

DIRECCIÓN GENERAL DEL INSTITUTO GEOGRÁFICO Y ESTADÍSTICO

AÑO XXV

BOLETÍN

1917.

Núm.º.....

DEL

8 de Abril

OBSERVATORIO CENTRAL METEOROLÓGICO

Observaciones del Extranjero

| Estaciones | Observaciones de la mañana á las 7 ^h | | | | | | Id.en las 24 horas | | Id.de la vispera por la tarde | | | | | | |
|------------------------------|---|----------------------|-------------|-----------|------------------|------------------|--------------------|----------------|--|-------------------|---|-------------|-----------|------------------|------------------|
| | Barómetro | | Temperatura | Viento | | Estado del cielo | Estado del mar | Lluvia ó nieve | Temp. ^s extr. ^{as} | | Barom. ^o á 0 ^o y al nivel del mar | Temperatura | Viento | | Estado del cielo |
| | á 0 ^o y al nivel del mar | Variación en 3 horas | | Dirección | F. ^{ta} | | | | Max. ^a | Min. ^a | | | Dirección | F. ^{ta} | |
| Escandi- navia | Bodo | | | | | | | | | | | | | | |
| | Cristiansund | | | | | | | | | | | | | | |
| | Skudesnoes | | | | | | | | | | | | | | |
| Europa Oriental y Central | Riga | | | | | | | | | | | | | | |
| | Moscou | | | | | | | | | | | | | | |
| | Nicolaiew | | | | | | | | | | | | | | |
| | Feldkirch | | | | | | | | | | | | | | |
| | Czernovitz | | | | | | | | | | | | | | |
| | Cracovia | | | | | | | | | | | | | | |
| | Pola | | | | | | | | | | | | | | |
| | Viena | | | | | | | | | | | | | | |
| | Berlin | | | | | | | | | | | | | | |
| Berna | | | | | | | | | | | | | | | |
| Islas Británicas | Stornoway | | | | | | | | | | | | | | |
| | Shields | | | | | | | | | | | | | | |
| | Valentia | | | | | | | | | | | | | | |
| Francia | Gris Nez | | | | | | | | | | | | | | |
| | St. Mathieu | | | | | | | | | | | | | | |
| | Isla de Aix | | | | | | | | | | | | | | |
| | Biarritz | | | | | | | | | | | | | | |
| | Paris | | | | | | | | | | | | | | |
| | Clermont | | | | | | | | | | | | | | |
| | Perpiñán | | | | | | | | | | | | | | |
| Cabo Sicié | | | | | | | | | | | | | | | |
| Niza | | | | | | | | | | | | | | | |
| Italia | Liorna | | | | | | | | | | | | | | |
| | Roma | | | | | | | | | | | | | | |
| | Cagliari | | | | | | | | | | | | | | |
| | Palermo | | | | | | | | | | | | | | |
| Portugal | Porto | 763.0 | +0.6 | 10.0 | SNE | 4 | N. | Uva | 15 | 6 | 762.6 | 9.0 | N | 4 | N. |
| | Lisboa | 761.3 | +0.3 | 9 | N | 3 | S.E. | Frías | 13 | 8 | 760.2 | 12 | N.W. | 5 | S.W. |
| | Lagos | | | | | | | | | | | | | | |
| | Horta | | | | | | | | | | | | | | |
| | Flores | | | | | | | | | | 756.1 | | S.S. | | |
| | Punta Delgada | | | | | | | | | | | | | | |
| | Punchal | | | | | | | | | | | | | | |
| Marruecos y Argelia | Tinger | | | | | | | | | | | | | | |
| | Orán | | | | | | | | | | | | | | |
| | Laghoul | | | | | | | | | | | | | | |
| | Argel | | | | | | | | | | | | | | |
| | Cap de Garde | | | | | | | | | | | | | | |
| | Túnez | | | | | | | | | | | | | | |
| Biskra | | | | | | | | | | | | | | | |

Radiogramas

Precios de suscripción

España Un año 18 pesetas . Un semestre 9 pesetas
Extranjero Un año 30 pesetas

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

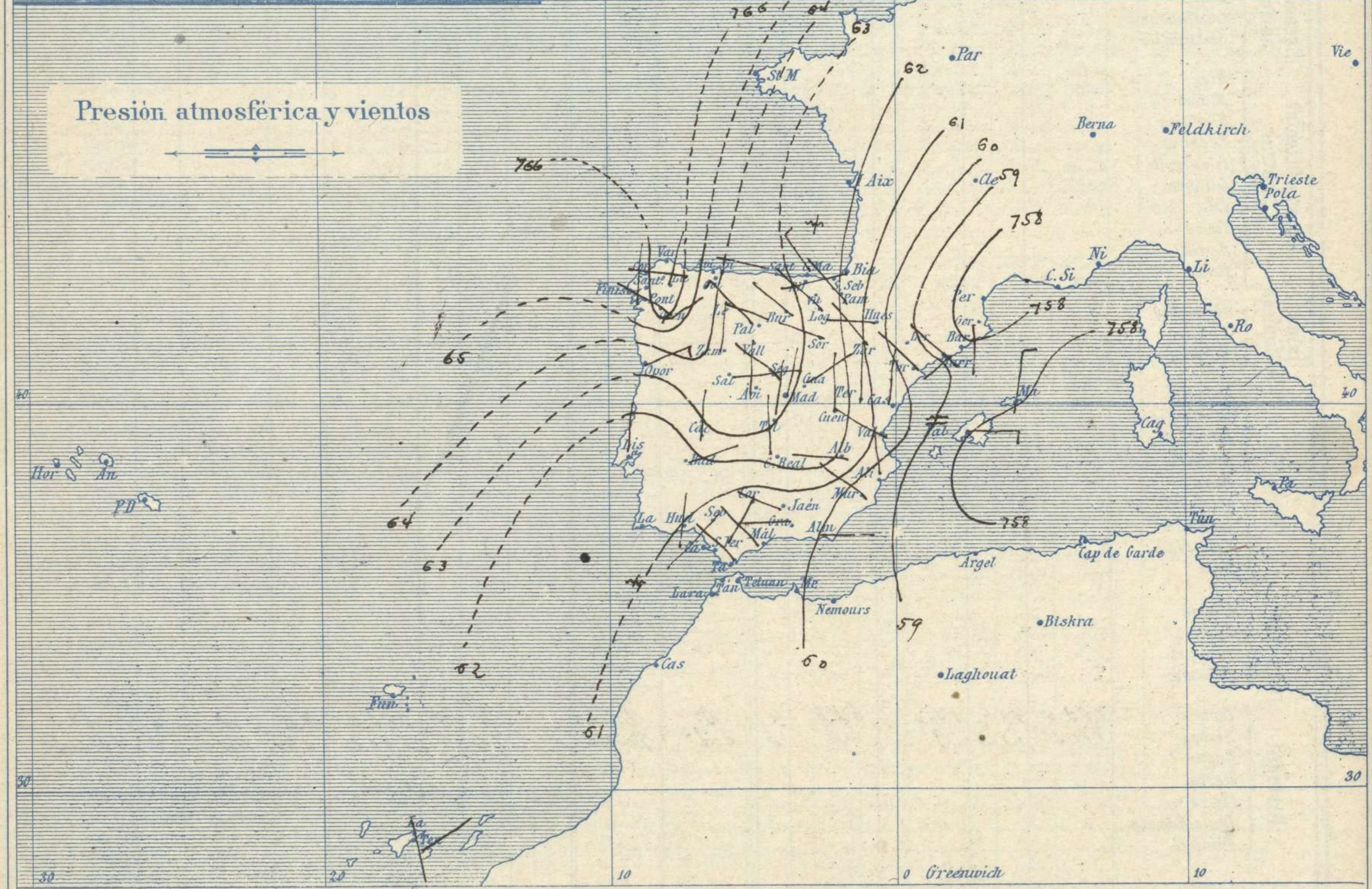
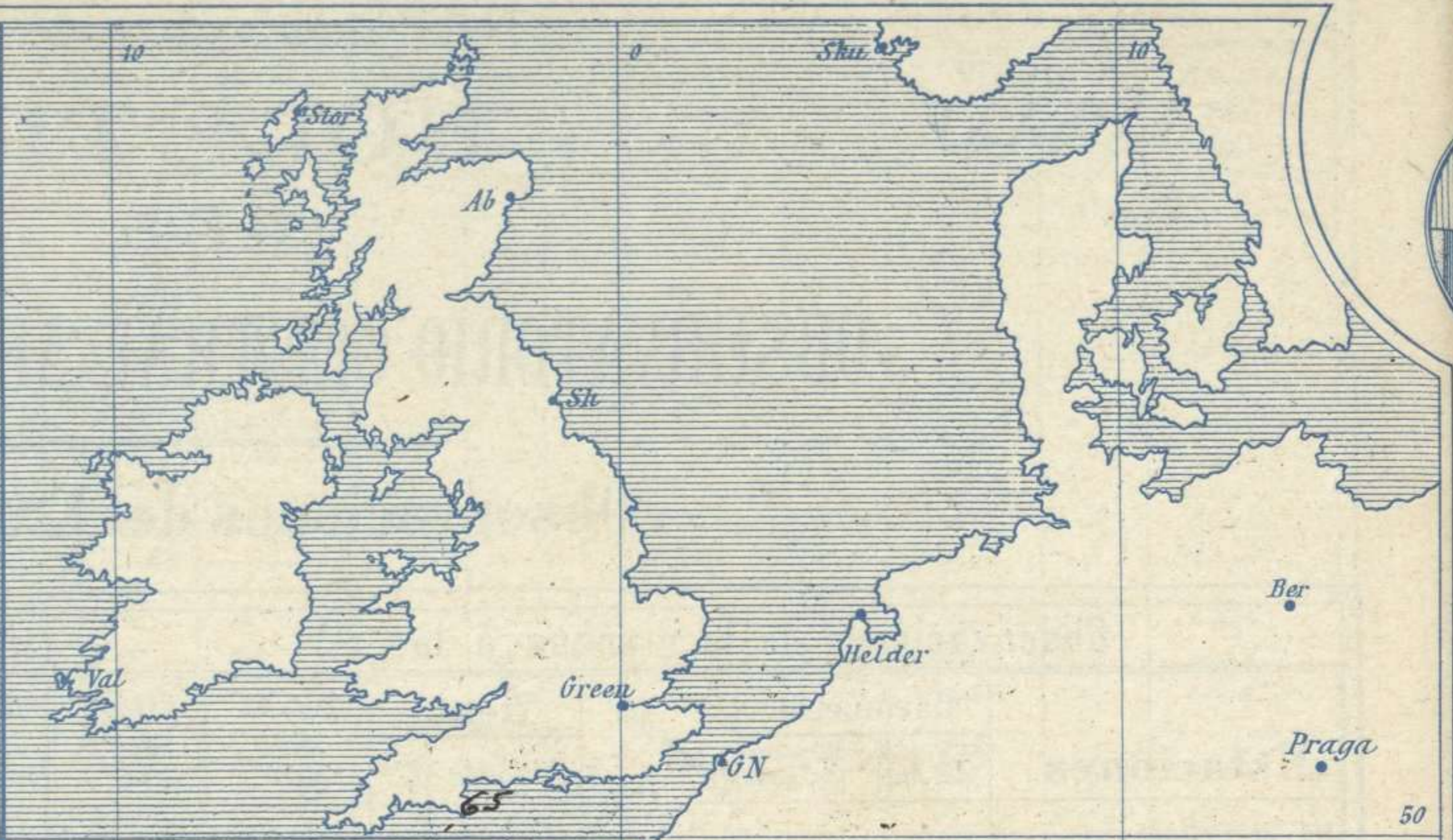
Dirección : Adresse : Address :

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 | | |
| 2 Muy flojo | ⊙ Con nubes | Rixada |
| 3 Flojo | | |
| 4 Bonancible (Moderado) | ⊖ Bruma | Marejada |
| 5 Fresquito (Algo fuerte) | | |
| 6 Fresco | ⊗ Niebla | Marejada gruesa |
| (Fuerte) | | |
| 7 Duro | ● Lluvia | Gruesa |
| 8 Muy duro | | |
| 9 Temporal | ⚡ Tormenta | Muy gruesa |
| | | |
| | | Arbolada |
| | | Muy arbolada |



Estado general

Las menores presiones se encuentran en el Mediterraneo, entre las Baleares y Cerdeña (758^{mm}) apareciendo las altas entre Galicia e Irlanda. Los vientos de toda la península Ibérica soplan de los cuadrantes del Oeste, flojos o moderados y aun se mantiene el regimen de lluvias.

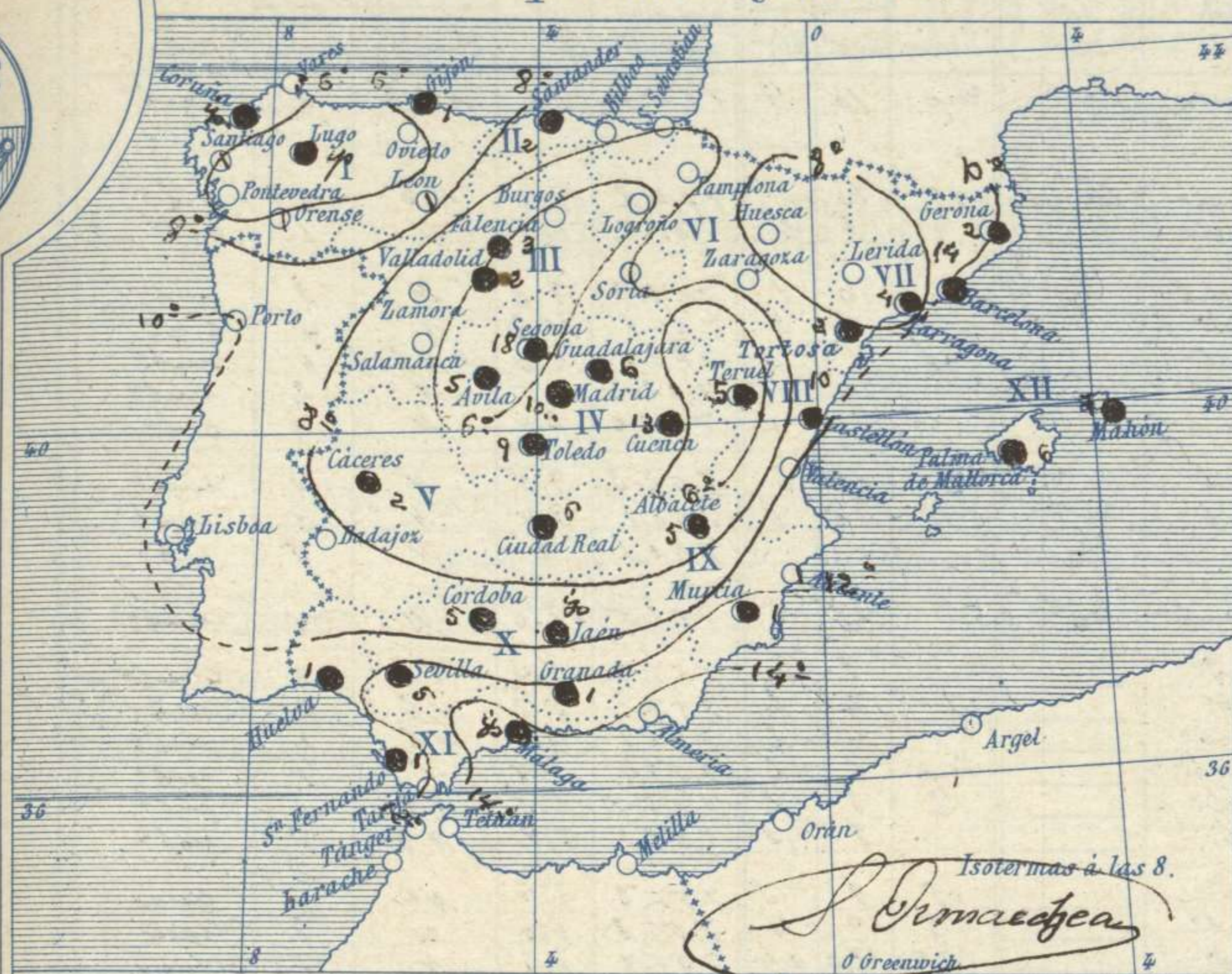
La temperatura es baja en Castilla la Vieja, siendo frecuentes las heladas; la máxima de ayer fue de 21 grados en Murcia y la mínima de hoy ha sido de 4 grados bajo cero en Valencia. Hay marejada en el mar Balear.

Sanja

El Director general: Marqués de Teverga

El Ingeniero Geógrafo Jefe del Observatorio. J. Galbis

Temperaturas y Lluvias



Tiempo probable

EN LAS REGIONES

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

No se hace predicción.

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

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

No se envia telegrama.



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

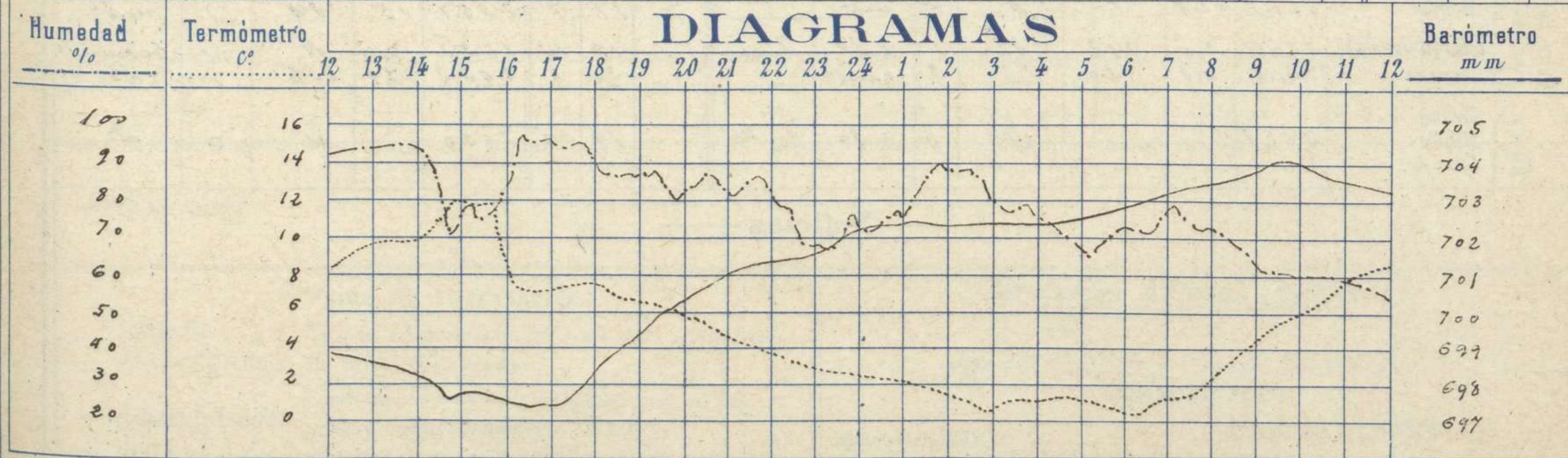
Observaciones aerológicas

PARQUE DEL RETIRO (Altitud 667 m.)

Hora.....

| Hora | Barómetro m m | Termómetro C° | Humedad o/o | Viento | | Lluvia Nieve | Estado del Cielo | Notas | Alturas | Dirección del viento | Fuerza O d. 9 | Alturas | Dirección del viento | Fuerza O d. 9 |
|------|------------------|------------------|----------------|-----------|------------------------|-----------------|------------------------|--|---------|-------------------------|------------------|---------|-------------------------|------------------|
| | | | | Birección | F ^{xa} O d. 9 | | | | | | | | | |
| 12 | 692.9 | 8.3 | 92 | SW | 1 | 4.5 | Cub ^h | Temp. máx. á la sombra 13.0 | | | | | | |
| 16 | 697.6 | 7.8 | 85 | N | 1 | 4.0 | Lluve | Id. mínima id. 0.4 | | | | | | |
| 20 | 700.3 | 5.8 | 83 | NNW | 3 | 1.5 | Cub ^h | Horas de la despejada en el día | | | | | | |
| 24 | 702.3 | 2.6 | 73 | N | 3 | | C D ^{do} | de ayer. O h ² 4.0 m ^h | | | | | | |
| 4 | 702.4 | 1.1 | 75 | NE | 2 | | Ddo | A. 16 ^h fuerte granizada | | | | | | |
| 8 | 703.5 | 2.5 | 73 | NNE | 1 | | Ddo | y aguacero. | | | | | | |
| 12 | 703.3 | 8.6 | 55 | E | 1 | | C D ^{do} | | | | | | | |

DIAGRAMAS



Observaciones de España

| Estaciones | Observaciones de la mañana á 8 horas | | | | | | | Id. en las 24 horas | | | | Id. de la víspera á 16 horas | | | | | |
|-------------------------------------|--------------------------------------|----------------------|-------------|-----------|-----|------------------|----------------|---------------------|---------------------------|-------------------|--------------------------------|------------------------------|-----------|--------|------------------|---------|---------|
| | 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 | Prá | | | | Max. ^a | Min. ^a | | | Dirección | Fuerza | | | |
| Región del N.W. I. | La Coruña | 764.9 | -0.1 | 7 | 8 | 2 | Nube | Ni ^a | sup | 10 | 4 | 764.2 | 10 | NW | 6 | c. nub. | |
| | Vares | | | | | | | | | | | | | | | | |
| | Avilés | | | | | | | | | | | | | | | | |
| | Gijón | 765.6 | 0.0 | 6.8 | SW | 2 | nub. | Nube | 19 | 10 | 3 | 764.2 | 9.6 | N | 2 | c. nub. | |
| | Oviedo | 765.0 | | 3.0 | SW | 1 | nub. | | | | | 761.7 | 7.0 | N | 1 | nub. | |
| | Finisterre | | | | | | | | | | | | | | | | |
| | Santiago | 764.6 | 0.0 | 4.1 | N | 2 | c. nub. | | | | 10 | 1 | 762.9 | 8.6 | N | 3 | nub. |
| | Pontevedra | 764.8 | +0.2 | 6.0 | N | 1 | nub. | | | | 12 | 3 | 761.7 | 11.2 | N | 4 | c. nub. |
| | Lugo | 766.0 | | 1.0 | NW | 3 | nub. | | sup | 8 | -3 | 763.5 | 6.0 | NW | 6 | nub. | |
| | Orense | 766.6 | 0.0 | 6.5 | NW | 1 | nub. | | | 14 | 1 | 762.2 | 11.5 | N | 2 | nub. | |
| León | 765.4 | | 2.8 | SE | 1 | nub. | | | 7 | -3 | 759.0 | 5.4 | N | 0 | c. nub. | | |
| Región Cantábrica II | Santander | 762.7 | +0.3 | 8.7 | WNW | 4 | c. nub. | Nube | 2 | 11 | 6 | 762.3 | 9.5 | N | 3 | nub. | |
| | Punta Galea | 761.6 | 0.0 | 6.9 | NW | 5 | c. nub. | Nube | 2 | 12 | 6 | 760.1 | 9.4 | N | 5 | nub. | |
| | Bilbao | | | | | | | | | | | 760.1 | 9 | N | 5 | nub. | |
| | Cabo Machichaco | | | | | | | | | | | | | | | | |
| San Sebastián | 762.4 | +0.4 | 8.0 | W | 3 | c. nub. | Nube | 1 | 12 | 5 | 761.5 | 12.0 | W | 4 | nub. | | |
| Región Duero III | Zamora | 763.3 | | 8.0 | N | 0 | nub. | | | 9 | 0 | 757.9 | 8.4 | N | 6 | c. nub. | |
| | Palencia | 764.2 | +0.4 | 2.3 | NW | 0 | nub. | | 3 | 7 | -4 | 757.6 | 5.7 | N | 4 | nub. | |
| | Burgos | 762.5 | +0.6 | 1.0 | NW | 0 | c. nub. | | | 6 | -2 | 758.1 | 4.8 | N | 1 | nub. | |
| | Soria | 762.2 | +0.7 | 2.8 | NW | 2 | nub. | | sup | 6 | -2 | 757.8 | 3.8 | N | 1 | nub. | |
| | Valladolid | 765.3 | +0.6 | -1.0 | S | 0 | c. nub. | | | 2 | 8 | -2 | 758.4 | 6.6 | N | 3 | nub. |
| | Salamanca | 761.7 | +0.4 | 2.0 | S | 2 | nub. | | | 9 | -3 | 757.1 | 6.8 | N | 3 | nub. | |
| Región Central IV | Ávila | 766.0 | | -1.6 | WNW | 2 | nub. | | 5 | 9 | -3 | 757.8 | 2.4 | NW | 4 | Nube | |
| | Segovia | 764.6 | +0.7 | -1.0 | NW | 0 | c. nub. | | 19 | 9 | -4 | 757.7 | 6.0 | W | 1 | Nube | |
| | Madrid | 762.3 | +0.9 | 2.5 | NW | 1 | nub. | | 10.0 | 12.0 | 0.4 | 757.7 | 7.7 | N | 1 | Nube | |
| | Toledo | 762.1 | +0.4 | 4.2 | NW | 0 | nub. | | | 9 | 12 | 2 | 755.3 | 11.4 | SW | 2 | c. nub. |
| | Guadalajara | 762.3 | +0.8 | 2.8 | N | 0 | nub. | | 6 | 10 | 1 | 755.3 | 8.2 | N | 0 | nub. | |
| Cuenca | 759.4 | +0.4 | 1.7 | N | 4 | nub. | | 13 | 8 | -2 | 759.1 | 6.2 | SE | 0 | nub. | | |
| Extrem ^a Mancha V | Cáceres | 762.1 | | 5.2 | N | 1 | nub. | | 2 | 12 | -1 | 757.1 | 10.7 | NW | 2 | c. nub. | |
| | Badajoz | 761.0 | +1.0 | 7.2 | N | 1 | nub. | | | 13 | 5 | 757.7 | 12.0 | NW | 3 | nub. | |
| | Ciudad Real | 762.5 | +1.4 | 3.8 | N | 3 | c. nub. | | 6 | 12 | 1 | 757.1 | 10.4 | W | 7 | nub. | |
| | | | | | | | | | | | | | | | | | |
| Alto Ebro VI | Logroño | 760.2 | | 3.6 | NW | 2 | c. nub. | | 10 | 2 | 759.4 | 6.7 | N | 3 | nub. | | |
| | Pamplona | 761.3 | | 5.4 | NW | 3 | c. nub. | | 8 | 2 | 758.2 | 5.6 | N | 3 | nub. | | |
| | Huesca | 759.5 | +1.0 | 5.4 | W | 1 | nub. | | 12 | 1 | 754.8 | 10.6 | WNW | 1 | nub. | | |
| | Zaragoza | 761.0 | +0.5 | 7.7 | NW | 2 | c. nub. | | 10 | 4 | 757.6 | 7.4 | WNW | 1 | c. nub. | | |
| Cataluña VII | Lérida | 757.7 | +0.2 | 9.6 | S | 1 | nub. | | 2 | 15 | 5 | 756.2 | 12.0 | S | 2 | nub. | |
| | Gerona | 758.4 | +0.4 | 11 | SW | 0 | c. nub. | Nube | 14 | 16 | 7 | 757.3 | 13 | SW | 1 | nub. | |
| | Barcelona | 758.9 | | 7.7 | NW | 2 | nub. | Nube | 4 | 14 | 5 | 755.2 | 12.0 | SW | 2 | nub. | |
| | Tarragona | 759.3 | +0.7 | 8.6 | NW | 3 | nub. | | 2 | 16 | 6 | 755.8 | 11.6 | NW | 1 | Nube | |
| Levante VIII | Teruel | 760.8 | | 0.4 | N | 1 | nub. | | 5 | 8 | -2 | 756.7 | 6.6 | SW | 0 | Nube | |
| | Castellón | 760.9 | +0.4 | 9.1 | W | 0 | c. nub. | Nube | 10 | 14 | 6 | 759.0 | 7.4 | W | 1 | Nube | |
| | Valencia | 760.3 | | 10.4 | NW | 1 | nub. | | | 19 | 7 | 756.7 | 14.0 | WNW | 1 | nub. | |
| Región del Guadalquivir X del SE IX | Albacete | 761.7 | +1.1 | 2.7 | W | 1 | nub. | | 5 | 10 | 2 | 755.9 | 10.1 | W | 1 | nub. | |
| | Alicante | 758.6 | +1.0 | 11 | N | 0 | nub. | Nube | | 16 | 9 | 755.6 | 15 | N | 1 | c. nub. | |
| | Murcia | 759.0 | | 13.0 | NW | 1 | nub. | | 1 | 21 | 7 | 755.2 | 12.2 | SW | 1 | c. nub. | |
| Cuenca del Guadalquivir X del SE IX | Sevilla | 760.9 | | 13.6 | SW | 1 | c. nub. | | 5 | 17 | 7 | 758.0 | 17.0 | W | 6 | c. nub. | |
| | Córdoba | 760.1 | +0.5 | 8.9 | SW | 1 | c. nub. | | 5 | 16 | 8 | 757.7 | 16.0 | W | 4 | c. nub. | |
| | Jaén | 761.1 | | 7.4 | WNW | 0 | nub. | | sup | 12 | 5 | 757.5 | 11.8 | SW | 3 | nub. | |
| | Granada | 762.7 | +0.2 | 8.2 | W | 1 | c. nub. | | 1 | 15 | 6 | 760.5 | 12.0 | W | 8 | Nube | |
| Costa del Sur XI | Huelva | 760.6 | | 10.8 | N | 3 | c. nub. | Nube | 1 | 18 | 9 | 758.6 | 17.8 | W | 4 | c. nub. | |
| | San Fernando | 761.1 | 0.0 | 11 | CE | 0 | c. nub. | Nube | 1 | 16 | 8 | 760.9 | 14 | W | 5 | nub. | |
| | Tarifa | 760.1 | +0.3 | 12.1 | NW | 3 | nub. | Nube | | 14 | 11 | 758.6 | 14.5 | W | 6 | nub. | |
| | Málaga | 760.8 | +0.2 | 14 | NW | 2 | nub. | Nube | sup | 20 | 12 | 758.9 | 13 | N | 11 | nub. | |
| | Almería | 758.3 | | 15.0 | E | 1 | nub. | Nube | | 17 | 7 | 755.1 | 15.5 | SW | 9 | nub. | |
| Canales de las Baleares XII | Palma | 757.5 | +0.7 | 10 | S | 5 | nub. | Nube | 6 | 16 | 9 | 756.4 | 15 | SW | 3 | nub. | |
| | Mañón | 757.7 | +0.8 | 9 | N | 5 | nub. | | 7 | 17 | 7 | 755.7 | 15 | SW | 1 | nub. | |
| | Lago de San Pedro | 761.5 | 0.0 | 14.2 | SE | 1 | c. nub. | Nube | | 19 | 13 | 762.3 | 17.4 | N | 1 | Bombas | |
| Laguna | 761.6 | -0.3 | 15.0 | SE | 4 | nub. | | | 20 | 6 | 763.3 | 17.2 | SE | 1 | nub. | | |
| Africa | Teluan | 762.8 | | | W | 0 | c. nub. | Nube | | 19 | 10 | 762.0 | | W | 0 | nub. | |
| | Melilla | | | | | | | | | | | | | | | | |
| | Larache | | | | | | | | | | | | | | | | |

— Noticias —