

# DIRECCIÓN GENERAL DEL INSTITUTO GEOGRÁFICO Y ESTADÍSTICO

AÑO XXI

## BOLETÍN

1913

Núm. 174

DEL

13 de Julio

### OBSERVATORIO CENTRAL METEOROLÓGICO

#### Observaciones del Extranjero

| Observaciones de la mañana á las 7 <sup>h</sup> |                         |                      |             |           |                 |                  |                | Id. en las 24 horas |                           | Id. de la vispera por la tarde |                                |             |           |                 |                  |         |
|---|-------------------------|----------------------|-------------|-----------|-----------------|------------------|----------------|---------------------|---------------------------|--------------------------------|--------------------------------|-------------|-----------|-----------------|------------------|---------|
| Estaciones                                      | Barómetro               |                      | Temperatura | Viento    |                 | Estado del cielo | Estado del mar | Lluvia ó nieve      | Temp. extr. <sup>as</sup> |                                | Barom. á 0° y al nivel del mar | Temperatura | Viento    |                 | Estado del cielo |         |
|   | á 0° y al nivel del mar | Variación en 3 horas |             | Dirección | F <sup>va</sup> |                  |                |                     | Max. <sup>a</sup>         | Min. <sup>a</sup>              |                                |             | Dirección | F <sup>va</sup> |                  |         |
| Escandinavia                                    | Bodo                    | 764.6                | 0.0         | 13.0      | N               | 1                | so             | R <sup>a</sup>      | 13                        | 11                             | 762.2                          | 12.8        | NW        | 1               | c. cub.          |         |
|   | Cristiansund            | 763.2                | +0.5        | 13.7      | N               | 1                | c. cub.        | R <sup>a</sup>      | 15                        | 13                             | 762.2                          | 14.0        | cal       | 0               | so               |         |
|   | Shudesnoes              | 761.1                | 0.0         | 13.7      | cal             | 0                | cub.           | N <sup>a</sup>      | 14                        | 10                             | 762.9                          | 14.4        | NW        | 3               | so               |         |
| Europa Oriental y Central                       | Riga                    | 758.0                | 0.0         | 22.0      | E. N. E.        | 0                | so             |                     |                           |                                | 756.9                          | 21.4        | E. N. E.  | 1               | so               |         |
|   | Moscou                  | 755.9                | +0.4        | 14.1      | E. N. E.        | 0                | lluvia         | 1                   |                           |                                | 755.2                          | 14.4        | S. E.     | 0               | sub.             |         |
|   | Nicolaiew               | 749.0                |             | 15.9      | N. N. W.        | 1                | sub.           | 4                   |                           |                                | 749.7                          | 16.3        | N         | 0               | c. cub.          |         |
|   | Feldkirch               | 766.0                | +0.6        | 12.6      | cal             | 0                | so             |                     |                           |                                | 765.6                          | 12.6        | cal       | 0               | so               |         |
|   | Cuernorvitz             | 748.6                | +0.6        | 15.4      | NW              | 7                | sub.           | 8                   | 21                        | 9                              | 751.2                          | (2)         | NW        | 0               | ?                |         |
|   | Gracovia                | 757.0                | +1.1        | 14.8      | NW              | 3                | lluvia         | 5                   | 16                        | 14                             | 754.6                          | 13.0        | NW        | 2               | lluvia           |         |
|   | Pola                    | 761.9                | +0.8        | 18.4      | cal             | 0                | so             |                     | (?)                       | 13                             | 759.5                          | 18.4        | cal       | 0               | so               |         |
|   | Viena                   | 762.6                | +1.2        | 15.0      | N. N. W.        | 4                | c. cub.        | 6                   | 15                        | 12                             | 759.6                          | 12.0        | N. N. W.  | 5               | lluvia           |         |
|   | Berlin                  | 762.5                | +0.0        | 15.1      | NW              | 3                | c. cub.        |                     | 23                        | 15                             | 760.3                          | 19.3        | NW        | 3               | c. d.            |         |
| Berna   | 764.0                   | 0.0                  | 18.5        | S. E.     | 0               | so               |                |                     |                           | 763.3                          | 14.3                           | S. E.       | 0         | c. cub.         |                  |         |
| Islas Británicas                                | Stornoway               | 759.7                | +0.3        | 12.8      | cal             | 0                | c. cub.        | cal. Inap.          | 16.7                      | 11.7                           | 759.5                          | 26.0        | S. W.     | 0               | sub.             |         |
|   | Shields                 | 760.7                | 0.0         | 14.4      | cal             | 0                | cub.           | R <sup>a</sup>      | 2                         | 18.3                           | 12.8                           | 759.7       | 16.7      | E               | 3                | c. cub. |
|   | Valentia                | 761.0                | +0.8        | 15.3      | N               | 1                | cub.           | M. lla              | 1.0                       | 16.1                           | 12.8                           | 759.7       | 14.4      | S. W.           | 3                | Brunna  |
| Francia   | Gris Nex                | 762.7                | +0.5        | 16.4      | S. W.           | 3                | c. cub.        | N <sup>a</sup>      | 19                        | 13                             | 763.1                          | 16.8        | S. W.     | 3               | c. d.            |         |
|   | St. Mathieu             | 764.1                | +0.2        | 14.2      | E               | 1                | sub.           | cal                 | 21                        | 14                             | 764.1                          | 16.0        | S. S. W.  | 1               | sub.             |         |
|   | Isla de Aix             | 762.6                | +0.5        | 17.0      | E               | 3                | c. d.          | R <sup>a</sup>      | 22                        | 14                             | 763.2                          | 19.0        | N. W.     | 2               | so               |         |
|   | Biarritz                | 760.2                | 0.0         | 18.2      | E. S. E.        | 3                | so             | N <sup>a</sup>      | 24                        | 15                             | 761.3                          | 24.0        | E. N. E.  | 3               | so               |         |
|   | Paris                   | 764.4                | +0.4        | 17.2      | cal             | 0                | so             |                     | 25.9                      | 10.6                           | 763.2                          | 21.0        | S. W.     | 2               | so               |         |
|   | Clermont                | 764.2                | +0.6        | 15.3      | S. E.           | 2                | so             |                     | 22.5                      | 7.4                            | 762.5                          | 20.3        | N. E.     | 3               | so               |         |
|   | Perpiñán                | 763.5                | +1.0        | 20.2      | cal             | 0                | so             |                     | 24.3                      | 12.8                           | 767.7                          | 29.2        | N. W.     | 1               | so               |         |
|   | Cabo Sicié              | 762.5                | +1.4        | 20.6      | N               | 3                | Brunna         | M. lla              | 2.6                       | 11                             | 758.9                          | 21.6        | N         | 3               | Brunna           |         |
|   | Niza                    | 763.0                | +1.4        | 21.2      | cal             | 0                | so             | N <sup>a</sup>      | 27                        | 16                             | 760.2                          | 20.6        | N         | 1               | so               |         |
| Italia  | Liorna                  | 763.6                | +1.1        | 12.0      | N. E. W.        | 5                | lluvia         |                     |                           |                                | 760.1                          | 22.0        | N. W.     | 4               | so               |         |
|   | Roma                    | 763.3                | +1.5        | 17.5      | N               | 2                | so             |                     |                           |                                | 759.8                          | 20.8        | N         | 3               | so               |         |
|   | Cagliari                | 761.1                |             | 15.2      | S. W.           | 4                | so             |                     |                           |                                | 759.2                          | 27.0        | N. W.     | 5               | c. d.            |         |
|   | Palermo                 | 764.3                | +1.4        | 21.6      | N               | 2                | sub.           |                     |                           |                                | 761.2                          | 20.3        | N         | 4               | c. d.            |         |
| Portugal  | Porto                   | 758.2                | -1.5        | 18.8      | S. S. W.        | 4                | cub.           | N <sup>a</sup>      | 33                        | 17                             | ?                              | 27.4        | ?         | ?               | 2                | so      |
|   | Lisboa                  | 762.8                | +1.0        | 21.0      | S               | 2                | c. cub.        | N <sup>a</sup>      | 26                        | 18                             | 761.0                          | 19.2        | N         | 2               | sub.             |         |
|   | Lagos                   | 766.6                | +0.6        | 21.1      | cal             | 0                | sub.           | N <sup>a</sup>      | 25                        | 19                             | 767.9                          | 21.0        | cal       | 0               | c. d.            |         |
|   | Horta                   | 766.0                | +0.1        | 21.6      | N. W.           | 7                | sub.           | N <sup>a</sup>      | 22                        | 18                             | 767.3                          | 21.0        | N. E.     | 3               | sub.             |         |
|   | Punta Delgada           | 765.9                | +0.2        | 20.0      | cal             | 0                | sub.           | N <sup>a</sup>      | 2                         | 23                             | 19                             | 766.9       | 20.0      | N               | 4                | sub.    |
|   | Funchal                 | 763.0                | +0.7        | 20.6      | N               | 2                | cub.           | R <sup>a</sup>      | 21                        | 14                             | 754.2                          | 22.2        | N. N. E.  | 6               | sub.             |         |
| Marruecos y Argelia                             | Tanger                  | 762.4                |             | 21.8      | N               | 1                | sub.           | N <sup>a</sup>      | 25                        | 19                             | 760.0                          | 25.0        | N. W.     | 2               | so               |         |
|   | Casablanca              |                      |             |           |                 |                  |                |                     |                           |                                |                                |             |           |                 |                  |         |
|   | Nemours                 |                      |             |           |                 |                  |                |                     |                           |                                |                                |             |           |                 |                  |         |
|   | Argel                   | 760.0                |             | 12.6      | N. W.           | 3                | c. cub.        |                     |                           |                                |                                |             |           |                 |                  |         |
|   | Cap de Garde            | 759.7                |             | 23.2      | N. E.           | 2                | so             |                     |                           |                                |                                |             |           |                 |                  |         |

#### Radiogramas

#### Precios de suscripción

Un año...18...pesetas. Un semestre...9...pesetas.

Administrador { Habilitado del material de la Dirección general del Instituto Geográfico y Estadístico. Madrid

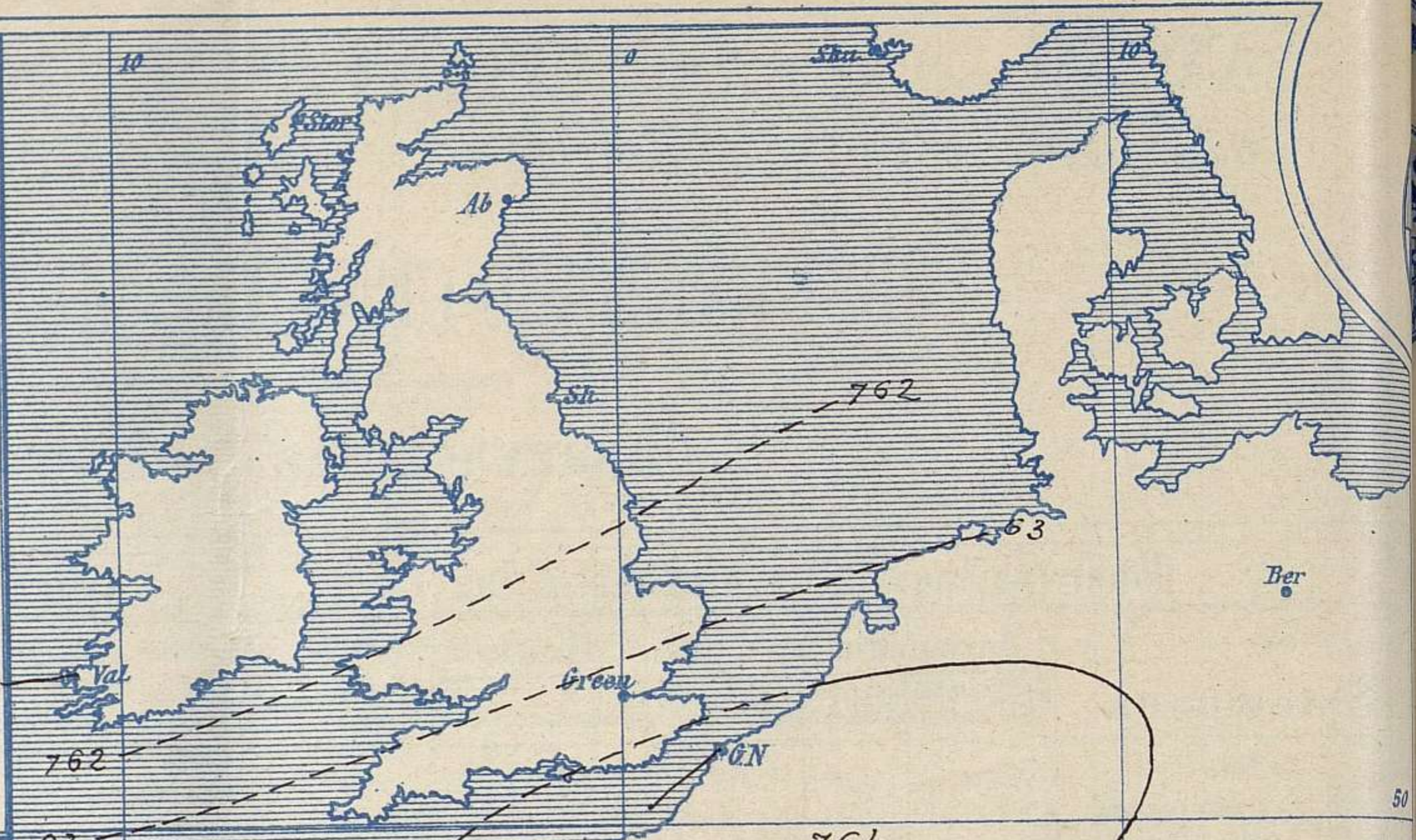
#### Dirección : Adresse : Address :

Señor  
Jefe del Observatorio Central Meteorológico  
Parque del Retiro  
Madrid. (ESPAÑA)

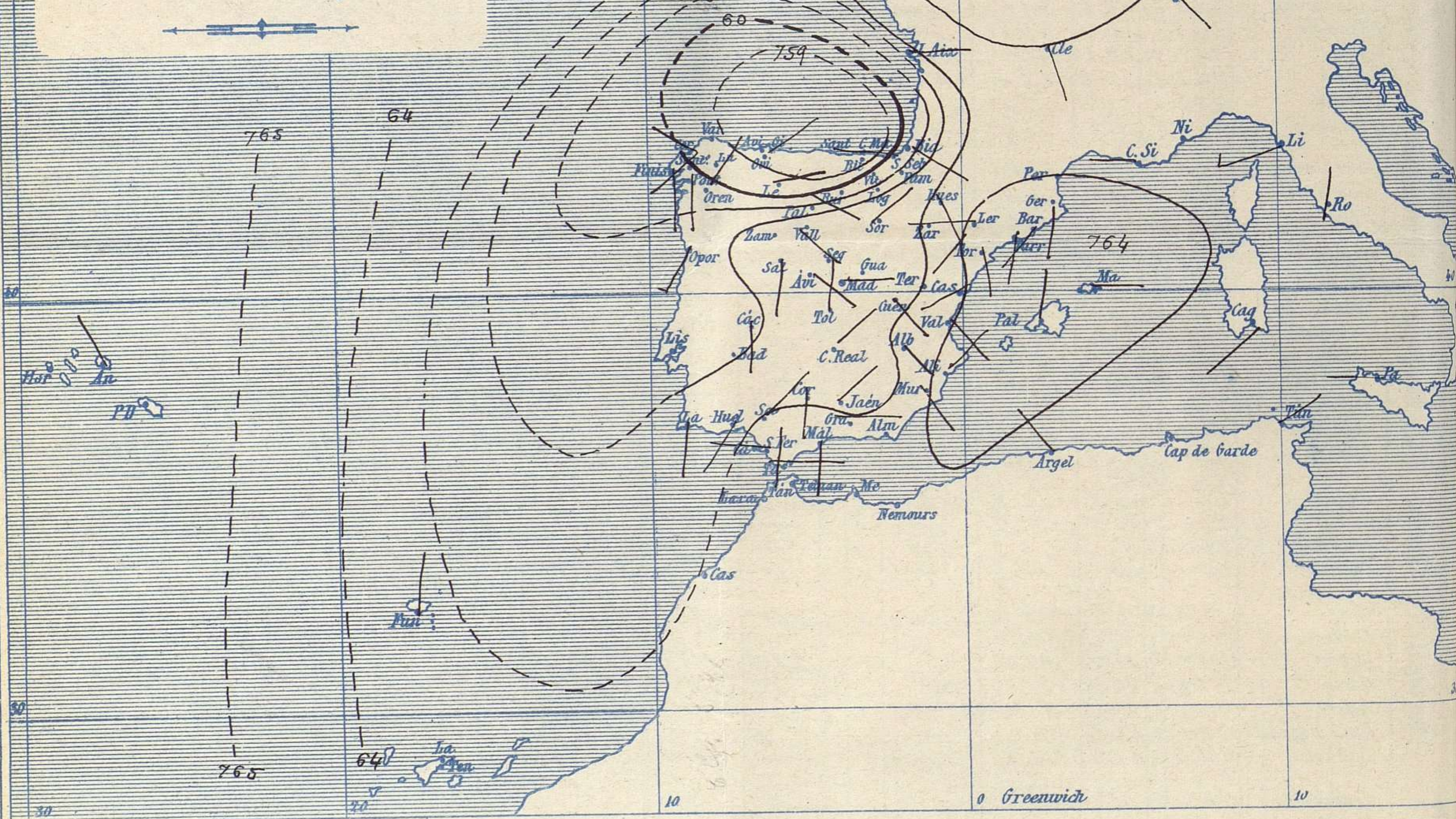
Apartado n.º 285.



| Signos convencionales     |             |                   |
|---------------------------|-------------|-------------------|
| Fuerza del viento         | Cielo       | Mar               |
| 0 Calma                   | ○ Despejado | { Llana           |
| 1 Ventolina               | ⊙ Con nubes | { Rizada          |
| 2 Muy flojo               | ⊖ Bruana    | { Marejada        |
| 3 Flojo                   | ⊗ Niebla    | { Picada          |
| 4 Bonancible (Moderado)   | ⊗ Nieve     | { Marejada gruesa |
| 5 Fresquito (Algo fuerte) | ⊗ Lluvia    | { Gruesa          |
| 6 Fresco (Fuerte)         | ⊗ Tormenta  | { Muy gruesa      |
| 7 Duro                    |             | { Arbolada        |
| 8 Muy duro                |             | { Muy arbolada    |
| 9 Temporal                |             |                   |



Presión atmosférica y vientos



Estado general

Un pequeño centro borrascoso se encuentra en el mar Cantábrico pero no produce perturbación sensible del tiempo para la península Ibérica, en la cual el cielo está por lo común con pocas nubes y el viento sopla flojo de dirección variable.

La temperatura máxima de ayer fue de 39 grados en Córdoba y la mínima de hoy ha sido de 8 grados en Burgos.

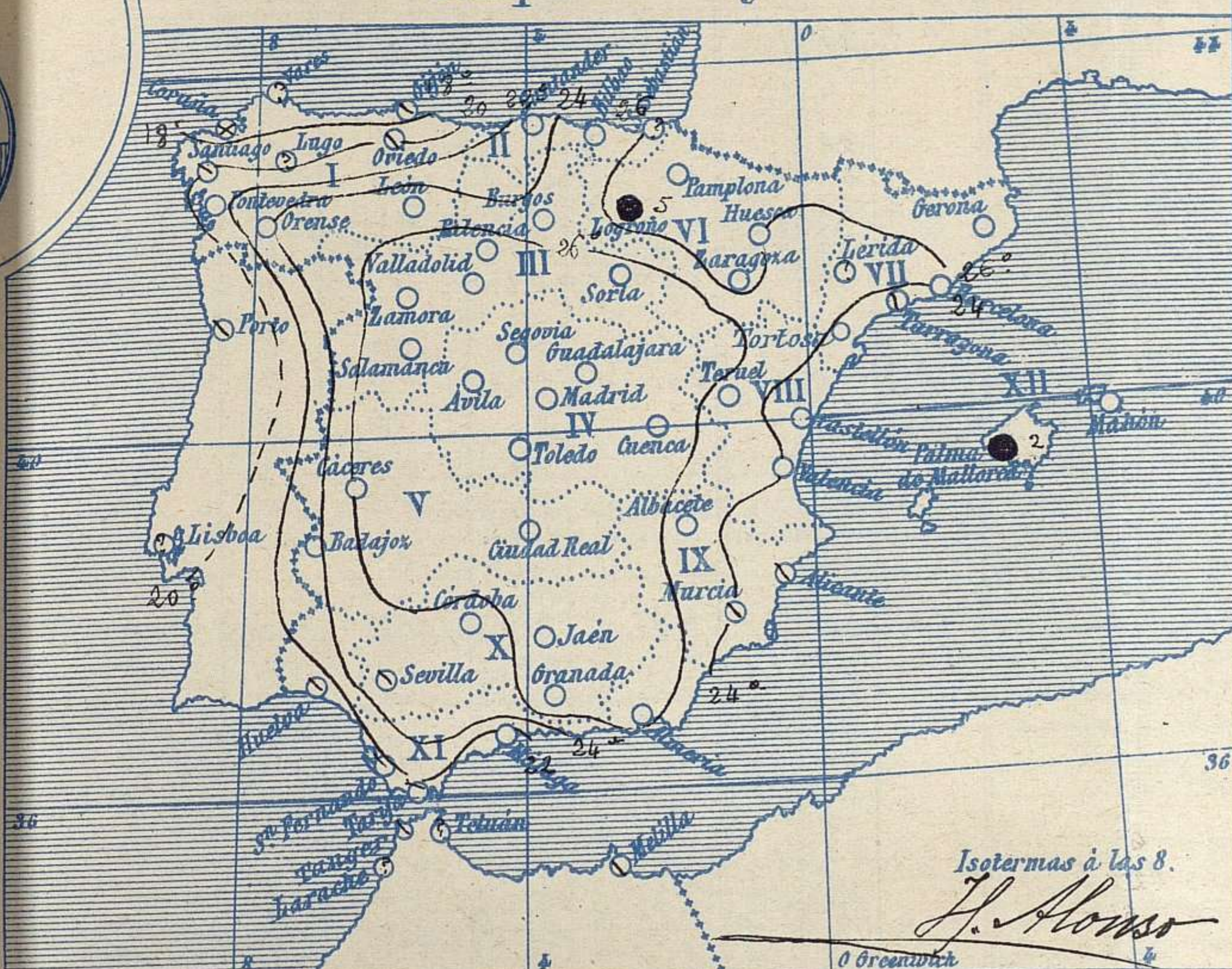
Las altas presiones residen hacia las Azores

*J. Galbis*



### Temperaturas y Lluvias

### Tiempo probable



EN LAS REGIONES

- I
- II
- III
- IV
- V
- VI
- VII
- VIII
- IX
- X
- XI
- XII

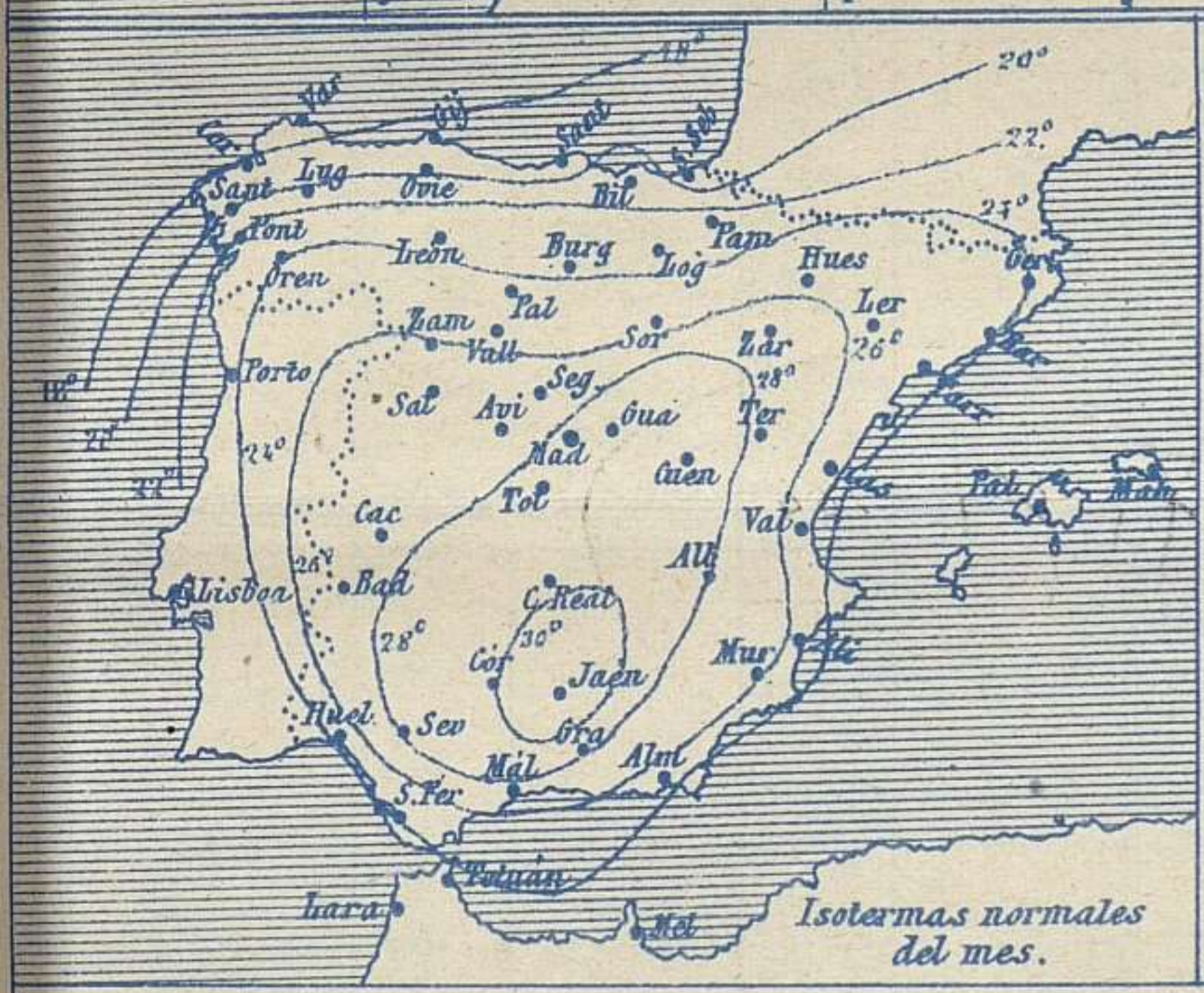
*No se hizo predicción*

Isotermas a las 8.

*J. Alonso*

0 Greenwich

Los números colocados al lado de ● designan m/m de lluvia recogida.



Isotermas normales del mes.

Telegrama para las Comandancias de Marina depositado a las.....h.....m

### Observaciones de Madrid entre 12<sup>h</sup> del día 12 y 12<sup>h</sup> del día 13

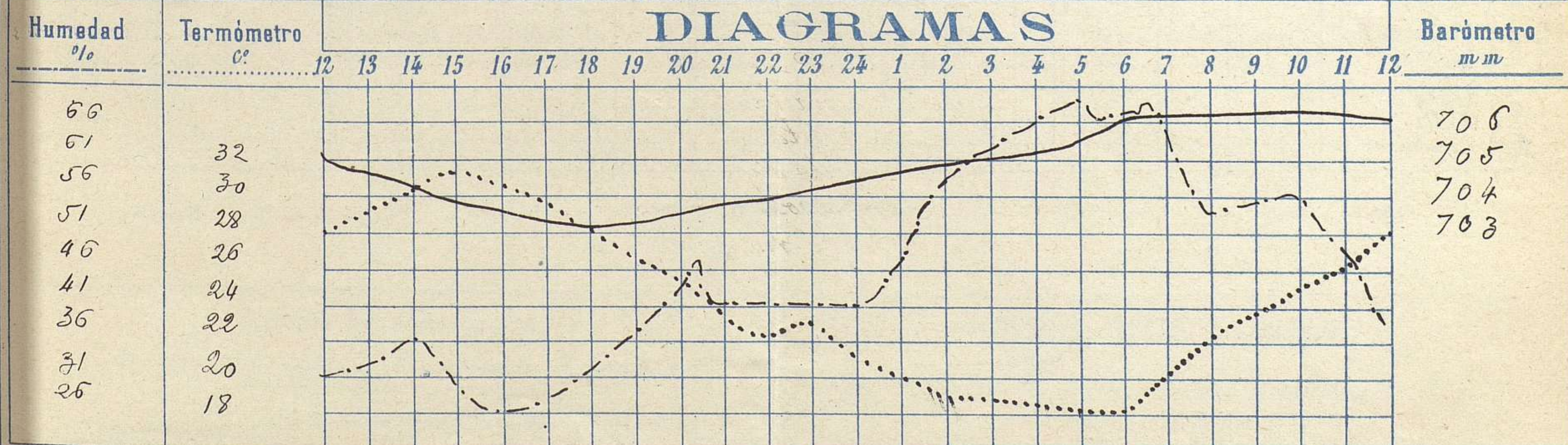
### Observaciones aerológicas

PARQUE DEL RETIRO (Altitud 667 m<sup>s</sup>)

Hora.....

| Hora | Barómetro<br>m m | Termómetro<br>C° | Humedad<br>% | Viento    |                    | Lluvia<br>o Nieve | Estado<br>del<br>Cielo | Notas  | Alturas | Dirección<br>del viento | Fuerza<br>0 a 9 | Alturas | Dirección<br>del viento | Fuerza<br>0 a 9 |
|------|------------------|------------------|--------------|-----------|--------------------|-------------------|------------------------|--|---------|-------------------------|-----------------|---------|-------------------------|-----------------|
|      |                  |                  |              | Dirección | F <sup>o</sup> a 9 |                   |                        |  |         |                         |                 |         |                         |                 |
| 12   | 705.12           | 27.9             | 31           | SE        | 1                  |                   | De                     | Temp <sup>a</sup> max <sup>a</sup> sombra 31.5 |         |                         |                 |         |                         |                 |
| 16   | 703.61           | 30.8             | 26           | Cal       | 0                  |                   | Id                     | Id. mi <sup>a</sup> id 18.2                    |         |                         |                 |         |                         |                 |
| 20   | 703.54           | 25.8             | 43           | SE        | 0                  |                   | Id                     |  |         |                         |                 |         |                         |                 |
| 24   | 704.50           | 21.2             | 40           | S         | 2                  |                   | Id                     | Horas de sol despejado en el día de ayer       |         |                         |                 |         |                         |                 |
| 4    | 705.30           | 18.8             | 65           | E         | 0                  |                   | Id                     | 15 <sup>h</sup> - 25 <sup>m</sup>              |         |                         |                 |         |                         |                 |
| 8    | 706.38           | 22.2             | 54           | E         | 1                  |                   | Id                     |  |         |                         |                 |         |                         |                 |
| 12   | 706.33           | 28.2             | 40           | SE        | 1                  |                   | Id                     |  |         |                         |                 |         |                         |                 |

### DIAGRAMAS





# Observaciones de España

| Observaciones de la mañana á 8 horas |                             |                      |             |           |                 |                  |                |                |  | Id. en las 24 horas |   | Id. de la vispera á 16 horas |           |        |                  |          |
|--------------------------------------|-----------------------------|----------------------|-------------|-----------|-----------------|------------------|----------------|----------------|--|---------------------|---|------------------------------|-----------|--------|------------------|----------|
| Estaciones                           | Barómetro                   |                      | Temperatura | Viento    |                 | Estado del cielo | Estado del mar | Lluvia ó nieve | Temp. <sup>s</sup> extr. <sup>as</sup> |                     | Barom. <sup>o</sup> á 0° y al nivel del mar | Temperatura                  | Viento    |        | Estado del cielo |          |
|                                      | á 0° y al nivel del mar     | Variación en 3 horas |             | Dirección | F <sup>za</sup> |                  |                |                | Max. <sup>a</sup>                      | Min. <sup>a</sup>   |   |                              | Dirección | Fuerza |                  |          |
| Región del N.W. I.                   | La Coruña                   | 758.6                | 0.0         | 15.0      | NNW             | 1                | nubl.          | m. lta         |  | 20                  | 15  | 7                            | 19.0      | NNW    | 2                | nubl.    |
|                                      | Vares                       |                      |             |           |                 |                  |                |                |  |                     |   |                              |           |        |                  |          |
|                                      | Avilés                      |                      |             |           |                 |                  |                |                |  |                     |   |                              |           |        |                  |          |
|                                      | Gijón                       | 759.4                | 0.0         | 17.1      | NW              | 1                | c. nub.        | lta            |  | 20                  | 15  | 2                            | 19.5      | E      | 4                | 20       |
|                                      | Oniedo                      | 758.9                |             | 19.0      | N.E.            | 1                | Burra          |                |  | 22                  | 18  | 4                            | 21.8      | N.E.   | 1                | c. d. o. |
|                                      | Finisterre                  | 761.3                | +0.2        | 14.2      | S               | 3                | nubl.          | R. 9           |  | 23                  | 20  | 5                            | 14.4      | N.E.   | 3                | 20       |
|                                      | Santiago                    | 760.2                | +0.8        | 19.2      | SW              | 3                | c. nub.        |                |  | 25                  | 16  | 6                            | 29.3      | NNW    | 1                | 20       |
|                                      | Pontevedra                  | 760.3                | +1.5        | 21.7      | S               | 1                | c. d. o.       |                |  | 21                  | 16  | 4                            | 27.9      | W      | 1                | 20       |
|                                      | Lugo                        |                      |             |           |                 |                  |                |                |  |                     |   |                              |           |        |                  |          |
| Región Cantábrica II                 | Orense                      | 759.5                | +1.0        | 20.4      | NN.E.           | 2                | c. d. o.       |                |  | 28                  | 19  | 4                            | 25.6      | NNW    | 3                | 20       |
|                                      | León                        | 760.0                |             | 24.0      | S               | 1                | c. d. o.       |                |  | 22                  | 14  | 3                            | 24.7      | S.E.   | 0                | 20       |
| Región Cantábrica III                | Santander                   | 756.2                | +0.1        | 22.0      | E               | 0                | 20             | R. 3           | 22                                     | 16                  | 4   | 27.7                         | E         | 4      | 20               |          |
|                                      | Punta Galea                 | 757.8                | 0.0         | 25.0      | S.E.            | 2                | 20             | R. 9           | 24                                     | 17                  | 2   | 25.3                         | N.E.      | 4      | 20               |          |
|                                      | Bilbao                      | 759.8                | +0.3        | 26.2      | S.E.            | 3                | 20             |                | 24                                     | 15                  | 7   | 26.0                         | S.E.      | 2      | 20               |          |
|                                      | Cabo Machichaco             |                      |             |           |                 |                  |                |                |  |                     |   |                              |           |        |                  |          |
|                                      | San Sebastián               |                      |             |           |                 |                  |                |                |  |                     |   |                              |           |        |                  |          |
| Región Duero III                     | Zamora                      | 762.7                | +1.0        | 22.0      | N.E.            | 0                | 20             |                | 24                                     | 16                  | 7   | 26.5                         | N.E.      | 0      | 20               |          |
|                                      | Palencia                    | 761.0                | +0.8        | 23.2      | S.E.            | 1                | 20             |                | 21                                     | 12                  | 5   | 20.6                         | N.E.      | 0      | 20               |          |
|                                      | Burgos                      | 760.9                | +1.0        | 19.0      | S.N.E.          | 0                | 20             |                | 28                                     | 8                   | 9   | 27.9                         | NN.E.     | 0      | 20               |          |
|                                      | Soria                       | 762.3                | +0.5        | 22.2      | N.E.            | 1                | 20             |                | 22                                     | 9                   | 5   | 30.4                         | N         | 1      | 20               |          |
|                                      | Valladolid                  | 761.8                | 0.0         | 22.2      | cal.            | 0                | 20             |                | 22                                     | 14                  | 4   | 29.4                         | N.E.      | 1      | 20               |          |
|                                      | Salamanca                   | 763.5                | +1.0        | 24.6      | S               | 4                | 20             |                | 25                                     | 18                  | 7   | 26.3                         | W         | 1      | 20               |          |
| Región Central IV                    | Ávila                       | 762.0                |             | 19.4      | S.E.            | 2                | 20             |                | 20                                     | 12                  | 8   | 28.8                         | S.E.      | 2      | 20               |          |
|                                      | Segovia                     | 761.3                | +0.4        | 18.9      | NNW             | 0                | 20             |                | 22                                     | 12                  | 4   | 20.0                         | NNW       | 0      | 20               |          |
|                                      | Madrid                      | 762.3                | +0.8        | 22.2      | E               | 1                | 20             |                | 22                                     | 18                  | 2   | 25.7                         | cal.      | 0      | 20               |          |
|                                      | Toledo                      | 762.4                | +1.2        | 21.6      | N               | 1                | 20             |                | 25                                     | 18                  | 4   | 24.4                         | S.N.E.    | 1      | 20               |          |
|                                      | Guadalajara                 | 761.6                | +0.6        | 23.2      | S.E.            | 0                | 20             |                | 22                                     | 17                  | 9   | 25.9                         | NNW       | 0      | 20               |          |
|                                      | Cuenca                      | 761.1                | +1.0        | 23.1      | S.E.            | 3                | 20             |                | 21                                     | 14                  | 8   | 20.8                         | W         | 1      | 20               |          |
| Extrem <sup>a</sup> Mancha V         | Cáceres                     | 761.4                |             | 22.6      | S               | 3                | 20             |                | 28                                     | 22                  | 0   | 26.0                         | S         | 1      | 20               |          |
|                                      | Badajoz                     | 762.7                | +1.2        | 21.4      | SW              | 1                | 20             |                | 29                                     | 18                  | 6   | 27.6                         | NNW       | 1      | 20               |          |
|                                      | Ciudad Real                 | 761.9                | +1.6        | 24.3      | N.E.            | 1                | 20             |                | 25                                     | 18                  | 6   | 24.6                         | E         | 3      | 20               |          |
| Alto Ebro VI                         | Logroño                     | 762.1                | +0.1        | 20.3      | NN.E.           | 1                | 20             |                | 25                                     |                     | 7   | 29.7                         | E         | 0      | 20               |          |
|                                      | Pamplona                    | 762.5                | +1.0        | 20.8      | E               | 0                | 20             |                | 27                                     | 12                  | 9   | 25.4                         | NNW       | 1      | 20               |          |
|                                      | Huesca                      | 764.2                | +1.0        | 21.2      | S.E.            | 0                | 20             |                | 20                                     | 16                  | 0   | 26.2                         | S.E.      | 0      | 20               |          |
|                                      | Zaragoza                    | 763.5                | 0.0         | 21.2      | E               | 1                | 20             |                | 27                                     | 15                  | 2   | 26.6                         | S.E.      | 1      | 20               |          |
| Cataluña VII                         | Lérida                      |                      |             |           |                 |                  |                |                |  |                     |   |                              |           |        |                  |          |
|                                      | Gerona                      | 762.4                | +1.5        | 22        | S               | 0                | 20             |                | 28                                     | 14                  | 0   | 26.0                         | S         | 7      | c. d. o.         |          |
|                                      | Barcelona                   | 763.9                | +3.0        | 24        | SW              | 1                | 20             | m. lta         | 24                                     | 18                  | 6   | 23.0                         | S.W.      | 3      | c. nub.          |          |
|                                      | Tarragona                   | 764.7                |             | 22        | S               | 0                | nubl.          | lta            | 25                                     | 17                  | 5   | 25.0                         | S.E.      | 2      | c. d. o.         |          |
| Tortosa                              | 764.4                       | +0.2                 | 22          | S.E.      | 0               | 20               |                | 27             | 15                                     | 1                   | 25.4  | S                            | 3         | 20     |                  |          |
| Levante VIII                         | Teruel                      | 763.0                |             | 19.2      | N.E.            | 0                | 20             |                | 21                                     | 15                  | 9   | 28.9                         | N         | 0      | 20               |          |
|                                      | Castellón                   | 762.4                | +0.3        | 22.6      | SW              | 1                | 20             | lta            | 24                                     | 20                  | 9   | 25.9                         | W         | 1      | 20               |          |
|                                      | Valencia                    | 764.8                | +1.2        | 24.6      | S.E.            | 1                | c. d. o.       |                | 24                                     | 19                  | 5   | 22.6                         | S.E.      | 2      | 20               |          |
| Región del SE IX                     | Albacete                    | 764.0                | +1.4        | 20.1      | S.E.            | 2                | c. d. o.       |                | 25                                     | 16                  | 5   | 23.6                         | N.E.      | 1      | 20               |          |
|                                      | Alicante                    | 764.5                | +0.8        | 22.6      | N.E.            | 1                | nubl.          | lta            | 27                                     | 19                  | 0   | 24.2                         | E         | 1      | nubl.            |          |
|                                      | Murcia                      | 763.8                | +0.2        | 24.0      | S.E.            | 0                | nubl.          |                | 30                                     | 18                  | 6   | 28.0                         | N.E.      | 4      | 20               |          |
| Cuenca del Guadalq. X                | Sevilla                     | 762.5                |             | 24.8      | N.E.            | 2                | c. nub.        |                | 26                                     | 19                  | 2   | 31.8                         | SW        | 4      | 20               |          |
|                                      | Córdoba                     | 762.2                | +1.0        | 22.6      | S               | 1                | nubl.          |                | 29                                     | 20                  | 2   | 28.2                         | W         | 1      | 20               |          |
|                                      | Jaén                        | 762.3                |             | 24.2      | N.E.            | 0                | 20             |                | 27                                     | 20                  | 2   | 26.6                         | N.E.      | 0      | 20               |          |
|                                      | Granada                     | 761.4                | +0.2        | 24.8      | E               | 1                | 20             |                | 25                                     | 17                  | 7   | 24.0                         | SW        | 5      | 20               |          |
|                                      |                             |                      |             |           |                 |                  |                |                |  |                     |   |                              |           |        |                  |          |
| Costa del Sur XI                     | Huelva                      | 762.6                |             | 21.8      | SW              | 1                | c. nub.        | cal.           | 27                                     | 18                  | 9   | 25.4                         | SW        | 6      | 20               |          |
|                                      | San Fernando                | 763.1                | +0.7        | 21.5      | NNW             | 1                | nubl.          | R. 9           | 27                                     | 19                  | 3   | 22.8                         | NNW       | 2      | c. d. o.         |          |
|                                      | Tarifa                      | 762.4                | +0.7        | 22.3      | E               | 1                | Burra          | cal.           | 23                                     | 20                  | 7   | 25.7                         | E         | 2      | c. d. o.         |          |
|                                      | Málaga                      | 763.5                | +0.4        | 21.6      | S               | 1                | 20             | m. lta         | 23                                     | 21                  | 0   | 26.0                         | S         | 1      | 20               |          |
|                                      | Almería                     | 761.4                |             | 26.5      | N.E.            | 1                | 20             | lta            | 26                                     | 23                  | 2   | 26.8                         | E         | 3      | 20               |          |
| Canas Baleares XII                   | Palma                       | 765.4                | +1.2        | 22.4      | N               | 2                | 20             | m. lta         | 2                                      | 25                  | 18  | 24.2                         | SW        | 4      | 20               |          |
|                                      | Mahón                       | 765.5                | +1.0        | 24.0      | E               | 2                | 20             |                | 23                                     | 18                  | 5   | 22.0                         | N         | 3      | 20               |          |
| Canarias XIII                        | Sa Cruz de Ten <sup>e</sup> | 760.3                | +2.4        | 22.4      | NNW             | 0                | c. d. o.       | lta            | 25                                     | 20                  | 4   | 23.4                         | W         | 0      | nubl.            |          |
|                                      | Laguna                      | 765.2                | +0.7        | 20.7      | N               | 2                | c. d. o.       | cal.           | 22                                     | 13                  | 1   | 19.9                         | N         | 4      | c. nub.          |          |
| Africa                               | Tetuan                      |                      |             |           |                 |                  |                |                |  |                     |   |                              |           |        |                  |          |
|                                      | Melilla                     | 762.6                |             | 26.0      | N.E.            | 2                | c. nub.        | m. lta         | 28                                     | 22                  | 7   | 27.8                         | N.E.      | 2      | nubl.            |          |
|                                      | Larache                     |                      |             |           |                 |                  |                |                |  |                     |   |                              |           |        |                  |          |

## Noticias