

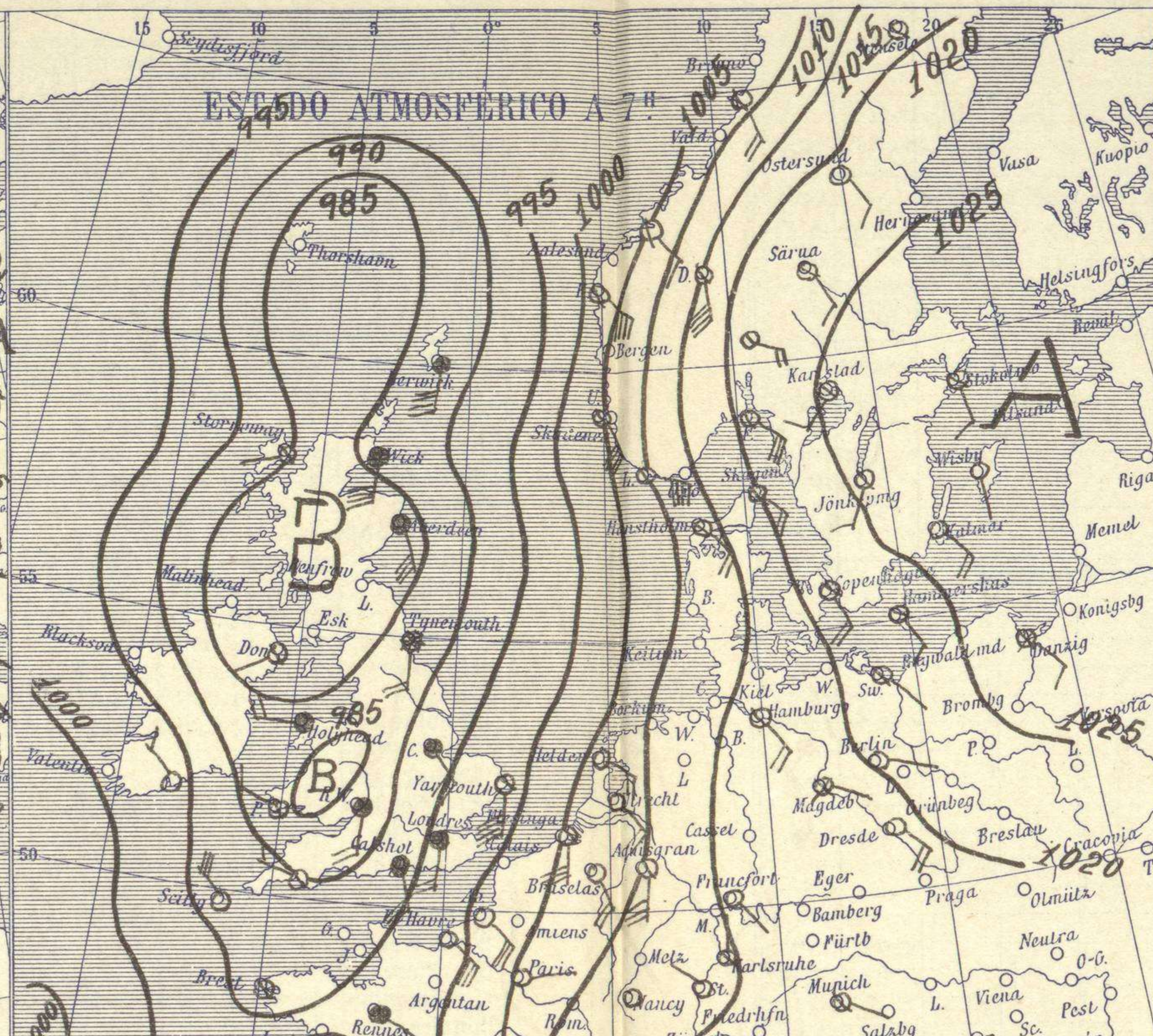
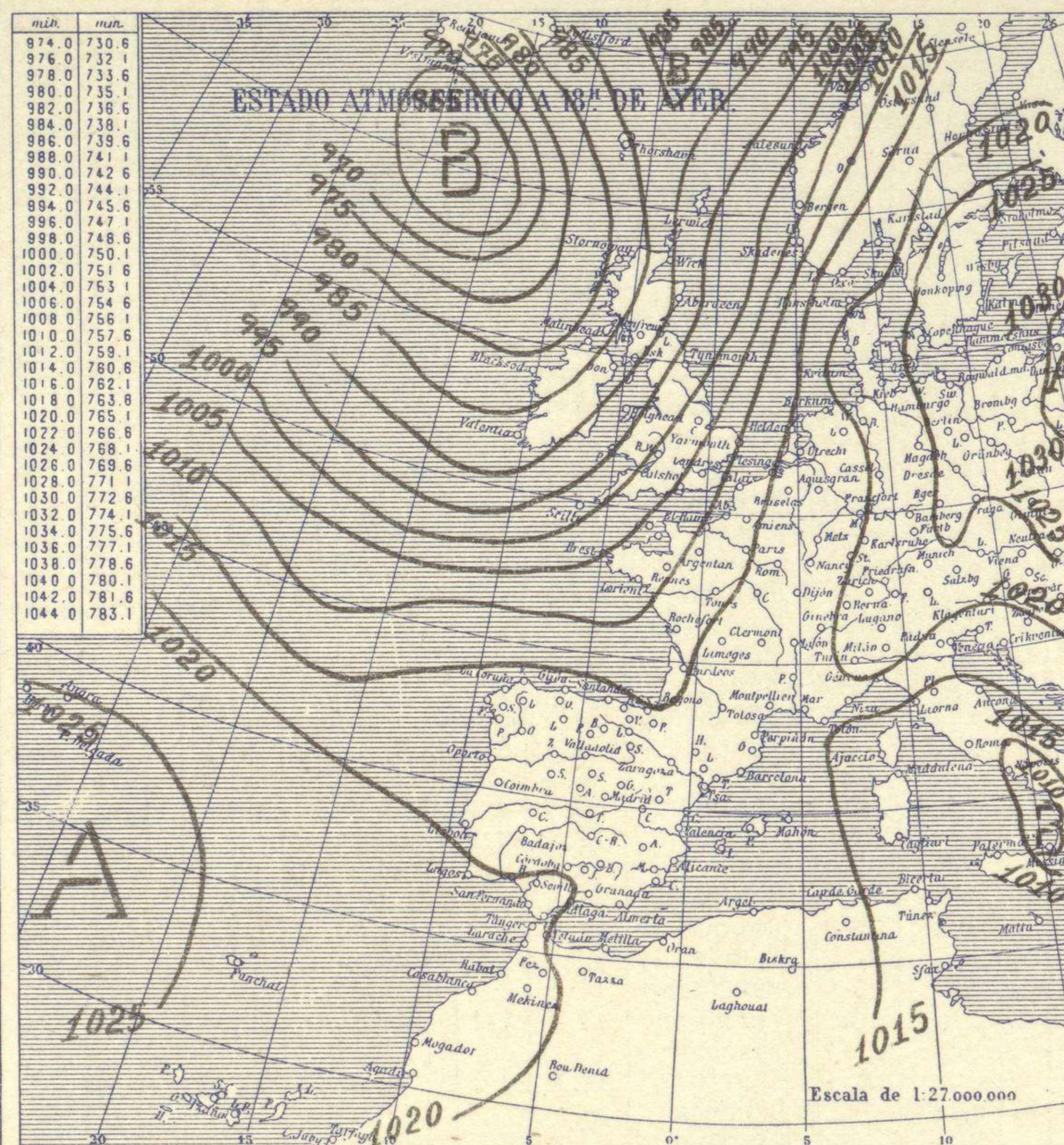


SERVICIO METEOROLÓGICO ESPAÑOL.

Boletín del Sábado 21 de Diciembre de 1.929

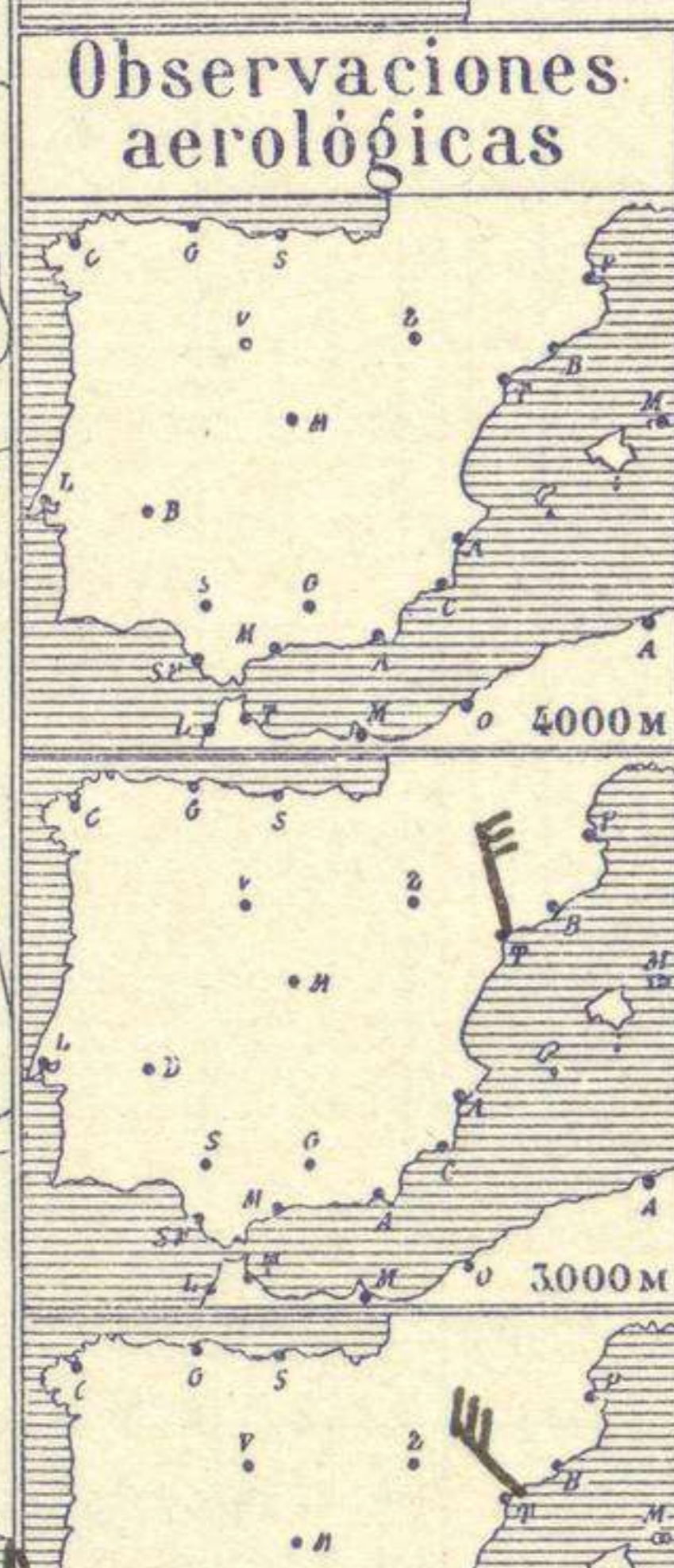
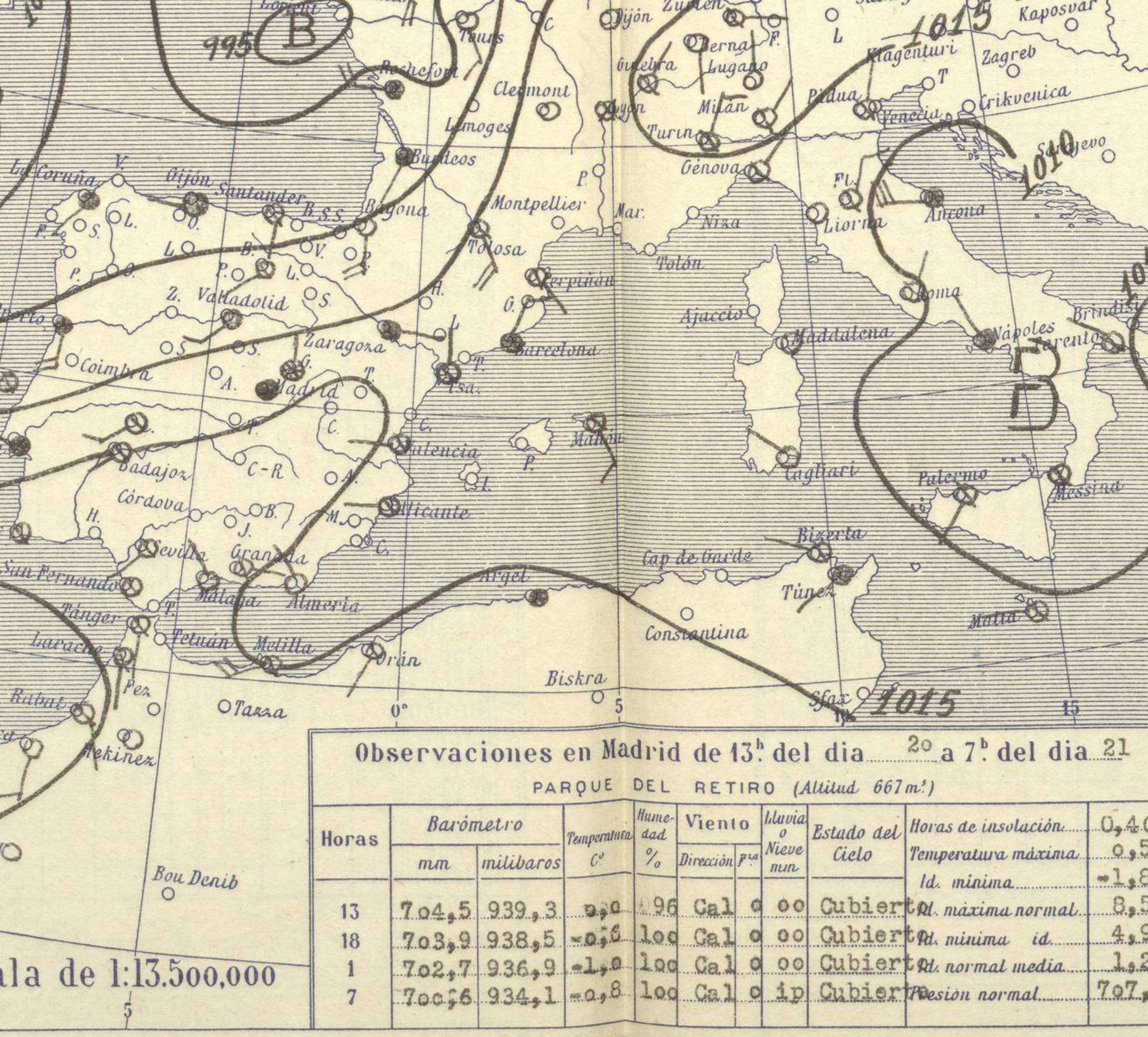
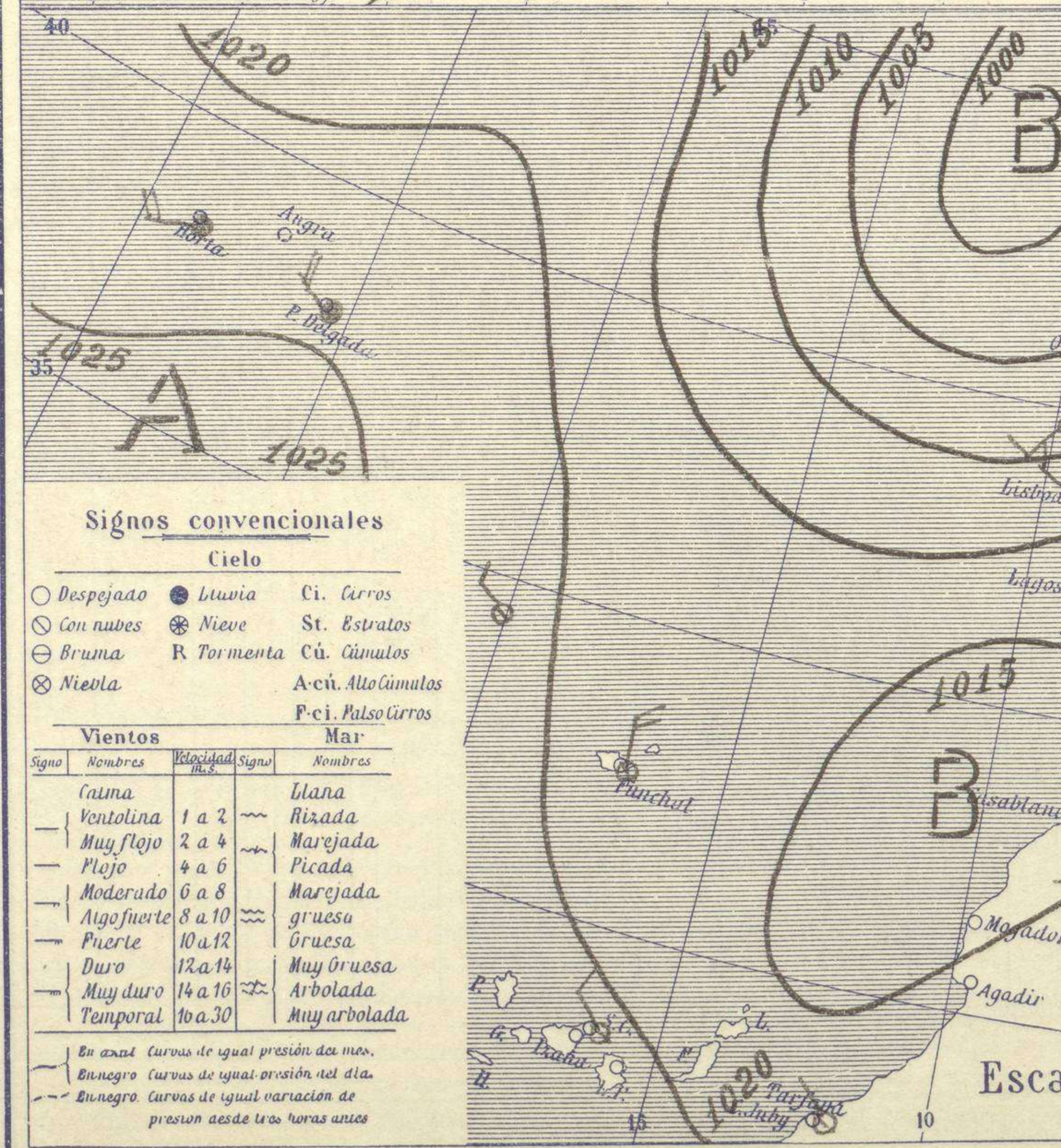
AÑO XXXVII

Núm.º 355...



Temperaturas extrema y Lluvia

| Estaciones | Temperaturas | | Lluvia mm |
|---------------|--------------|--------|-----------|
| | Max. | Minim. | |
| La Coruña | 7 | 6 | |
| Santiago | 9 | 12 | |
| Pontevedra | | | |
| Lugo | | | |
| Orense | 8 | 6 | 20 |
| Gijón | 11 | 7 | 3 |
| Oviedo | 9 | 5 | 3 |
| Santander | 13 | 9 | |
| Bilbao | | | |
| San Sebastián | 9 | | |
| León | 7 | 7 | |
| Zamora | 8 | 2 | |
| Palencia | 6 | 1 | 04 |
| Burgos | 5 | -1 | |
| Soria | 8 | -1 | 1 |
| Valladolid | 7 | 0 | 2 |
| Salamanca | 8 | 1 | 2 |
| Ávila | 8 | 2 | |
| Segovia | 5 | 1 | 5 |
| Madrid | 1 | +1 | ip |
| Toledo | 8 | -2 | 1 |
| Guadalajara | 4 | +6 | |
| Cuenca | 8 | -1 | |
| Ciudad-Real | 10 | -1 | |
| Albacete | 9 | 0 | |
| Cáceres | 12 | 5 | 1 |
| Badajoz | 14 | 9 | ip |
| Vitoria | 8 | | 2 |
| Logroño | 11 | -2 | 08 |
| Pamplona | 5 | -2 | |
| Huesca | 5 | -1 | |
| Zaragoza | 0 | -4 | |
| Lérida | | | |
| Oerona | 9 | 1 | |
| Barcelona | 19 | 5 | ip |
| Tarragona | 11 | 3 | |
| Tortosa | 11 | 0 | |
| Teruel | 5 | -8 | |
| Castellón | 11 | 3 | |
| Valencia | 11 | 3 | |
| Alicante | 14 | 3 | |
| Murcia | 16 | 1 | |
| Sevilla | 19 | 8 | |
| Córdoba | 14 | | |
| Jaén | 10 | 5 | |
| Baeza | 9 | 2 | |
| Granada | 11 | 2 | |
| Huelva | 16 | 9 | |
| San Fernando | 10 | | |
| Tarifa | | | |
| Algeciras | 17 | 11 | |
| Málaga | 18 | 7 | |
| Almería | 15 | 7 | |
| Palma | | | |
| Ibiza | | | |
| Mahón | 10 | 3 | 8 |
| Las Palmas | | | |
| St Cruz de T. | 21 | 15 | |
| Laguna | | | |
| Izania | | | |
| Tetuán | 16 | | |
| Melilla | | | |
| Tánger | 10 | 14 | |



Estado General

La perturbación atmosférica del Atlántico occidental actúa ya directamente en Europa. Presenta un núcleo en las Islas Británicas otro al occidente en el Atlántico, un tercero al Oeste de Galicia y uno más en el golfo de Cádiz. Todo ello produce ambiente encalmado, muchas nieblas y lluvias de poca consideración en las Islas Británicas, Francia, Países Bajos y España.

Tiempo probable

EN LAS REGIONES.

| | |
|------|---|
| I | |
| II | |
| III | |
| IV | |
| V | Vientos flojos de dirección variable y tiempo favorable para que se formen nieblas y lloviznas. |
| VI | |
| VII | |
| VIII | |
| IX | |
| X | |
| XI | |
| XII | |

Observaciones en Madrid de 13^h del día 20 a 7^h del día 21

PARQUE DEL RETIRO (Altitud 667 m.)

| Horas | Barómetro | | Temperatura | Humedad | Viento | Lluvia | Estado del Cielo | Horas de insolación | |
|-------|-----------|-----------|-------------|---------|--------|--------|------------------|---------------------|---|
| | mm | milibaros | | | | | | °C | % |
| 13 | 704,5 | 939,3 | 9,0 | 96 | Cal | 00 | Cubier | 0,4 | 0 |
| 18 | 703,9 | 938,5 | 9,0 | 100 | Cal | 00 | Cubier | 0,5 | 0 |
| 1 | 702,7 | 936,9 | 8,1 | 100 | Cal | 00 | Cubier | 1,8 | 0 |
| 7 | 700,6 | 934,1 | 8,8 | 100 | Cal | ip | Cubier | 4,2 | 0 |

Signos convencionales

Cielo

- Despejado
- Lluvia
- ☉ Ci. Cirros
- ☁ Con nubes
- ☇ Nieve
- ☉ St. Estratos
- ☁ Bruma
- R Tormenta
- ☉ Cú. Cúmulos
- ☁ Niebla
- A-cú. Alto Cúmulos
- P-cú. Pseudo Cirros

Vientos

| Signo | Nombres | Velocidad | Signo | Nombres |
|-------|-------------|-----------|-------|-----------------|
| — | Calma | 0 | — | Ulana |
| — | Ventolina | 1 a 2 | — | Rizada |
| — | Muy flojo | 2 a 4 | — | Marejada |
| — | Flejo | 4 a 6 | — | Picada |
| — | Moderado | 6 a 8 | — | Marejada gruesa |
| — | Algo fuerte | 8 a 10 | — | Gruesa |
| — | Fuerte | 10 a 12 | — | Gruesa |
| — | Duro | 12 a 14 | — | Muy gruesa |
| — | Muy duro | 14 a 16 | — | Arbolada |
| — | Temporal | 16 a 30 | — | Muy arbolada |

Mar

En azul Curvas de igual presión del mar.
En negro Curvas de igual presión del día.
En negro Curvas de igual variación de presión desde tres horas antes.

Escala de 1:13.500.000

OBSERVACIONES DE ESPAÑA

| ESTACIONES | PRESIÓN MILIBARES | | | VIENTO D. y F. | TEMPERATURA C. | HUMEDAD % | TIEMPO | | NUBES | MAR | VIBRIDAD | DIRECCIÓN Y FUERZA DEL VIENTO A | | | | | | | | |
|-------------------|---------------------|-----------|--------------------------------|-------------------|-------------------|--------------|--------|----|-----------|-----|----------|--|--------|--------------------------------|------|-------|------|------|------|------|
| | á O. N. M. G. N. | | VARIACIÓN | | | | C. | C. | | | | PRESENTE | PASADO | 250 | 500 | 1000 | 2000 | 3000 | 4000 | 5000 |
| | N. M. G. N. | VARIACIÓN | OBSERVACIONES Á 7 ^h | | | | | | | | | | | | | | | | | |
| La Coruña | 02.3 | -4.5 | 5 | SW-2 | 13 | 85 | LL | LL | Nb | 4 | 4 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Gijón | 01.4 | +3.0 | 5 | W-2 | 9 | 85 | LL | LL | Cu-nb | 1 | 4 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Santander | 03.4 | -4.0 | 5 | S-1 | 11 | 65 | N | N | Cu | 0 | 7 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Valladolid | 09.9 | +2.5 | 5 | SW-3 | 5 | 97 | LL | LL | Nb | 6 | 6 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Zaragoza | 13.0 | -1.5 | 5 | E-2 | -1 | 100 | LL | NB | | ? | 3 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Barcelona | 11.7 | -1.5 | 6 | NNE-3 | 6 | 75 | LL | LL | Nb | 6 | 6 | NE-2 | ENE-2 | OBSERVACIONES Á 7 ^h | | | | | | |
| Tortosa | 12.1 | -1.5 | 5 | N-1 | 1 | 95 | N | N | A-st | 5 | 5 | N-1 | S-2 | WSW-2 | NW-6 | NNW-6 | | | | |
| Mahón | 11.7 | -1.0 | 5 | SSE-3 | 8 | 85 | N | LL | Cu A-st | 3 | 7 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Madrid | 14.5 | -1.5 | 5 | Cal-0 | -1 | 100 | LL | NB | St Nb | 4 | 4 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Badajóz | 13.0 | -2.5 | 5 | SW-1 | 10 | 95 | N | N | Nb | 6 | 6 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Alicante | 13.2 | -1.0 | 5 | W-1 | 8 | 65 | N | D | St-cu | 0 | 8 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Granada | 18.7 | -1.0 | 7 | E-1 | 3 | 85 | N | N | St-cu | 6 | 6 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Sevilla | 16.5 | -1.0 | 5 | SW-1 | 8 | 93 | N | N | Cu | 5 | 5 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Almería | 12.3 | -0.5 | 7 | NW-1 | 9 | 55 | D | N | A-cu | 0 | 7 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Málaga | 15.7 | -1.0 | 6 | NW-1 | 12 | 55 | D | N | Cu | 1 | 5 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| S. Fernando | 17.0 | -1.0 | 5 | Cal-0 | 10 | 97 | N | N | Cu-nb, Cu | 7 | 7 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Melilla | 16.4 | -0.5 | 7 | WSW-4 | 13 | 55 | N | D | St-cu | 2 | 7 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Tetuán | | | | | | | | | | | | OBSERVACIONES Á 7 ^h | | | | | | | | |
| S. C. de Tenerife | 22.5 | -0.5 | 6 | NW-3 | 18 | 65 | N | N | Cu | 0 | 9 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| Izaña | 12.7 | -1.5 | 8 | W-1 | 6 | 75 | N | N | Ci-st | 6 | 6 | OBSERVACIONES Á 7 ^h | | | | | | | | |
| | | | | | | | | | | | | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| La Coruña | 16.9 | 0.0 | 6 | SW-1 | 10 | 94 | LL | LL | Nb | 4 | 6 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Gijón | 13.7 | -0.5 | 5 | W-2 | 10 | 74 | N | N | Cu, St-cu | 1 | 5 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Santander | 14.3 | -1.0 | 5 | SW-1 | 11 | 54 | NB | N | St-cu, St | 1 | 4 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Valladolid | 17.8 | -0.5 | 6 | Cal-0 | 0 | 84 | D | D | Cu, Ci | 6 | 6 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Zaragoza | 15.9 | -1.0 | 6 | Cal-0 | 3 | 64 | D | D | | ? | ? | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Barcelona | 15.1 | 0.0 | 0 | NNW-1 | 8 | 64 | N | NB | Cu, A-st | ? | 6 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Tortosa | 15.5 | 0.0 | 0 | W-1 | 6 | 84 | D | D | A-st | ? | ? | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Mahón | 15.8 | 0.0 | 0 | Cal-0 | 7 | 74 | N | N | Cu | 1 | 6 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Madrid | 18.6 | -0.5 | 8 | Cal-0 | -1 | 100 | NB | NB | St | 1 | 1 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Badajóz | 19.0 | 0.0 | 5 | Cal-0 | 11 | 74 | N | N | St-cu | 7 | 7 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Alicante | 15.5 | 0.0 | 5 | NNW-1 | 6 | 64 | D | D | St-cu | 1 | 7 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Granada | 21.1 | 0.5 | 0 | Cal-0 | 5 | 74 | D | D | Cu, St | 7 | 7 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Sevilla | 19.8 | -0.5 | 6 | Cal-0 | 9 | 74 | N | N | Cu, St | 5 | 5 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Almería | 17.3 | 0.5 | 3 | N-2 | 12 | 74 | N | N | A-cu | 0 | 7 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Málaga | 17.3 | 0.0 | 0 | NW-2 | 13 | 54 | D | D | | ? | 6 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| S. Fernando | 20.6 | 0.0 | 0 | WNW-2 | 14 | 74 | N | N | Cu | 1 | 7 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Melilla | 19.1 | 1.0 | 0 | S-3 | 15 | 84 | N | N | Cu | 4 | 7 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Tetuán | 18.9 | 1.0 | 3 | W-4 | 13 | 74 | N | D | Cu | 7 | 7 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| S. C. de Tenerife | 22.7 | 0.5 | 3 | E-3 | 19 | 54 | D | D | Cu | 0 | 9 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |
| Izaña | 06.5 | -0.5 | 8 | NW-7 | 3 | 94 | D | D | | 7 | 7 | OBSERVACIONES Á 18 ^h de ayer. | | | | | | | | |

| ESTACIONES | PRESIÓN MILIBARES | | | VIENTO D. y F. | TEMPERATURA C. | TIEMPO | PRESIÓN MILIBARES | VIENTO D. y F. | ESTACIONES | PRESIÓN MILIBARES | | | VIENTO D. y F. | TEMPERATURA C. | TIEMPO | PRESIÓN MILIBARES | VIENTO D. y F. | | | | | | | | | | | | | |
|---------------|---------------------|-----------|--------------------------------|-------------------|-------------------|--------|-------------------|-------------------|------------|-------------------|------|----------|-------------------|-------------------|--------|-------------------|-------------------|--------|---------------------------|--|-----------|----|----|----------|--------|---------------------|--|-----------|----|----|
| | á O. N. M. G. N. | | VARIACIÓN | | | | | | | C. | C. | PRESENTE | | | | | | PASADO | á O. N. M. G. N. | | VARIACIÓN | C. | C. | PRESENTE | PASADO | á O. N. M. G. N. | | VARIACIÓN | C. | C. |
| | N. M. G. N. | VARIACIÓN | OBSERVACIONES Á 8 ^h | | | | | | | | | | | | | | | | OBSERV. Á 18 ^h | | | | | | | | | | | |
| Vares | 12.1 | -1.0 | 5 | SW-3 | 9 | LL | A | | Cáceres | | | | | | | | | 1018.3 | W-1 | | | | | | | | | | | |
| Finisterre | 09.9 | -4.0 | 9 | SW-7 | 13 | N | LL | | Vitoria | 07.8 | -0.5 | 5 | SSE-0 | 4 | LL | LL | | 15.8 | ENE-0 | | | | | | | | | | | |
| Santiago | 01.1 | -4.5 | 5 | SE-5 | 11 | LL | A | 1016.7 | Logroño | 12.3 | ? | | Cal-0 | 0 | nv | nv | | 17.9 | W-0 | | | | | | | | | | | |
| Pontevedra | | | | | | | | 15.0 | Pamplona | 11.0 | -1.0 | 5 | NNW-1 | 0 | N | nv | | | | | | | | | | | | | | |
| Lugo | | | | | | | | | Huesca | 16.2 | -2.0 | 5 | E-1 | 1 | NB | NB | | 18.2 | E-2 | | | | | | | | | | | |
| Orense | 04.5 | ? | | S-1 | 9 | LL | LL | 17.8 | Lérida | | | | | | | | | | | | | | | | | | | | | |
| Oviedo | 00.0 | -2.5 | 5 | SW-0 | 10 | N | LL | 14.6 | Gerona | 12.1 | -1.5 | 5 | E-1 | 3 | N | NB | | 15.5 | NNE-1 | | | | | | | | | | | |
| Bilbao | | | | | | | | | Tarragona | 11.3 | ? | | NNE-1 | 5 | N | N | | 14.9 | N-1 | | | | | | | | | | | |
| San Sebastián | 05.3 | -1.0 | 6 | SSW-3 | 10 | N | N | 14.9 | Teruel | 15.9 | -1.5 | 5 | Cal-0 | -5 | N | N | | 15.1 | Cal-0 | | | | | | | | | | | |
| León | 08.6 | ? | | NE-2 | 3 | NB | NB | | Castellón | 11.9 | -0.5 | 5 | NW-0 | 4 | N | N | | 15.9 | SSE-0 | | | | | | | | | | | |
| Zamora | 06.7 | -2.0 | 8 | SW-5 | 7 | N | A | 15.4 | Valencia | | | | | | | | | 16.3 | SW-0 | | | | | | | | | | | |
| Palencia | 08.5 | -2.0 | 5 | SW-2 | 5 | LL | LL | 17.9 | Murcia | 11.9 | ? | | W-2 | 3 | N | ? | | 14.1 | W-2 | | | | | | | | | | | |
| Burgos | | | | | | | | 16.7 | Córdoba | 17.1 | -0.5 | 5 | NE-1 | 6 | N | N | | 19.7 | SW-1 | | | | | | | | | | | |
| Soria | 09.8 | -1.5 | 5 | W-2 | 2 | nv | nv | 17.5 | Jaén | 15.9 | ? | | S-3 | 8 | N | N | | 19.8 | SW-1 | | | | | | | | | | | |
| Salamanca | 01.4 | -1.5 | 9 | SW-0 | 5 | N | LL | 17.3 | Baeza | 16.6 | -1.5 | 5 | NW-1 | 5 | N | N | | 19.7 | NW-2 | | | | | | | | | | | |
| Avila | 09.9 | ? | | SSW-0 | 4 | N | N | 16.9 | Huelva | 14.9 | ? | | S-0 | 13 | N | N | | 19.7 | NW-0 | | | | | | | | | | | |
| Segovia | 10.7 | 2.0 | 2 | SW-1 | 4 | LL | LL | 19.6 | Tarifa | 15.1 | 0.5 | 3 | SW-1 | 14 | N | ? | | | | | | | | | | | | | | |
| Toledo | 14.7 | -1.0 | 5 | ENE-1 | -2 | N | nv | 18.3 | Algeciras | 15.1 | 0.5 | 0 | SW-0 | 13 | N | N | | | | | | | | | | | | | | |
| Guadalajara | | | | | | | | 18.6 | Tánger | | | | | | | | | | | | | | | | | | | | | |
| Cuenca | 12.1 | -1.5 | 5 | Cal-0 | 2 | N | D | 15.3 | Palma | 11.4 | -0.5 | 8 | E-1 | 4 | N | D | | 15.0 | SW-0 | | | | | | | | | | | |
| Ciudad Real | 14.2 | 2.5 | 2 | Cal-0 | 3 | NB | N | 17.9 | Las Palmas | | | | | | | | | | | | | | | | | | | | | |
| Albacete | 15.3 | -0.5 | 6 | Cal-0 | 1 | N | N | 17.3 | Laguna | | | | | | | | | | | | | | | | | | | | | |

NOTICIAS

Expresado en medias horas antes observación.
 .. D Despejado ó semidespejado - N Nuboso ó cubierto - NB Niebla ó bruma - A Aguaceros - LL Lloviznas - LL Lluvias - G Granizo (sin truenos) - An Aguanieve - nv Nieve - T Tormenta.
 ... D Despejado ó semidespejado - N Nuboso - NC Cubierto constantemente - NB Niebla ó bruma - A Aguaceros - LL Lloviznas - nv Nieve ó aguanieve - G Granizo (sin truenos) - T Tormenta.
 Sobre el nivel del mar.