96	2.8	Spain
2157		10:02:22.00	0.58	1.11	35.5186	-3.6893	5.3	3.1	34	0.0	5.6	24	13	176	0.63	2.90	2.6	Strait of Gibraltar
2158		12:20:49.59	0.48	0.43	37.2226	-3.7633	4.3	3.1	10	0.0	8.5	15	8	127	0.26	1.57	1.9	Spain
2159		12:22:39.10	0.50	0.38	37.2413	-3.7473	5.6	3.7	23	4.2	8.5	12	6	133	0.25	1.57	1.9	Spain
2160		14:11:15.39	0.41	0.69	37.6990	-6.5884	3.7	2.9	10	0.0	5.1	21	11	102	0.10	1.66	2.2	Spain
2161		14:55:32.34	0.49	0.63	38.4342	-6.4931	5.3	3.2	16	0.0	7.6	15	8	151	0.50	1.53	1.8	Spain
2162		23:05:39.98	0.90	0.92	36.5403	-5.2487	10.2	3.3	6	5.3	5.1	18	10	213	0.38	2.04	2.0	Strait of Gibraltar
2163		23:09:09.48	0.21	0.95	37.1926	-3.7280	2.5	1.8	6	0.0	8.5	64	36	42	0.23	7.31	3.8	Spain
2164	03 Dic	01:16:13.65	1.98	1.25	36.3227	-9.3494	53.4	13.8	104	6.8	25.5	10	5	336	0.91	2.61	2.5	West of Gibraltar
2165		01:35:24.71	0.98	0.38	38.1111	-3.5338	7.1	5.0	52	4.6	7.6	12	8	156	0.82	1.65	2.0	Spain
2166		03:43:36.09	0.98	0.47	36.8966	-3.0458	11.4	6.2	8	0.0	34.0	6	4	177	0.13	0.88	1.5	Strait of Gibraltar
2167		05:07:09.84	1.12	1.05	36.6006	-7.4687	8.5	4.7	24	24.4	8.5	18	11	199	0.74	2.78	2.4	Strait of Gibraltar
2168		05:45:26.55	6.00	1.25	38.0077	41.3773	35.8	19.3	62	34.9	42.7	11	11	196	13.52	59.81	4.9	Turkey
2169		08:40:06.06	1.61	0.26	36.4331	-3.6051	17.1	6.1	164	26.5	34.0	6	4	227	0.43	0.95	1.6	Strait of Gibraltar
2170		12:09:48.90	0.71	0.58	37.7284	-6.5546	5.0	3.5	166	10.2	2.4	17	9	99	0.10	1.40	2.0	Spain
2171		14:43:57.51	0.43	0.50	37.9388	-6.7558	3.7	2.9	8	0.0	2.4	17	10	97	0.07	1.26	1.8	Spain
2172		19:14:37.58	0.66	0.75	38.2379	-2.8815	5.8	4.1	150	1.0	6.6	13	8	160	1.12	2.01	2.1	Spain
2173		20:02:51.19	0.74	0.64	35.1314	-4.7233	6.2	3.5	106	34.6	18.5	24	14	152	1.43	4.70	3.0	Strait of Gibraltar
2174		23:47:46.00	0.58	0.30	37.2343	-3.6934	5.5	3.6	34	0.0	34.0	9	5	134	0.20	1.61	1.5	Spain
2175	04 Dic	00:10:11.95	0.87	0.84	37.5544	-14.1688	10.9	4.4	118	20.7	10.9	47	26	201	4.09	9.02	4.3	Azores Cape St. Vincent R
2176		04:15:33.95	0.96	0.91	35.4525	-3.7326	5.9	4.7	113	0.5	8.3	21	11	108	0.65	2.95	2.8	Strait of Gibraltar
2177		05:15:48.62	1.34	0.61	36.7005	-6.9686	13.0	4.6	13	22.6	14.6	20	11	226	0.91	2.40	2.7	Strait of Gibraltar
2178		10:59:05.63	1.09	0.45	36.6031	-7.1650	17.4	4.7	29	22.7	14.7	17	11	216	0.78	2.59	2.5	Strait of Gibraltar
2179		15:23:33.94	4.30	0.13	35.5764	-3.5687	51.8	17.2	166	9.9	65.4	5	4	198	0.57	1.39	2.6	Strait of Gibraltar
2180		15:54:31.45	0.71	0.81	36.6354	-2.7816	5.9	4.5	163	0.0	2.4	8	5	142	0.28	1.17	2.3	Strait of Gibraltar
2181		03:06:20.26	0.63	0.67	37.2149	-3.7063	6.5	4.4	46	0.0	5.9	7	4	128	0.21	1.18	1.4	Spain
2182		07:06:24.18	1.10	0.75	38.4083	-9.2437	9.0	5.4	65	2.8	8.1	13	9	218	0.55	3.03	2.5	Portugal
2183		08:22:33.74	2.40	0.05	36.7775	-7.3320	16.8	9.4	0	13.2	8.1	7	5	286	0.67	1.41	2.1	Strait of Gibraltar
2184		17:15:47.53	0.96	0.77	35.5766	-3.6400	11.5	3.8	46	1.4	8.9	9	6	201	0.62	1.63	2.5	Strait of Gibraltar
2185		20:38:38.00	0.73	0.60	36.2079	-9.7167	9.0	3.6	89	35.2	16.1	33	17	209	1.17	6.18	3.6	Strait of Gibraltar
2186		01:30:05.32	0.65	0.40	37.6960	-7.8541	4.8	3.6	140	10.2	3.6	16	9	104	0.16	1.25	1.8	West of Gibraltar
2187	06 Dic	08:20:34.73	1.77	0.25	36.6215	-3.5034	14.4	7.5	5	13.4	28.5	7	4	254	0.66	0.69	1.6	Portugal
2188		08:32:36.25	0.40	0.49	37.1934	-3.7273	4.6	2.8	175	0.0	2.4	18	11	83	0.23	2.25	2.8	Strait of Gibraltar
2189		08:36:48.58	0.53	0.70	37.1460	-3.6928	5.1	3.8	145	10.2	3.2	15	8	107	0.21	1.65	2.0	Spain
2190		15:26:38.86	1.26	0.38	36.4067	-9.7350	31.7	9.4	36	28.4	35.7	21	11	302	1.03	4.47	2.9	Spain
2191		16:47:39.99	6.12	0.53	-20.1498	-69.8538	214.4	16.4	115	103.2	28.0	11	11	152	0.66	82.70	6.2	Northern Chile
2192		19:00:17.57	0.54	0.57	37.8882	-8.1552	5.2	3.1	110	0.0	5.6	16	9	152	0.24	1.27	1.8	Portugal
2193		20:13:04.98	0.46	0.61	37.1617	-3.6962	4.5	3.3	3	1.0	5.6	21	12	112	0.21	3.07	2.4	Spain
2194	07 Dic	12:39:38.06	0.47	0.47	34.3089	-5.7509	6.5	3.7	81	0.0	5.1	18	9	127	0.95	4.55	3.6	Spain
2195		14:37:30.73	5.41	3.94	12.5019	125.4135	33.5	28.0	175	126.8	51.0	10	10	182	13.71	98.51	5.6	Samar, Philippines
2196		18:32:54.97	2.09	0.48	38.2952	-11.1852	19.9	13.3	147	0.0	16.0	12	8	321	1.63	5.20	3.3	Cape St. Vincent R
2197		18:53:24.32	1.99	0.37	37.0998	-5.8233	14.8	6.3	179	0.0	16.0	7	4	272	0.95	1.45	1.9	Spain
2198		22:58:34.25	2.55	0.14	36.5418	-3.2653	20.3	14.4	139	29.0	16.0	6	3	283	0.44	1.21	1.21	Strait of Gibraltar
2199	08 Dic	13:38:19.91	0.24	1.19	36.9189	-3.7569	3.1	1.9	7	0.0	3.9	50	28	54	0.12	4.82	3.7	Strait of Gibraltar
2200		15:08:39.09	0.53	0.61	37.3614	-8.3241	6.0	4.2	157	19.7	3.9	20	10	140	0.33	2.41	2.4	Portugal

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Snaj	Smaj	Smín	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
2201		16:35:44.83	0.52	1.06	35.1013	-9.3372	3.6	3.6	2.6	119	37.6	15.0	63	36	107	2.07	12.03	5.1	West of Gibraltar
2202		17:21:55.83	1.25	0.54	36.6338	-11.2433	18.0	18.0	10.1	87	35.0	36.8	20	13	244	2.00	6.60	3.8	Cape St. Vincent R
2203		21:23:49.60	0.82	0.68	36.6119	-7.2952	6.5	6.5	3.8	17	0.8	5.0	20	11	179	2.00	2.26	2.5	Strait of Gibraltar
2204	09 Dic	23:45:35.42	1.09	1.02	34.1563	-3.7767	13.3	13.3	3.9	129	6.9	12.9	14	7	210	1.29	3.15	3.1	Morocco
2205		13:10:24.31	0.85	0.57	36.7908	-3.6077	9.5	9.5	3.9	164	0.0	0.0	9	6	177	0.08	0.96	1.6	Strait of Gibraltar
2206		14:17:45.49	0.54	0.48	37.7306	-6.5943	4.5	4.5	3.5	164	0.0	0.0	17	10	100	0.07	1.38	2.1	Spain
2207		18:02:09.46	1.67	0.35	36.6503	-7.5821	24.6	24.6	6.9	156	57.6	30.3	12	7	246	0.65	2.23	2.0	Strait of Gibraltar
2208		19:18:24.76	0.64	0.98	35.3869	-3.5687	10.5	10.5	5.6	148	27.3	13.6	30	16	190	0.51	4.35	3.0	Strait of Gibraltar
2209		19:33:05.03	3.99	0.11	35.4749	-3.4954	23.8	23.8	19.2	124	50.2	70.4	6	4	205	0.47	1.50	2.4	Strait of Gibraltar
2210		19:50:20.29	0.80	0.90	35.5304	-3.6669	8.8	8.8	3.3	43	0.0	0.0	15	8	202	0.62	3.29	2.6	Strait of Gibraltar
2211		19:58:35.15	0.71	0.79	35.5127	-3.6476	6.6	6.6	3.7	33	0.3	5.8	18	10	175	0.60	3.69	2.6	Strait of Gibraltar
2212		23:17:44.60	0.59	0.43	37.2408	-3.7192	6.4	6.4	3.4	16	0.0	0.0	11	6	156	0.23	1.59	1.7	Spain
2213	10 Dic	02:50:11.08	0.69	1.09	35.4484	-3.6349	5.0	5.0	3.6	141	12.8	7.1	34	17	108	0.57	3.90	2.9	Strait of Gibraltar
2214		04:51:45.01	0.66	1.57	35.7557	-14.6823	7.9	7.9	4.2	137	0.0	0.0	32	17	195	3.59	8.19	4.2	Cape St. Vincent R
2215		13:15:02.79	0.61	0.25	36.8094	-4.3420	11.9	11.9	4.5	140	11.4	7.7	14	5	155	0.08	1.19	1.3	Strait of Gibraltar
2216		13:19:51.50	10.43	1.51	24.7205	122.1481	26.0	26.0	16.0	74	12.2	63.6	14	14	177	25.62	106.46	6.0	Taiwan Region
2217		15:32:46.61	2.22	0.20	36.5661	-7.1982	22.6	22.6	6.0	23	39.7	36.0	11	7	245	0.90	2.07	2.0	Strait of Gibraltar
2218		20:42:14.41	7.71	1.41	-33.2193	179.7383	72.4	72.4	20.1	20	148.2	64.8	12	12	112	55.93	171.77	6.0	South of Kermadec Islands
2219		20:49:24.80	8.91	1.17	-19.3704	-175.6931	73.6	73.6	25.4	12	241.4	77.6	11	11	122	58.65	164.47	5.8	Tonga Islands
2220	11 Dic	00:33:31.77	4.19	0.05	35.7578	-3.6877	30.3	30.3	14.5	174	0.0	0.0	4	3	310	1.11	1.19	1.1	Strait of Gibraltar
2221		03:05:05.69	3.06	0.28	39.2557	-9.4679	46.2	46.2	20.2	58	24.3	21.8	6	4	309	0.33	1.98	2.0	Portugal
2222		04:25:43.54	0.42	0.50	36.3299	-7.6670	4.4	4.4	3.0	82	39.6	16.2	39	23	134	0.94	5.40	3.1	Strait of Gibraltar
2223		16:55:55.84	0.60	0.41	37.2089	-3.6896	5.4	5.4	4.1	27	0.0	0.0	8	4	127	0.20	1.19	1.8	Spain
2224		17:59:16.55	0.68	0.28	37.1991	-3.6706	7.1	7.1	4.5	12	0.0	0.0	6	4	124	0.18	1.20	1.3	Spain
2225	12 Dic	07:36:02.76	1.36	0.42	37.0333	-4.2940	16.2	16.2	5.1	147	38.2	10.5	10	5	202	0.17	0.70	1.6	Spain
2226		15:16:56.79	0.55	0.31	37.1491	-3.7094	5.1	5.1	4.0	31	0.0	0.0	9	5	109	0.22	1.32	1.6	Spain
2227		15:54:11.18	0.80	0.88	35.3689	-3.7708	8.0	8.0	4.2	24	33.3	4.5	15	9	196	0.67	2.04	2.6	Strait of Gibraltar
2228		17:18:49.50	0.85	0.24	36.9105	-5.2450	14.0	14.0	6.7	165	18.5	13.1	10	8	133	0.49	2.31	2.1	Strait of Gibraltar
2229		22:34:10.57	0.81	0.51	36.7104	-3.7853	11.3	11.3	7.2	161	23.2	12.3	6	4	129	0.20	0.98	1.7	Strait of Gibraltar
2230		23:17:43.13	2.55	0.32	36.9808	-8.3633	16.3	16.3	6.1	168	6.3	76.9	6	4	239	0.40	0.89	1.6	West of Gibraltar
2231	13 Dic	03:27:24.55	0.81	0.99	35.4497	-3.6643	6.1	6.1	4.7	116	16.3	7.8	21	13	108	0.60	2.81	2.8	Strait of Gibraltar
2232		09:02:32.58	1.15	0.51	36.7300	-7.2116	9.1	9.1	5.1	15	25.1	6.9	15	8	205	0.77	1.91	2.0	Strait of Gibraltar
2233		11:56:47.75	0.56	1.58	36.1017	-8.5684	6.3	6.3	3.3	87	0.0	6.9	35	20	181	1.67	6.14	3.3	West of Gibraltar
2234		12:44:31.88	0.60	0.59	37.3542	-8.5517	6.0	6.0	3.7	137	0.0	0.0	14	9	154	0.31	1.85	1.8	Portugal
2235		17:54:13.54	1.59	0.22	35.4095	-3.6126	17.1	17.1	11.5	111	27.5	25.8	6	4	221	0.55	1.49	2.1	Strait of Gibraltar
2236		17:58:56.99	0.66	0.21	37.1240	-3.6200	6.6	6.6	4.4	156	0.0	0.0	7	4	152	0.17	0.63	1.2	Spain
2237		20:12:14.37	1.60	0.66	42.4287	0.6834	9.1	9.1	4.8	1	4.0	11.2	14	9	181	1.63	6.38	3.6	Pyrenees
2238		22:17:13.53	0.56	0.49	37.2122	-3.6997	5.4	5.4	3.9	25	0.0	0.0	9	5	127	0.21	1.18	1.2	Spain
2239		22:54:44.63	2.02	0.25	35.4106	-3.5705	23.9	23.9	14.6	172	39.2	52.6	9	5	217	0.51	1.51	1.9	Strait of Gibraltar
2240	14 Dic	00:22:58.09	0.62	0.45	36.8059	-3.0236	5.5	5.5	3.7	16	12.6	12.4	13	7	104	0.14	1.13	1.8	Strait of Gibraltar
2241		04:42:55.33	2.11	0.48	36.9148	-11.0594	14.8	14.8	11.7	73	0.0	0.0	14	10	304	1.80	4.63	2.9	Azores
2242		05:12:16.24	0.49	0.63	37.8117	-6.7852	5.4	5.4	3.2	173	0.0	0.0	12	6	122	0.10	1.11	1.7	Cape St. Vincent R
2243		05:29:52.22	2.38	0.26	38.6910	-0.3859	17.5	17.5	6.8	127	4.8	25.0	7	4	149	0.91	1.46	2.3	Spain
2244		06:50:33.76	0.57	0.35	36.7876	-3.0325	4.7	4.7	4.3	8	12.3	7.0	11	6	129	0.16	1.38	2.1	Strait of Gibraltar
2245		13:38:29.75	1.74	0.32	36.7327	-7.4142	19.3	19.3	9.3	31	38.5	49.1	8	4	237	0.66	1.26	2.0	Strait of Gibraltar
2246		13:49:36.53	0.41	0.38	37.7509	-6.6102	3.7	3.7	2.8	10	0.0	0.0	10	11	99	0.05	1.66	2.1	Spain
2247		15:20:50.01	2.34	0.34	-21.6393	-69.7596	194.0	194.0	9.9	107	136.0	11.4	12	11	189	1.59	83.73	5.9	Northern Chile
2248		16:31:23.86	0.89	0.79	36.4450	-5.2989	11.4	11.4	4.9	174	17.0	7.7	16	11	217	0.44	2.49	2.3	Strait of Gibraltar
2249		19:12:30.86	0.84	0.99	35.4473	-3.6129	6.7	6.7	4.7	105	14.9	8.8	25	14	108	3.00	3.00	2.6	Strait of Gibraltar
2250		19:36:06.86	3.53	0.70	72.0272	-1.0098	40.8	40.8	27.7	47	58.8	42.7	16	16	228	11.28	33.98	5.7	Jan Mayen Island Region
2251	15 Dic	01:50:41.58	0.95	0.28	36.9617	-6.8812	7.8	7.8	3.9	21	2.8	9.7	9	7	192	0.75	1.61	1.9	Strait of Gibraltar
2252		01:56:28.66	1.07	0.75	36.0918	-7.8837	5.1	5.1	3.1	75	22.5	8.2	32	17	150	1.15	5.65	3.2	Strait of Gibraltar
2253		06:11:05.66	1.82	0.62	36.2047	-8.4860	18.9	18.9	10.4	82	8.6	11.9	11	6	272	1.13	2.54	2.6	West of Gibraltar
2254		11:43:34.88	1.60	0.31	36.6613	-8.3404	13.1	13.1	8.3	1	28.7	8.4	15	8	270	0.61	2.34	2.5	West of Gibraltar
2255		11:44:31.64	1.27	0.29	36.8176	-3.0655	12.7	12.7	4.6	174	0.0	0.0	6	3	216	0.16	0.49	0.49	Strait of Gibraltar



SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
2256		11:47:51.69	1.16	0.44	36.7860	-7.6213	8.8	5.6	15	25.5	7.3	14	8	203	0.52	1.46	2.3	Strait of Gibraltar
2257		14:20:05.51	0.70	0.73	37.6924	-6.6147	5.4	3.4	169	0.0	4.9	18	10	174	0.09	1.68	2.2	Spain
2258		17:34:06.23	1.22	0.86	35.2871	-10.9910	12.5	5.1	93	0.0	5.1	21	12	252	0.54	5.90	3.5	Azores Cape St. Vincent R
2259		19:21:19.46	0.50	0.33	35.7895	-4.7926	4.4	3.8	100	31.3	5.1	29	17	135	1.00	5.29	3.3	Strait of Gibraltar
2260		19:46:58.40	0.67	0.54	37.0587	-5.4579	6.5	5.2	138	8.1	6.4	12	8	107	0.37	1.98	2.2	Spain
2261		21:54:51.43	0.83	0.18	35.4481	-3.5543	15.7	9.5	117	37.7	42.7	10	6	107	0.51	2.32	2.3	Strait of Gibraltar
2262		22:20:32.48	0.73	0.16	38.5610	-7.3392	4.5	4.0	57	6.0	8.6	10	6	85	1.59	1.4	1.4	Mindanao, Philippines
2263		23:22:02.02	2.75	1.40	5.0405	125.8715	21.0	17.6	41	78.6	22.7	10	8	220	6.79	159.05	6.5	Azores Cape St. Vincent R
2264	16 Dic	01:32:44.77	1.10	0.60	36.4589	-11.2271	15.4	5.2	92	25.1	16.5	30	17	243	2.04	6.44	3.7	Strait of Gibraltar
2265		01:36:30.30	1.73	0.40	36.3451	-3.9166	13.1	4.3	164	0.0	9.0	9	6	231	0.57	0.99	1.5	Spain
2266		06:08:09.13	0.78	0.27	37.8275	-4.1401	13.4	3.7	52	14.4	9.0	9	5	183	0.48	1.04	1.7	Spain
2267		06:23:47.94	0.66	0.27	38.3698	-6.3398	6.6	3.3	9	0.0	4.8	9	6	151	0.58	1.40	1.8	Spain
2268		08:13:18.69	0.79	0.89	36.7179	-7.2847	6.5	3.6	28	16.9	4.8	18	10	171	0.58	1.74	2.4	Strait of Gibraltar
2269		11:40:14.78	1.68	0.59	37.1479	-7.3534	11.6	4.8	165	0.0	9.3	9	5	240	0.40	1.05	2.2	Portugal
2270		14:13:23.74	0.47	0.41	37.7302	-6.6033	4.2	3.0	174	0.0	16.6	18	11	100	0.07	1.66	2.2	Spain
2271		17:47:57.65	0.78	0.70	36.0244	-8.6285	6.7	3.1	83	37.6	16.6	33	18	183	1.12	5.22	3.3	West of Gibraltar
2272		23:23:24.13	0.47	0.61	36.9519	-3.8922	4.5	2.8	5	10.7	2.9	20	10	96	0.23	1.65	2.1	Strait of Gibraltar
2273		23:53:32.36	0.76	0.23	36.2416	-3.9467	7.2	4.1	33	18.0	6.6	14	7	184	0.65	1.07	1.9	Strait of Gibraltar
2274	17 Dic	02:27:25.42	0.98	0.76	35.4013	-3.6830	9.1	6.7	156	15.2	11.2	19	11	190	0.60	3.01	2.3	Strait of Gibraltar
2275		08:24:22.93	2.49	0.34	36.3239	-8.1901	17.2	12.2	37	26.2	9.3	9	6	301	0.94	2.21	2.3	Strait of Gibraltar
2276		12:06:02.26	0.63	0.33	37.1344	-3.1629	6.5	3.6	172	0.0	15.2	12	7	148	0.23	1.52	1.9	West of Gibraltar
2277		14:04:03.93	0.48	0.55	38.3983	-6.5026	5.0	3.1	13	0.0	8.0	17	9	146	0.48	1.53	1.9	Spain
2278		16:40:05.49	0.45	0.49	37.7367	-6.5840	3.9	2.8	5	0.0	8.0	19	11	99	0.08	1.64	2.2	Spain
2279		17:10:51.97	0.74	0.22	36.6670	-2.6493	5.4	4.6	156	0.0	12.0	10	6	154	0.30	1.25	1.8	Strait of Gibraltar
2280		20:19:29.79	0.50	0.61	37.5719	-7.9606	3.8	3.4	83	0.0	12.0	16	9	80	0.09	1.40	1.6	Portugal
2281		20:57:59.75	1.51	0.27	35.0604	-3.5836	14.0	9.6	155	18.7	12.0	11	8	235	0.57	1.92	2.3	Strait of Gibraltar
2282		21:24:12.85	1.82	0.35	36.6881	-7.2959	14.1	7.5	25	16.6	8.0	8	6	236	0.75	1.50	2.0	Strait of Gibraltar
2283	18 Dic	01:22:05.10	0.46	0.41	37.3599	-1.9018	7.3	2.7	137	0.0	9.2	15	9	140	0.34	1.78	1.8	Spain
2284		01:49:02.32	0.99	0.87	35.5130	-3.7058	8.7	3.8	39	5.5	9.2	11	6	212	0.65	1.53	1.9	Strait of Gibraltar
2285		02:07:01.33	0.76	0.58	40.4089	-2.9338	6.8	3.4	22	19.2	7.1	15	10	178	0.26	3.91	2.8	Spain
2286		05:53:42.84	0.50	0.72	36.9174	-5.2718	9.2	4.1	176	19.1	8.1	15	9	133	0.47	2.32	2.1	Strait of Gibraltar
2287		10:50:00.31	0.59	0.61	37.2626	-2.2812	6.0	4.1	152	0.0	6.8	9	5	125	0.30	2.62	1.8	Spain
2288		13:37:11.77	0.41	0.33	37.7355	-6.6098	3.8	2.8	9	0.0	6.8	20	10	100	0.06	1.66	2.0	Spain
2289		18:34:58.17	0.74	0.43	38.6529	-7.8165	7.3	4.2	133	5.7	6.8	9	6	167	0.20	1.41	1.2	Portugal
2290		18:44:51.23	1.24	0.10	37.2712	-3.7306	11.0	4.4	176	0.0	10.0	8	4	223	0.24	0.77	1.3	Spain
2291		20:48:52.87	0.94	0.69	38.1731	-8.3202	7.0	3.4	106	0.0	10.0	11	8	192	0.43	1.36	1.7	Portugal
2292		21:39:38.12	1.86	0.36	36.4201	-7.7817	12.7	7.3	11	27.4	10.0	9	5	237	0.83	1.61	2.1	Strait of Gibraltar
2293	19 Dic	09:52:37.31	0.64	0.51	37.2768	-8.5233	9.7	4.7	167	25.9	6.8	13	7	145	0.28	2.59	2.1	Portugal
2294		09:53:44.21	0.80	0.39	37.3161	-8.5613	11.9	3.9	151	0.0	8.3	8	4	183	0.28	0.89	1.7	Portugal
2295		11:13:02.65	0.45	0.37	37.3817	-2.0372	6.2	2.7	143	1.8	8.3	16	8	122	0.43	2.77	2.2	Spain
2296		21:56:43.41	2.59	0.42	36.6499	-4.6485	20.7	8.4	16	59.0	19.3	7	4	154	0.44	1.37	1.8	Strait of Gibraltar
2297		22:49:11.50	0.60	0.82	36.9270	-5.3175	6.0	4.0	32	0.0	9.7	8	5	133	0.44	1.37	1.8	Strait of Gibraltar
2298	20 Dic	01:16:14.22	0.54	0.67	36.5005	-3.1927	7.5	4.5	70	28.2	9.7	14	8	108	0.47	1.27	1.9	Strait of Gibraltar
2299		03:03:49.08	4.08	0.77	41.0947	-3.1770	33.2	12.0	5	0.0	6.9	5	3	301	0.79	3.48	4.4	Spain
2300		17:03:54.87	0.84	0.81	32.5036	-5.9349	6.0	4.1	140	0.0	14.9	50	29	175	1.22	9.44	4.4	Morocco
2301		17:23:18.90	2.36	0.44	40.7212	142.7808	37.7	10.8	101	15.8	14.9	29	29	219	45.24	97.60	6.2	Near East Coast of Honshu
2302		19:04:43.76	0.46	0.70	37.8544	-8.1238	4.8	2.8	102	0.0	5.5	12	7	144	0.41	1.43	1.9	Portugal
2303	21 Dic	22:35:39.62	0.63	0.43	36.2589	-3.3543	5.7	4.2	40	17.3	5.5	12	7	144	0.41	1.43	1.9	Strait of Gibraltar
2304		00:17:00.83	0.82	0.29	38.0218	-1.2190	16.7	4.0	74	0.0	12.0	7	4	180	0.18	1.31	1.5	Spain
2305		01:43:30.35	2.46	0.22	37.0249	-8.8213	19.1	12.9	26	35.7	12.0	7	4	284	0.11	1.63	1.6	Portugal
2306		01:46:21.40	0.59	0.64	38.1292	-8.7797	5.0	3.3	77	1.1	5.4	21	11	152	0.72	2.65	2.3	Portugal
2307		01:48:01.96	0.73	0.64	38.1230	-8.7718	5.0	3.6	100	0.0	24.5	18	10	151	0.72	2.65	2.3	Portugal
2308		02:37:47.18	0.93	0.37	36.5519	-9.8851	9.0	4.8	93	39.6	16.3	25	16	213	1.03	6.03	3.4	West of Gibraltar
2309		03:20:20.96	1.63	0.49	36.9404	-10.5986	12.6	11.1	74	0.0	24.5	16	10	305	1.43	4.27	2.7	Azores Cape St. Vincent R
2310		08:56:15.96	2.39	0.56	38.2749	-1.5318	55.3	4.1	73	0.0	12.0	6	3	206	0.37	0.80	2.7	Spain

SISMOS DETECTADOS EN EL AÑO 2020

Núm	Date	Ho	Err	RMS	Latitud	Longitud	Smaj	Smin	Az	Depth	ERR	Ndef	Msta	GAP	mdist	Mdist	Mag	Z.Geo.
2311		10:40:04.98	0.84	0.68	39.7054	-1.5148	6.1	4.2	178	9.2	5.9	16	9	152	0.44	4.37	2.9	Spain
2312		12:23:21.05	1.26	0.18	35.4554	-3.5615	15.2	9.5	94	29.4	22.9	10	5	211	0.52	1.48	2.4	Strait of Gibraltar
2313		12:51:25.44	2.56	0.14	36.8216	-8.1976	23.4	20.3	118	35.8	32.6	6	3	330	0.47	0.91	1.7	West of Gibraltar
2314		14:27:42.87	0.47	0.54	37.7441	-6.6019	4.0	3.2	11	0.0	4.3	17	9	99	0.06	1.36	2.0	Spain
2315		22:35:18.66	0.56	0.66	39.7854	-1.4777	5.6	3.1	31	19.0	4.3	32	16	176	0.44	5.24	3.1	Spain
2316	22 Dic	00:53:59.07	1.61	0.48	36.7496	-11.0252	46.1	10.8	56	3.1	35.7	16	10	304	1.80	4.06	3.0	Azores Cape St. Vincent R
2317		03:07:37.52	0.64	0.81	37.9195	-0.9837	6.7	3.6	92	13.6	5.4	18	11	124	0.15	3.51	2.5	Spain
2318		09:05:43.68	0.57	0.86	36.7992	-3.0364	6.8	4.0	12	20.0	7.0	11	7	104	0.15	1.12	1.9	Strait of Gibraltar
2319		14:24:31.81	0.54	0.39	37.7528	-6.6066	4.6	3.5	165	0.0	1.8	20	9	98	0.05	1.36	2.0	Spain
2320		19:42:43.10	0.82	0.81	39.8373	-1.4060	9.2	4.0	32	23.0	1.8	20	9	196	0.42	4.69	3.0	Spain
2321		21:06:32.63	0.90	0.63	35.3862	-3.7390	10.2	6.3	108	27.9	12.6	15	9	194	0.65	2.01	2.2	Strait of Gibraltar
2322		23:29:11.00	1.39	0.41	35.7573	-4.6104	13.2	7.8	178	76.1	15.6	17	9	264	3.10	3.10	2.4	Strait of Gibraltar
2323	23 Dic	11:32:48.67	0.38	8.60	39.2378	-0.7002	3.6	3.0	169	0.0	4.4	44	22	108	0.41	5.98	3.6	Spain
2324		11:36:00.30	1.62	0.23	36.9687	-3.7619	8.7	4.8	16	8.6	21.1	7	4	164	0.15	0.70	1.5	Strait of Gibraltar
2325		12:14:55.52	0.61	0.98	39.2110	-0.5638	5.0	4.1	14	19.0	4.5	29	14	135	0.49	5.69	3.4	Spain
2326		12:44:55.00	0.67	0.32	37.0134	-4.6050	6.9	4.0	100	1.1	14.0	10	5	132	0.29	1.24	1.7	Spain
2327		12:48:53.25	0.72	0.61	37.3602	-8.5965	7.8	5.5	154	10.8	7.1	11	6	162	0.29	1.48	1.8	Portugal
2328		13:56:23.48	0.43	0.47	37.7189	-6.6115	4.0	2.9	7	0.0	9.7	17	10	101	0.07	1.67	2.0	Spain
2329		18:11:57.37	4.05	0.84	5.9759	133.2604	34.9	26.5	30	65.9	32.2	17	17	160	10.78	154.07	6.0	W. Caroline Islands, Mfcer
2330		18:36:52.87	1.46	0.76	36.1592	-3.1918	32.0	7.1	132	22.9	28.3	17	11	273	3.22	6.52	3.8	Northern Algeria
2331	24 Dic	01:02:32.70	1.33	0.60	35.5536	-3.6498	9.1	5.7	3	11.0	5.1	8	7	170	0.62	1.45	2.3	Strait of Gibraltar
2332		13:27:00.74	0.46	0.46	37.7428	-6.6033	4.5	3.0	171	0.0	9.7	18	10	99	0.06	1.66	2.1	Spain
2333		14:45:50.14	1.73	0.71	36.3597	-4.4129	13.6	10.2	179	87.3	9.7	10	6	254	0.35	2.29	1.2	Spain
2334		18:37:08.52	0.63	0.46	37.4079	-3.3030	5.7	4.2	54	0.0	4.2	9	6	100	0.23	1.86	1.4	Spain
2335		22:29:22.62	0.48	0.43	38.4256	-7.7039	4.1	3.3	33	0.0	5.2	14	7	104	0.27	1.19	1.8	Spain
2336		23:43:51.53	5.35	1.16	13.4431	120.7015	31.5	26.3	73	197.7	52.3	10	10	166	14.54	95.00	6.0	Mindoro, Philippines
2337	26 Dic	04:11:40.37	2.21	0.86	36.6046	-9.8171	62.7	18.4	62	23.6	57.9	38	7	321	0.95	3.80	2.6	West of Gibraltar
2338		04:47:48.10	0.38	7.86	36.3024	-7.6175	4.5	2.6	80	0.0	4.5	38	22	134	0.97	5.67	3.3	Strait of Gibraltar
2339		04:51:34.19	0.43	0.54	37.7879	-6.8845	3.6	2.9	177	0.0	4.2	18	10	99	0.13	1.23	1.9	Spain
2340		13:38:41.69	0.67	0.36	39.6469	-3.1549	8.6	5.2	84	0.0	17.4	14	3	136	0.66	1.85	2.6	Spain
2341		14:04:13.36	1.59	0.27	35.7235	-4.6281	15.9	8.4	6	77.5	8.5	6	7	274	0.85	3.12	2.6	Strait of Gibraltar
2342	27 Dic	06:37:44.23	2.98	0.62	38.4572	39.0037	29.6	11.1	29	98.0	25.9	26	26	147	11.74	88.90	5.5	Turkey
2343		08:46:03.77	0.56	0.65	39.7845	-1.4810	6.1	3.2	25	16.7	4.6	31	16	168	0.44	4.83	3.3	Spain
2344		11:23:06.82	0.36	0.80	37.0473	-3.9355	5.2	2.9	2	10.2	0.9	28	20	108	0.15	4.61	3.1	Spain
2345		18:04:03.39	0.60	0.59	37.8082	-4.0281	5.3	3.2	46	20.5	5.5	21	13	116	0.56	3.22	2.6	Spain
2346		18:49:25.87	2.30	0.16	35.8454	-4.7889	22.4	6.2	138	15.5	15.8	7	4	234	0.48	1.39	2.0	Strait of Gibraltar
2347		19:01:29.33	1.36	1.01	37.9426	-8.3679	11.5	5.7	100	0.0	15.8	8	5	231	0.40	1.34	1.8	Portugal
2348		21:39:14.37	0.69	1.00	-39.2730	-75.3023	42.6	13.7	107	0.0	47.4	17	17	166	15.18	142.39	6.5	Off Coast of Central Chili
2349		22:08:22.12	3.02	0.08	37.9731	-0.4446	30.5	20.2	36	29.0	4.0	6	4	243	0.59	1.67	2.3	Spain
2350	28 Dic	05:26:38.21	1.10	0.50	36.6202	-4.6342	8.9	4.1	178	79.9	7.8	22	16	165	0.12	3.29	2.2	Strait of Gibraltar
2351		05:28:08.33	1.44	1.07	45.4672	16.3670	21.0	11.6	38	0.0	7.8	6	6	199	3.78	17.20	5.6	NW Balkan Region
2352		06:23:28.40	0.91	0.39	36.8721	-3.0594	11.6	4.3	3	0.0	4.6	6	3	190	0.14	0.45	3.3	Strait of Gibraltar
2353		11:00:32.17	0.35	0.80	36.9280	-3.8088	4.4	2.2	4	0.0	24.0	31	17	132	0.16	3.70	3.3	Strait of Gibraltar
2354		14:04:25.38	0.54	0.48	37.7297	-6.5980	4.3	3.4	169	0.0	4.0	17	9	100	0.07	1.37	2.5	Spain
2355	29 Dic	01:01:10.58	2.55	0.15	37.0466	-4.2159	26.5	5.1	107	15.2	24.0	6	3	157	0.11	1.15	1.7	Spain
2356		08:35:41.27	0.55	0.57	37.2240	-3.6762	5.5	3.6	23	0.0	4.0	10	5	132	0.19	1.18	1.7	Spain
2357		10:25:54.60	1.45	0.98	36.0278	-10.4513	15.1	6.7	105	0.0	4.0	18	11	245	1.71	5.75	3.3	Azores Cape St. Vincent R
2358		11:19:53.90	0.58	0.98	45.4822	16.2816	9.3	6.2	11	0.0	4.0	51	51	127	3.75	100.99	6.6	NW Balkan Region
2359		17:02:48.17	0.53	0.58	37.0715	-3.9112	6.4	4.0	179	11.0	4.0	10	5	101	0.16	1.21	1.3	Spain
2360		23:05:38.33	2.72	0.25	38.3180	-1.1844	54.1	6.6	64	0.0	12.2	5	3	209	0.43	0.74	1.4	Spain
2361	30 Dic	00:23:27.30	1.95	0.25	36.6307	-4.6874	13.7	6.6	6	72.6	15.2	13	9	151	0.10	2.81	1.4	Strait of Gibraltar
2362		02:20:32.60	0.71	0.66	38.2404	-1.4533	11.2	4.0	75	15.0	15.2	9	6	161	0.41	3.13	2.2	Spain
2363		03:34:14.64	2.32	0.21	35.6067	-3.4992	40.2	6.1	65	19.0	26.6	7	5	189	0.53	1.41	2.5	Strait of Gibraltar
2364		04:23:31.70	0.96	0.65	34.6114	-15.5726	13.6	4.4	136	81.7	8.0	14	9	189	2.24	7.92	4.6	Madeira Islands, Portugal
2365		06:05:22.71	0.81	0.74	36.4850	-2.9563	6.0	5.3	94	23.8	13.9	9	5	135	0.42	0.82	1.8	Strait of Gibraltar
2366		14:19:16.28	0.48	0.62	38.4352	-6.5010	4.4	3.2	19	0.0	4.0	18	10	150	0.50	1.65	2.2	Spain

