

DIRECCIÓN GENERAL DEL INSTITUTO GEOGRÁFICO Y ESTADÍSTICO

AÑO XXI

BOLETÍN

1913

Núm. 281

DEL

8 de Octubre

OBSERVATORIO CENTRAL METEOROLÓGICO

Observaciones del Extranjero

| Observaciones de la mañana á las 7 ^h | | | | | | | | | | 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. ^{as} | | Barom. á 0° y al nivel del mar | Temperatura | Viento | | Estado del cielo | |
| | á 0° gal nivel del mar | Variación en 3 horas | | Dirección | F ^{va} | | | | Max. ^a | Min. ^a | | | Dirección | F ^{va} | | |
| Escandinavia | Bodo | 758.6 | +1.4 | -0.6 | E | 1 | c.d. | Al. S. S. S. S. | 5 | -1 | 756.0 | 0.6 | N | 1 | c.d. | |
| | Gristiansund | 757.8 | +0.1 | 8.0 | SE | 0 | SE | M. Ua | 2 | 3 | 758.2 | 6.0 | NNE | 1 | c. cub. | |
| | Shudnesnoes | 756.6 | -0.4 | 5.1 | E | 2 | SE | Al. S. | 3 | 5 | 759.5 | 5.6 | cal | 0 | SE | |
| Europa Oriental y Central | Riga | 759.9 | | 0.4 | SW | 1 | sub. | | | | 761.5 | 3.6 | SW | 2 | c.d. | |
| | Moscou | | | | | | | | | | | | | | | |
| | Nicolaiew | 764.2 | | 10.8 | cal | 0 | SE | | 4 | | 761.8 | 15.5 | NW | 0 | Alm. g. | |
| | Feldkirch | 751.9 | +5.0 | 16.4 | cal | 0 | sub. | | 19 | 14 | 753.2 | 14.7 | W | 1 | c.d. | |
| | Cernorvitz | 762.7 | +0.2 | 8.2 | cal | 0 | SE | | 16 | 8 | 762.4 | 11.4 | cal | 0 | SE | |
| | Gracovia | 760.2 | -0.3 | 6.4 | SE | 1 | SE | | 17 | 5 | 760.9 | 10.7 | ENE | 1 | SE | |
| | Pola | | | | | | | | | | | | | | | |
| | Viena | 757.9 | -0.1 | 11.3 | cal | 0 | niebla | | 17 | 10 | 759.1 | 12.7 | NW | 1 | c.d. | |
| Berlin | 754.4 | -0.2 | 10.5 | SE | 1 | sub. | | 11 | 8 | 757.9 | 11.0 | E | 2 | c.d. | | |
| Berna | 754.8 | | 9.9 | W | 0 | sub. | | | | 757.8 | 10.5 | W | 0 | c. cub. | | |
| Islas Británicas | Stornoway | 755.1 | +0.5 | 7.8 | ESE | 4 | c. cub. | M. da | 2.2 | 2.5 | 756.2 | 8.9 | S | 4 | sub. | |
| | Shields | 747.8 | 0.0 | 12.2 | NE | 3 | Alm. g. | Al. S. | 10.4 | 2.3 | 10.6 | 752.1 | 11.6 | ENE | 4 | sub. |
| | Valentia | 750.6 | +1.2 | 7.8 | NNE | 1 | sub. | M. Ua | 0.2 | 12.7 | 7.8 | 749.8 | 7.2 | NNE | 2 | sub. |
| Francia | Gris Nex | 748.2 | -0.8 | 13.2 | S | 5 | sub. | M. da | 8 | 16 | 12 | 750.1 | 13.2 | S | 5 | sub. |
| | St. Mathieu | 750.2 | -1.0 | 13.5 | W | 5 | c. cub. | M. da | 3 | 17 | 12 | 752.3 | 14.5 | SW | 5 | sub. |
| | Isla de Aix | 752.3 | +1.1 | 15.4 | WNW | 4 | c. cub. | M. Ua | 3 | 18 | 15 | 752.0 | 16.0 | SW | 4 | sub. |
| | Biarritz | 756.8 | +0.8 | 14.6 | SW | 4 | c.d. | M. Ua | 9.2 | 18 | 11 | 753.1 | 14.6 | NN | 3 | sub. |
| | Paris | 751.7 | +0.3 | 11.6 | SW | 2 | sub. | | 5 | 19.1 | 11.6 | 752.1 | 13.8 | S | 2 | sub. |
| | Clermont | 754.8 | -2.6 | 10.3 | SE | 3 | sub. | | 16 | 20.9 | 10.5 | 752.5 | 16.9 | cal | 0 | sub. |
| | Perpiñán | 754.6 | +2.1 | 15.2 | W | 5 | sub. | | 25.8 | 14.8 | 752.4 | 19.6 | S | 4 | c. cub. | |
| | Cabo Sicié | 752.8 | -0.1 | 17.4 | E | 5 | Alm. g. | M. S. S. S. S. | 21 | 16 | 755.8 | 17.6 | E | 6 | sub. | |
| | Nika | 757.2 | -0.5 | 13.5 | E | 3 | id. | M. G. da | 21 | 14 | 759.6 | 16.6 | cal | 0 | sub. | |
| Italia | Liorna | 757.7 | -1.6 | 19.0 | NE | 3 | c. cub. | | | | 760.7 | 20.4 | SE | 4 | c. cub. | |
| | Roma | 758.7 | 0.0 | 22.8 | SE | 3 | cal | | | | 761.3 | 21.4 | N | 1 | cal | |
| | Cagliari | 757.8 | | 19.0 | NE | 2 | cal | | | | 757.8 | 25.5 | SE | 4 | sub. | |
| | Palermo | 761.3 | +0.1 | 29.6 | S | 6 | niebla | | | | 761.5 | 26.6 | S | 4 | SE | |
| Portugal | Porto | | | | | | | | | | | | | | | |
| | Lisboa | 759.3 | +1.4 | 14.0 | N | 4 | SE | Al. S. | 18 | 12 | 756.2 | 14.2 | N | 4 | SE | |
| | Lagos | | | | | | | | | | | | | | | |
| | Horta | 753.0 | -0.7 | 18.8 | WNW | 3 | c. cub. | Al. S. | 7 | 27 | 17 | 757.4 | 19.2 | S | 4 | Alm. g. |
| | Angra | 753.0 | -1.3 | 19.2 | SW | 1 | niebla | M. g. da | 11 | 18 | 14 | 757.7 | 18.3 | NNE | 1 | c. cub. |
| Punta Delgada | | | | | | | | | | | | | | | | |
| Funchal | | | | | | | | | | | | | | | | |
| Marruecos y Argelia | Tánger | 752.4 | | 18.2 | S | 5 | sub. | | 18 | 22 | 14 | 755.5 | 20.8 | S | 5 | sub. |
| | Casablanca | | | | | | | | | | | | | | | |
| | Nemours | | | | | | | | | | | | | | | |
| | Argel | 755.7 | | 22.5 | cal | 0 | SE | | | | | | | | | |
| | Cap de Garde | | | | | | | | | | | | | | | |
| Túnex | | | | | | | | | | | | | | | | |

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:

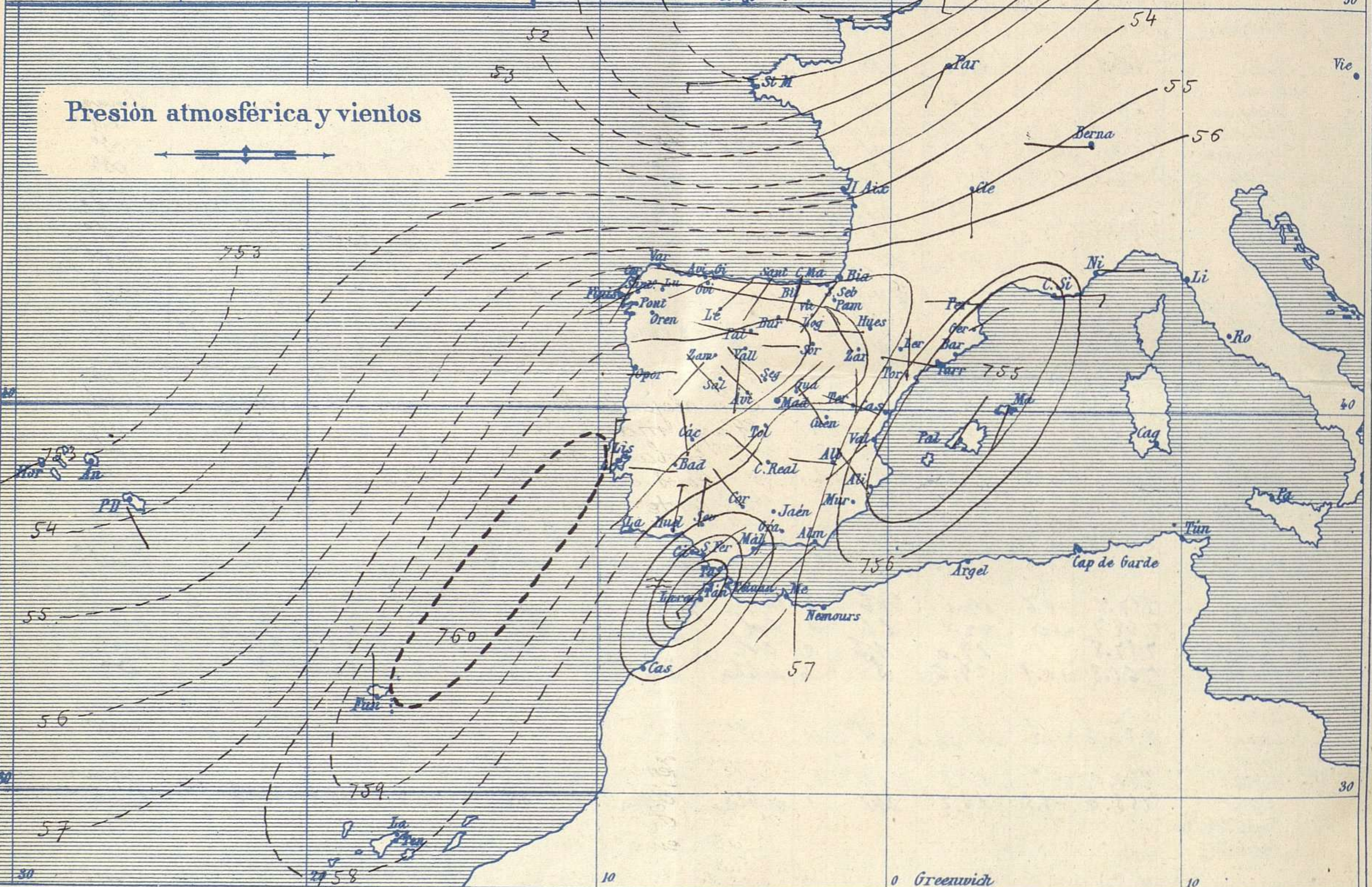
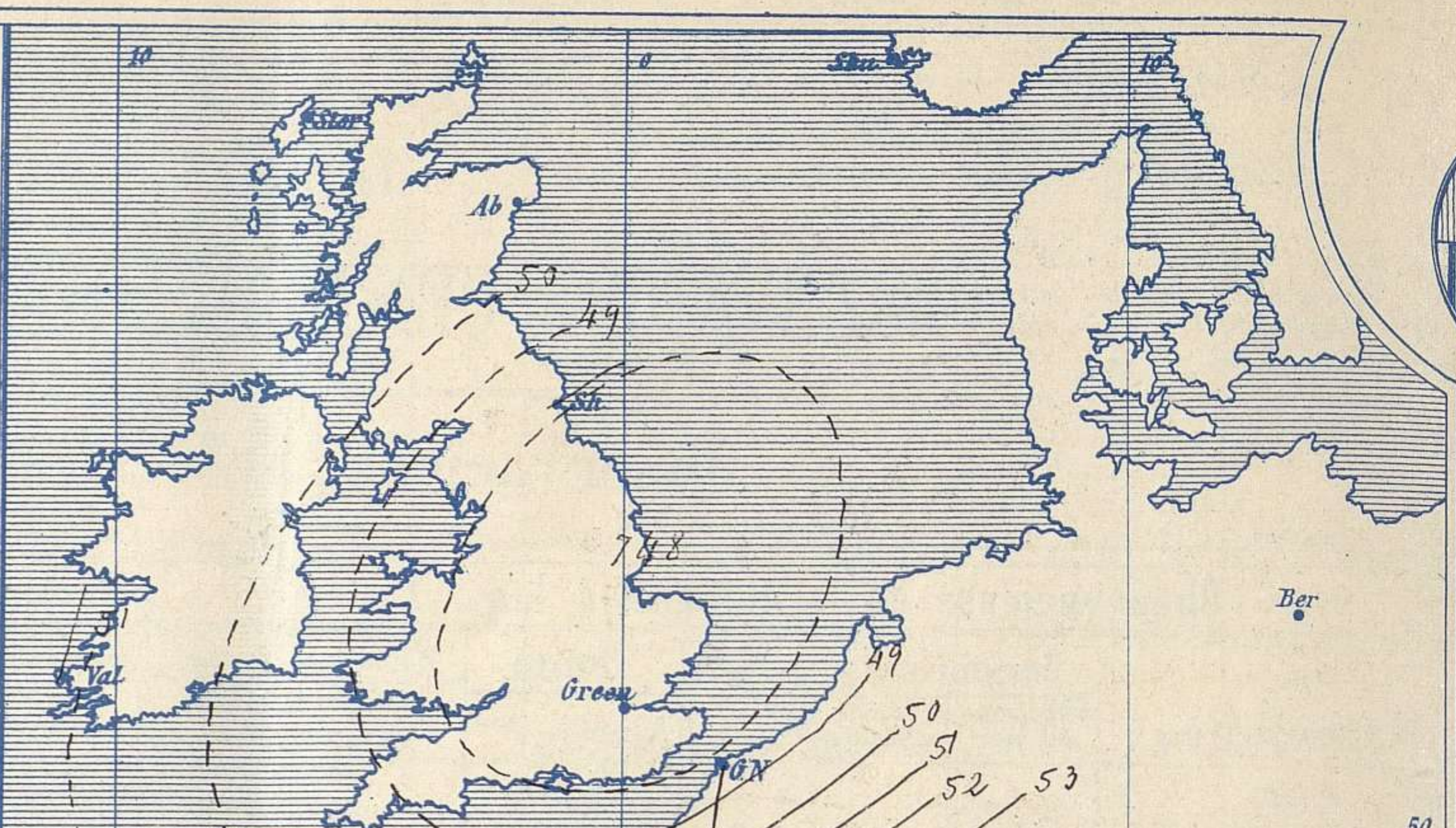
Señor
Jefe del Observatorio Central Meteorológico
Parque del Retiro

Madrid. (ESPAÑA)

Apartado n.º 285.



| Signos convencionales | | |
|---------------------------|-------------|-------------------|
| Fuerza del viento | Cielo | Mar |
| 0 Calma | ○ Despejado | { Llana |
| 1 Venolína | ○ Con nubes | { Rizada |
| 2 Muy flojo | ⊖ Bruma | { 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 | | |



Estado general

La borrasca del Canal de la Mancha se aleja hacia el mar del Norte y el centro de perturbación atmosférica del S.W. de la península Ibérica se halla hoy en el mar. Palear, habiendo producido a su paso por España lluvias copiosas principalmente sobre la Meseta Central y Andalucía.

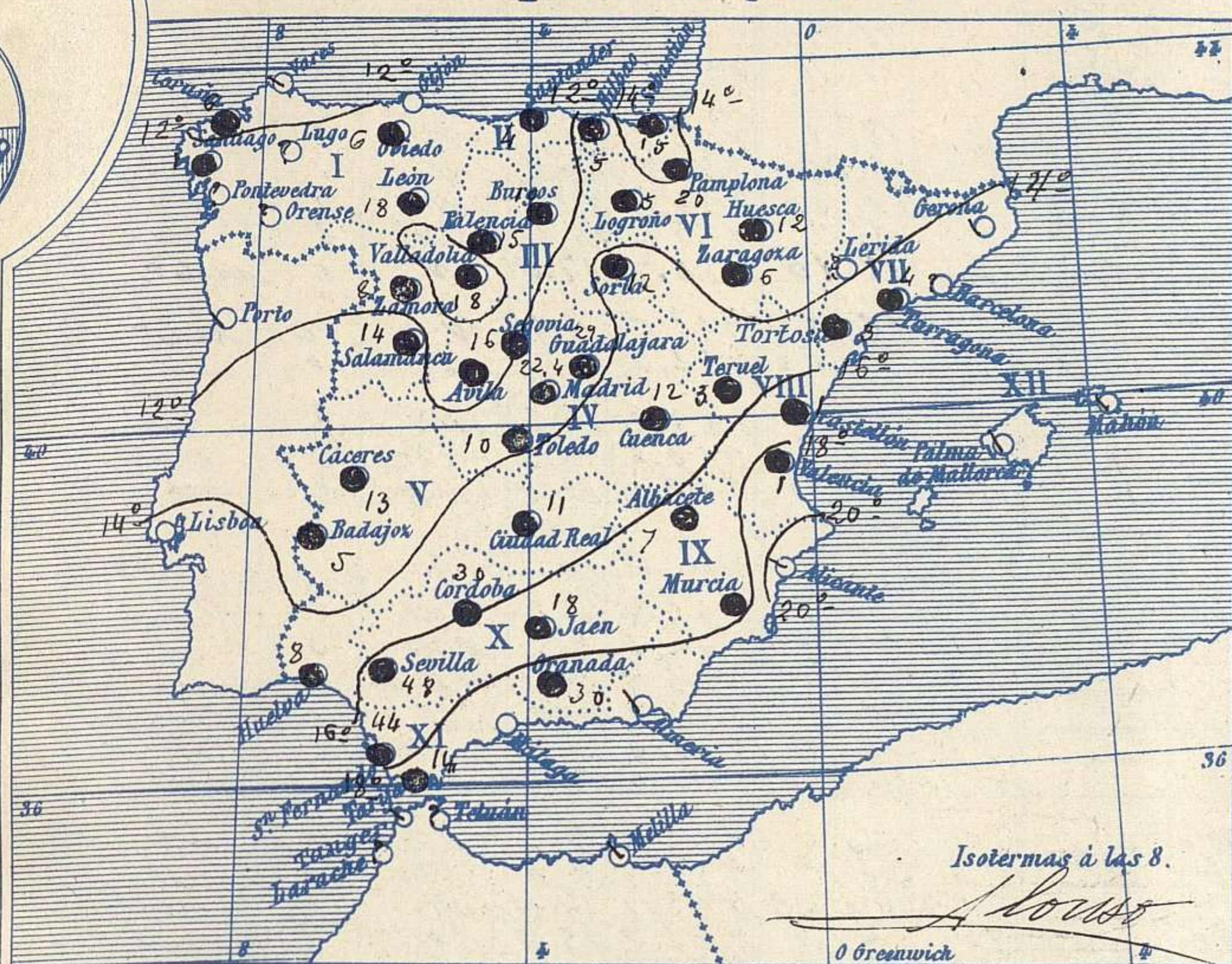
El viento sopla con poca fuerza de dirección variable y la temperatura continúa en descenso; la máxima de ayer fue de 25 grados en Murcia y la mínima de hoy ha sido de 3 grados en Valladolid y Salamanca.

Las altas presiones se extienden desde Castilla a la isla de Madera
Suro

El Director general: Galarza

El Ingeniero Geógrafo Jefe del Observatorio. J. Galbis

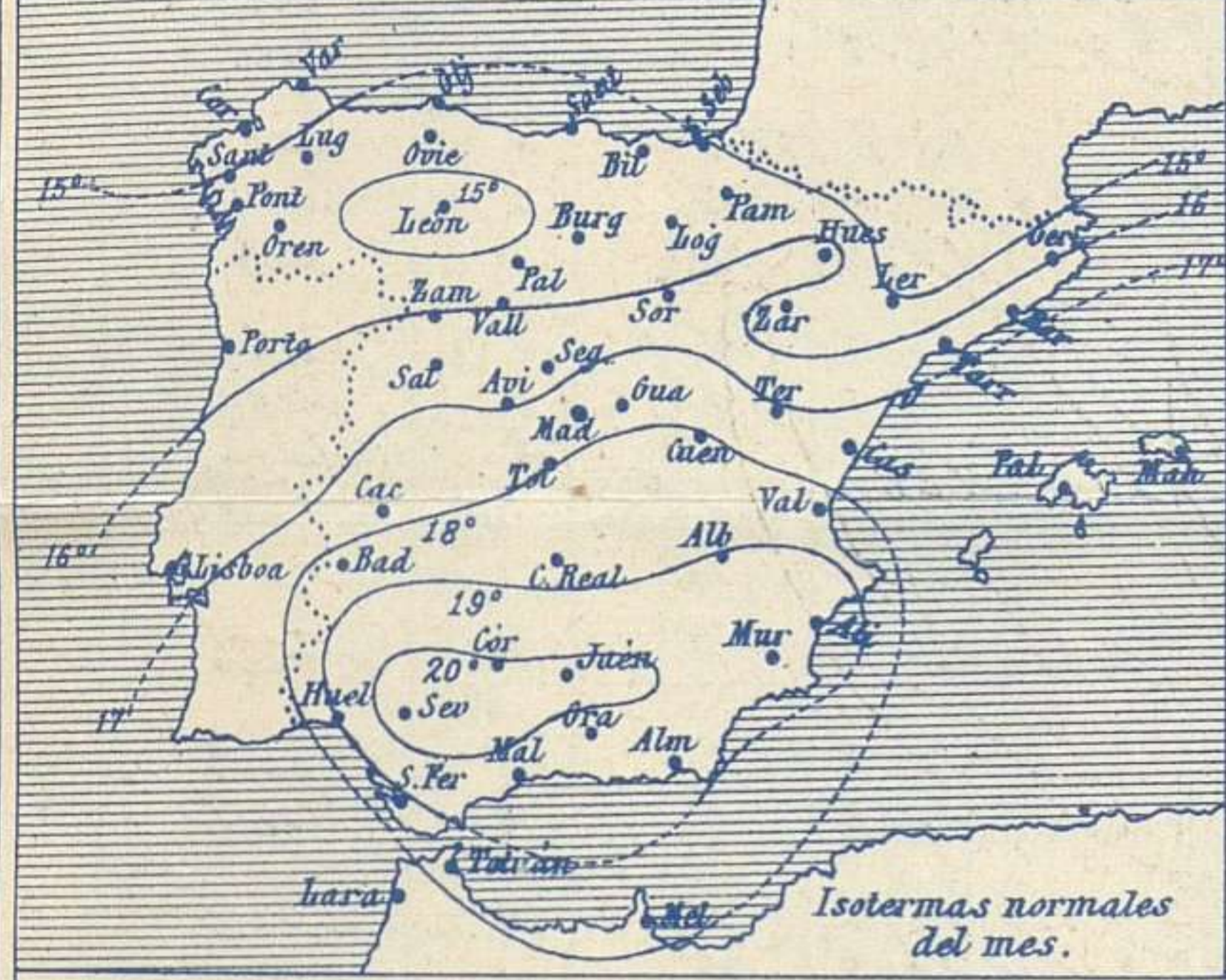
Temperaturas y Lluvias



Tiempo probable

EN LAS REGIONES

- I } Vientos moderados de la region del Oeste y tiempo lluvioso. Mar.
- II }
- III }
- IV }
- V }
- VI }
- VII } Vientos flojos de direccion variable y buen tiempo de cielo algo nuboso
- VIII }
- IX }
- X }
- XI }
- XII } Vientos flojos o moderados de la region del Sur y tiempo incierto. Marejada



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

Telegrama para las Comandancias de Marina depositado a las 12. h. 15. m

Se aleja la borrasca hacia el mar del Norte. Hay marejada en el Estrecho de Gibraltar. Es probable que el tiempo continúe lluvioso con vientos flojos del Oeste en Galicia y Cantabria. Poniente en el Estrecho

Observaciones de Madrid entre 12^h del dia 7 y 12^h del dia 8

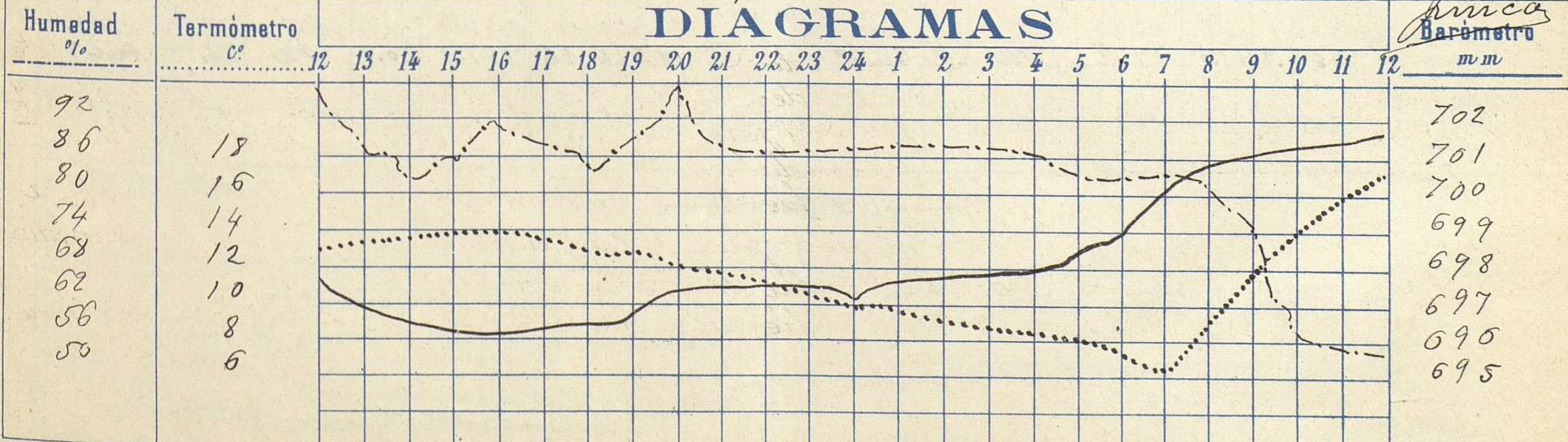
PARQUE DEL RETIRO (Altitud 667 m^s)

Observaciones aerológicas

Hora 11^h 20^m

| Hora | Barómetro m m | Termómetro C° | Humedad o/o | Viento | | Lluvia o Nieve | Estado del Cielo | Notas | Alturas | Dirección del viento | Fuerza 0 a 9 | Alturas | Dirección del viento | Fuerza 0 a 9 |
|------|------------------|------------------|----------------|-----------|-----------------------|-------------------|--------------------------|-------------------------------|---------|-------------------------|-----------------|---------|-------------------------|-----------------|
| | | | | Dirección | F ^{ve} 0 a 9 | | | | | | | | | |
| 12 | 697.63 | 13.0 | 97 | S. | 4 | 2.9 | Cub. (ll ^{ve}) | Temp. máx. = sombra 16.5 | 50 | N. | 1 | 1500 | NW | 2 |
| 16 | 696.47 | 14.0 | 91 | SSW | 4 | 1.1 | Cub. | Id. mín. = id. 6.4 | 100 | N. | 1 | 2000 | WNW | 3 |
| 20 | 697.50 | 12.4 | 97 | WdW | 1 | 9.7 | Cub. (ll ^{ve}) | Horas de sol despejado | 200 | NW | 0 | 2500 | WNW | 5 |
| 24 | 697.50 | 10.0 | 88 | NW | 2 | 2.0 | Cub. | en el dia de ayer | 400 | NNW | 1 | 3000 | WNW | 5 |
| 4 | 698.00 | 8.5 | 87 | NE | 1 | 6.3 | Nub. do | 0 ^h 0 ^m | 500 | NE | 1 | 4000 | W | 5 |
| 8 | 700.77 | 9.0 | 81 | NE | 1 | .. | Desp. | | 600 | E. | 1 | 5000 | WNW | 3 |
| 12 | 701.67 | 16.5 | 54 | NE | 0 | .. | Casi desp. | | 800 | NE | 1 | 6000 | WNW | 7 |
| | | | | | | | | | 1000 | ENE | 2 | 7000 | W | 6 |

DIAGRAMAS



Observaciones de España

| Observaciones de la mañana á 8 horas | | | | | | | | | | Id. en las 24 horas | | | Id. de la víspera á 16 horas | | | | |
|--------------------------------------|-------------------------|----------------------|-------------|-----------|-----------------|------------------|----------------|----------------|---------------------------|---------------------|--------------------------------|-------------|------------------------------|--------|------------------|--|--|
| Estaciones | Barómetro | | Temperatura | Viento | | Estado del cielo | Estado del mar | Lluvia ó nieve | Temp. extr. ^{as} | | 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 ^{ra} | | | | Max. ^a | Min. ^a | | | Dirección | Fuerza | | | |
| Región del N.W. I. | La Coruña | 757.4 | +0.2 | 12.2 | S SW | 3 | sub. m. da | 6 | 16 | 10 | 751.9 | 15.0 | N | 3 | c. d. | | |
| | Vares | 756.6 | +1.0 | 12.0 | SW | 4 | sub. m. da | 17 | 11 | | 752.1 | 14.6 | SW | 4 | sub. | | |
| | Avilés | 755.6 | | | SW | 4 | c. d. m. da | | | | 754.0 | | SW | 1 | sub. | | |
| | Gijón | 758.8 | +2.2 | 11.8 | NW | 3 | c. d. m. da | 18 | 9 | | 752.8 | 16.0 | N | 2 | sub. | | |
| | Oviedo | 757.1 | | 9.6 | SW | 1 | sub. m. da | 6 | 16 | 5 | 752.5 | 15.6 | N | 1 | sub. | | |
| | Finisterre | 758.5 | +2.0 | 15.6 | SW | 2 | sub. m. da | 1 | 18 | 14 | 753.9 | 17.0 | NW | 3 | sub. | | |
| | Santiago | 758.4 | +0.0 | 10.0 | SE | 2 | sub. | 1 | 17 | 9 | 753.7 | 14.6 | NW | 2 | sub. | | |
| | Pontevedra | 759.3 | +1.1 | 10.4 | N | 2 | sub. | 4 | 18 | 10 | 754.2 | 17.0 | N | 1 | sub. | | |
| | Lugo | | | | | | | | | | | | | | | | |
| | Orense | 760.6 | +0.1 | 9.5 | SW | 0 | sub. | | 18 | 8 | 755.6 | 11.5 | N | 0 | sub. | | |
| León | 757.8 | | 9.4 | NE | 3 | sub. | 15 | 12 | 0.2 | 752.8 | 11.6 | S | 0 | sub. | | | |
| Región Cantábrica II | Santander | 755.0 | +1.7 | 12.8 | N | 4 | sub. m. da | 4 | 19 | 10 | 749.9 | 14.3 | NW | 3 | sub. | | |
| | Punta Galea | 766 | +1.5 | 14.4 | SE | 3 | c. sub. m. da | 5 | 17 | 15 | 750.6 | 16.2 | SW | 5 | sub. | | |
| | Bilbao | 757.8 | +0.6 | 12.0 | S | 1 | c. d. | 5 | 21 | 10 | 752.4 | 16.8 | NW | 2 | sub. | | |
| | Cabo Machichaco | | | | | | | | | | | | | | | | |
| | San Sebastián | | | | | | | | | | | | | | | | |
| Región del Duero III | Zamora | 759.0 | +1.0 | 7.1 | SW | 0 | sub. | 8 | 14 | 4 | 755.4 | 10.8 | SW | 0 | lunja | | |
| | Palencia | 760.4 | +1.5 | 7.6 | NW | 2 | sub. | 1.3 | 10 | 5 | 754.6 | 9.5 | NW | 0 | id. | | |
| | Burgos | 758.6 | +1.0 | 6.6 | N | 0 | sub. | 1.3 | 10 | 6 | 752.7 | 9.5 | NW | 0 | sub. | | |
| | Soria | 758.5 | +0.3 | 9.0 | N | 1 | sub. | 1.2 | 12 | 5 | 747.1 | 11.2 | SE | 0 | lunja | | |
| | Valladolid | 761.2 | +2.8 | 2.2 | S | 1 | niebla | 1.5 | 15 | 5 | 754.8 | 10.0 | SW | 1 | id. | | |
| | Salamanca | 759.2 | +1.4 | 8.0 | NW | 1 | sub. | 1.4 | 11 | 5 | 753.0 | 9.2 | NW | 0 | id. | | |
| Región Central IV | Ávila | 750.5 | | 5.4 | NW | 0 | sub. | 9 | 11.5 | 4 | 753.5 | 9.2 | NW | 1 | id. | | |
| | Segovia | 750.5 | +1.3 | 6.5 | NW | 0 | c. sub. | 1.6 | 1.5 | 5 | 753.6 | 9.0 | NW | 4 | id. | | |
| | Madrid | 758.1 | +1.6 | 9.0 | NE | 1 | sub. | 2.4 | 14.0 | 6.2 | 753.1 | 14.0 | SW | 4 | sub. | | |
| | Toledo | 758.9 | +0.2 | 11.0 | SW | 0 | sub. | 10 | 16 | 9 | 753.2 | 15.2 | SW | 5 | sub. | | |
| | Guadalajara | 766.0 | +1.4 | 10.0 | NE | 0 | sub. | 27 | 19 | 7 | 752.7 | 14.0 | S | 2 | sub. | | |
| | Cuenca | 759.4 | -2 | | NW | 5 | c. | 21 | 14 | 7 | 756.7 | 11.5 | SE | 4 | sub. | | |
| Extrem.ª Mancha V | Cáceres | 758.6 | | 10.6 | NW | 1 | sub. | 13 | 17 | 8 | | 13.8 | NW | 2 | sub. | | |
| | Badajoz | 759.1 | +1.2 | 12.0 | S | 1 | sub. | 5 | 19 | 9 | 754.5 | 14.6 | N | 1 | lunja | | |
| | Ciudad Real | 756.8 | +2.0 | 11.3 | NW | 3 | c. sub. | 12 | 16 | 11 | 753.5 | 14.8 | N | 4 | sub. | | |
| Alto Ebro VI | Logroño | 757.3 | | 11.4 | NW | 2 | sub. | 3 | 14 | 8 | 752.1 | 15.5 | NW | 0 | sub. | | |
| | Pamplona | 754.0 | +1.0 | 11.6 | SW | 2 | c. d. | 20 | 18 | 9 | 750.5 | 16.0 | SE | 0 | sub. | | |
| | Huesca | 758.8 | +0.5 | 10.8 | NW | 4 | c. sub. | 1.2 | 21.5 | 10.2 | 754.5 | 16.2 | SE | 2 | lunja | | |
| | Zaragoza | 759.7 | 0.0 | 11.6 | NW | 3 | sub. | 6 | 18 | 11 | 753.4 | 17.2 | SE | 1 | id. | | |
| Cataluña VII | Lerida | | | | | | | | | | | | | | | | |
| | Gerona | 758.0 | 0.0 | 16.2 | NE | 0 | c. sub. | | 23 | 13 | 756.4 | 20.8 | S | 5 | c. sub. | | |
| | Barcelona | | | | | | | | | | | | | | | | |
| | Tarragona | 759.1 | | 14.8 | N | 0 | c. sub. m. da | 4 | 23 | 12 | 755.7 | 20.3 | S | 1 | sub. | | |
| Levante VIII | Tortosa | 756.4 | +2.0 | 14.6 | N | 3 | sub. | 3 | 23 | 14 | 754.8 | 20.1 | S | 2 | sub. | | |
| | Teruel | 757.4 | | 9.2 | N | 5 | sub. | 5 | 18 | 8 | 755.5 | 15.2 | S | 0 | sub. | | |
| | Castellón | 758.2 | +0.9 | 17.9 | NW | 0 | sub. | 1 | 29 | 17 | 754.4 | 20.0 | N | 0 | c. d. | | |
| Región del SE IX | Valencia | 755.2 | +1.5 | 18.8 | SW | 0 | sub. | 1 | 23 | 15 | 754.6 | 21.0 | SE | 1 | sub. | | |
| | Albacete | 752.3 | +1.0 | 12.8 | N | 1 | sub. | 7 | 20 | 11 | 754.5 | 17.2 | SW | 1 | lunja | | |
| | Alicante | 755.1 | +0.4 | 20.6 | NW | 0 | sub. | 8 | 16 | | 754.7 | 20.4 | SE | 1 | sub. | | |
| Cuenca del Guadalquivir X | Murcia | 771.8 | | 17.0 | SW | 0 | id. | 25 | 16 | | 753.8 | 24.2 | S | 2 | sub. | | |
| | Sevilla | 757.4 | | 16.6 | N | 6 | sub. | 46 | 19 | 14 | 754.0 | 18.0 | S | 4 | lunja | | |
| | Córdoba | 756.4 | +1.0 | 19.0 | NW | 1 | sub. | 38 | 19 | 15 | 754.5 | 17.8 | SW | 5 | id. | | |
| | Jaén | 757.6 | | 14.4 | SW | 0 | sub. | 18 | 20 | 14 | 754.8 | 18.2 | S | 1 | sub. | | |
| | Granada | 756.9 | +0.8 | 16.0 | SW | 1 | c. d. | 30 | 19 | 12 | 755.8 | 15.4 | SW | 2 | sub. | | |
| Costa del Sur XI | Huelva | 757.8 | | 14.2 | N | 4 | sub. | 8 | 21 | 11 | 753.3 | 18.5 | SW | 5 | lunja | | |
| | San Fernando | 756.2 | +1.2 | 16.5 | NE | 3 | c. sub. m. da | 4 | 19 | 16 | 754.7 | | S | 2 | id. | | |
| | Tarifa | 755.4 | +0.8 | 18.2 | SW | 5 | lunja m. da | 14 | 19 | 16 | 754.5 | 19.8 | SW | 6 | sub. | | |
| | Málaga | | | | | | | | | | | | | | | | |
| | Almería | 756.9 | | 19.3 | SW | 1 | sub. | | 21 | 18 | 757.9 | 20.0 | SW | 2 | sub. | | |
| Canarias XII | Palma | 754.7 | -1.6 | 20.4 | NE | 3 | sub. m. da | | 25 | 18 | 755.5 | 23.4 | SW | 3 | sub. | | |
| | Mahón | 755.2 | +1.0 | 22.0 | SW | 1 | sub. | | 27 | 21 | 755.8 | 24.2 | S | 2 | c. d. | | |
| Africa | Sta Cruz de Ten. | 762.1 | +0.6 | 23.0 | NE | 0 | sub. R? | 6 | 25 | 20 | 757.3 | 24.8 | SW | 4 | sub. | | |
| | Laguna | 760.9 | +1.3 | 17.2 | NW | 2 | c. sub. | 18 | 24 | 16 | 757.8 | 20.0 | NW | 4 | sub. | | |
| | Tetuan | | | | | | | | | | | | | | | | |
| | Melilla | 764.5 | | 26.6 | SW | 1 | sub. cal | | 27 | 22 | 763.9 | 27.6 | NW | 2 | sub. | | |
| | Larache | | | | | | | | | | | | | | | | |

— Noticias —