

DIRECCIÓN GENERAL DEL INSTITUTO GEOGRÁFICO Y ESTADÍSTICO

AÑO XXIV

Núm. 232

BOLETÍN

DEL

1916

19 de Agosto

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° y al nivel del mar | Variación en 3 horas | | Dirección | f ^{va} | | | | Max. ^a | Min. ^a | | | Dirección | f ^{va} | | |
| Escandinavia | Bodo | 57.1 | 00 | 11 | ENE | 1 | cc | R ^a | | | | | | | | |
| | Cristiansund | 56.0 | 0.0 | 17 | e | 0 | NB | R ^a | 12 | 7 | 57.5 | 11 | ENE | 1 | d | |
| | Skudesnoes | | | | | | | | 0.5 | 14 | 11 | 56.4 | 12 | e | 0 | cl |
| Europa Oriental y Central | Riga | | | | | | | | | | | | | | | |
| | Moscou | | | | | | | | | | | | | | | |
| | Nicolaiev | | | | | | | | | | | | | | | |
| | Feldkirch | | | | | | | | | | | | | | | |
| | Czernovitz | | | | | | | | | | | | | | | |
| | Cracovia | | | | | | | | | | | | | | | |
| | Pola | | | | | | | | | | | | | | | |
| | Viena | | | | | | | | | | | | | | | |
| Berlin | | | | | | | | | | | | | | | | |
| Berna | | | | | | | | | | | | | | | | |
| Islas Británicas | Stornoway | | | | | | | | | | | | | | | |
| | Shields | | | | | | | | | | | | | | | |
| | Valentia | | | | | | | | | | | | | | | |
| Francia | Gris Nex | | | | | | | | | | | | | | | |
| | St. Mathieu | | | | | | | | | | | | | | | |
| | Isla de Aix | | | | | | | | | | | | | | | |
| | Biarritz | | | | | | | | | | | | | | | |
| | Paris | | | | | | | | | | | | | | | |
| | Clermont | | | | | | | | | | | | | | | |
| | Perpiñán | | | | | | | | | | | | | | | |
| Cabo Sicié | | | | | | | | | | | | | | | | |
| Niza | | | | | | | | | | | | | | | | |
| Italia | Liorna | | | | | | | | | | | | | | | |
| | Roma | | | | | | | | | | | | | | | |
| | Cagliari | | | | | | | | | | | | | | | |
| | Palermo | | | | | | | | | | | | | | | |
| Portugal | Porto | 6.57 | +0.2 | 18.6 | N | 4 | cc | Naua | 22 | 17 | 7.659 | 18.9 | NW | 1 | e | |
| | Lisboa | 7.53.0 | +0.2 | 20 | NW | 4 | sub | Riz | 25 | 17 | 7.637 | 20 | NW | 5 | de | |
| | Lagos | 7.52.8 | +0.1 | 22 | cal. | 0 | st | Naua | 30 | 17 | 7.632 | 23 | N | 3 | de | |
| | Horta | 7.66.1 | +0.4 | 21 | e | 0 | n | R ^a | 3 | 26 | 18 | 7.56.75 | 22 | e | 0 | n |
| | Flores | | | | | | | | | | | | | | | |
| | Punta Delgada | 7.67.0 | +0.0 | 19.9 | e | 0 | n | Naua | 25 | 19 | 7.69.0 | 21.1 | cal | 0 | cc | |
| Funchal | 7.54.7 | -0.1 | 19 | NB | 3 | cid. | N ^a | 23 | 19 | 7.65.6 | 22 | NB | 3 | sub. | | |
| Marruecos y Argelia | Tánger | 6.28 | | 25.7 | NW | 2 | d | Nlla | 28 | 16 | 5.78 | 25.7 | NW | 2 | d | |
| | Orán | | | | | | | | | | | | | | | |
| | Laghout | | | | | | | | | | | | | | | |
| | Argel | | | | | | | | | | | | | | | |
| | Cap de Garde | | | | | | | | | | | | | | | |
| Biskra | | | | | | | | | | | | | | | | |

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

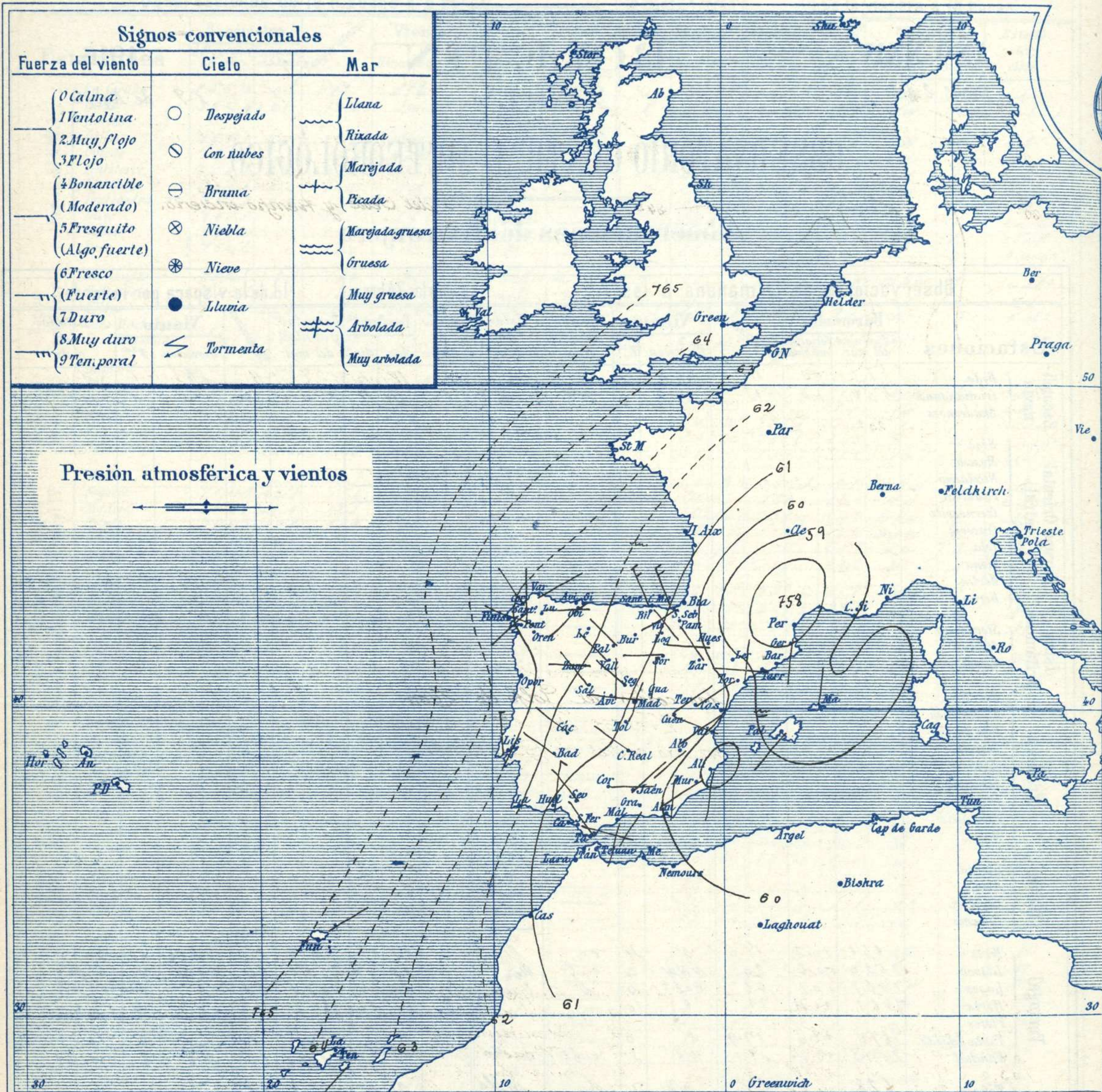
Dirección : Adresse : Address :

Señor

Jefe del Observatorio Central Meteorológico
Parque del Retiro

Madrid. (ESPAÑA)

Apartado n.º 285.



Presión atmosférica y vientos



Estado general

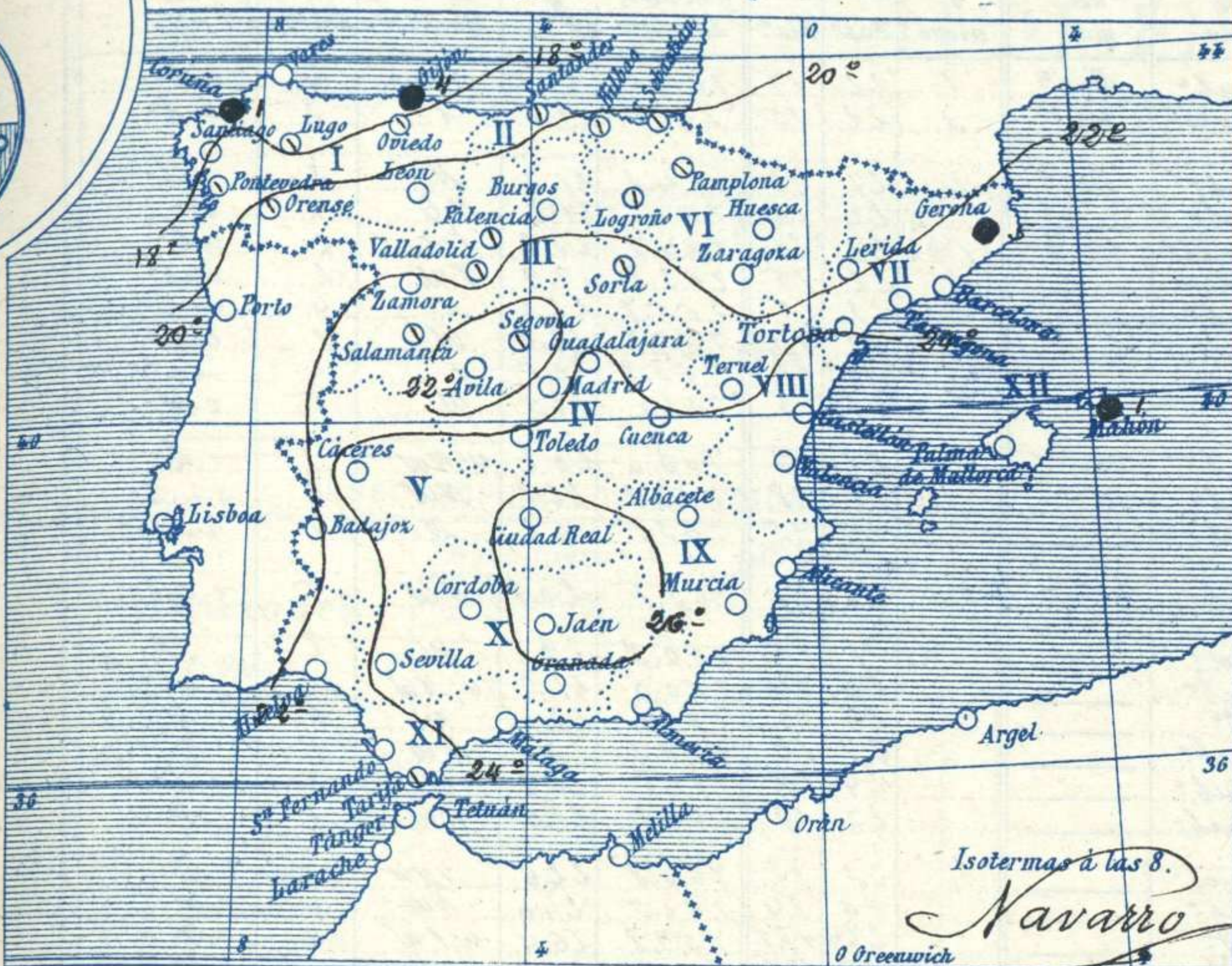
Sobre el Sur de Francia y extendiéndose al mar Balear aparece hoy una pequeña perturbación atmosférica que produce vientos fuertes en las costas del Golfo de Vizcaya correspondientes a las provincias vascongadas y en general una corriente de aire de Occidente a Oriente por toda España. El tiempo se mantiene bueno y ha habido algún aumento de la temperatura en las comarcas del Centro y Sur de la Península; la máxima de ayer fue de 34 grados en Murcia y Sevilla y la mínima de hoy ha sido de 10 grados en Burgos y Soria.

Las presiones altas deben de hallarse hacia las Azores.

El Director general: Marqués de Teverga

El Ingeniero Geógrafo Jefe del Observatorio. J. Galbis

Temperaturas y Lluvias



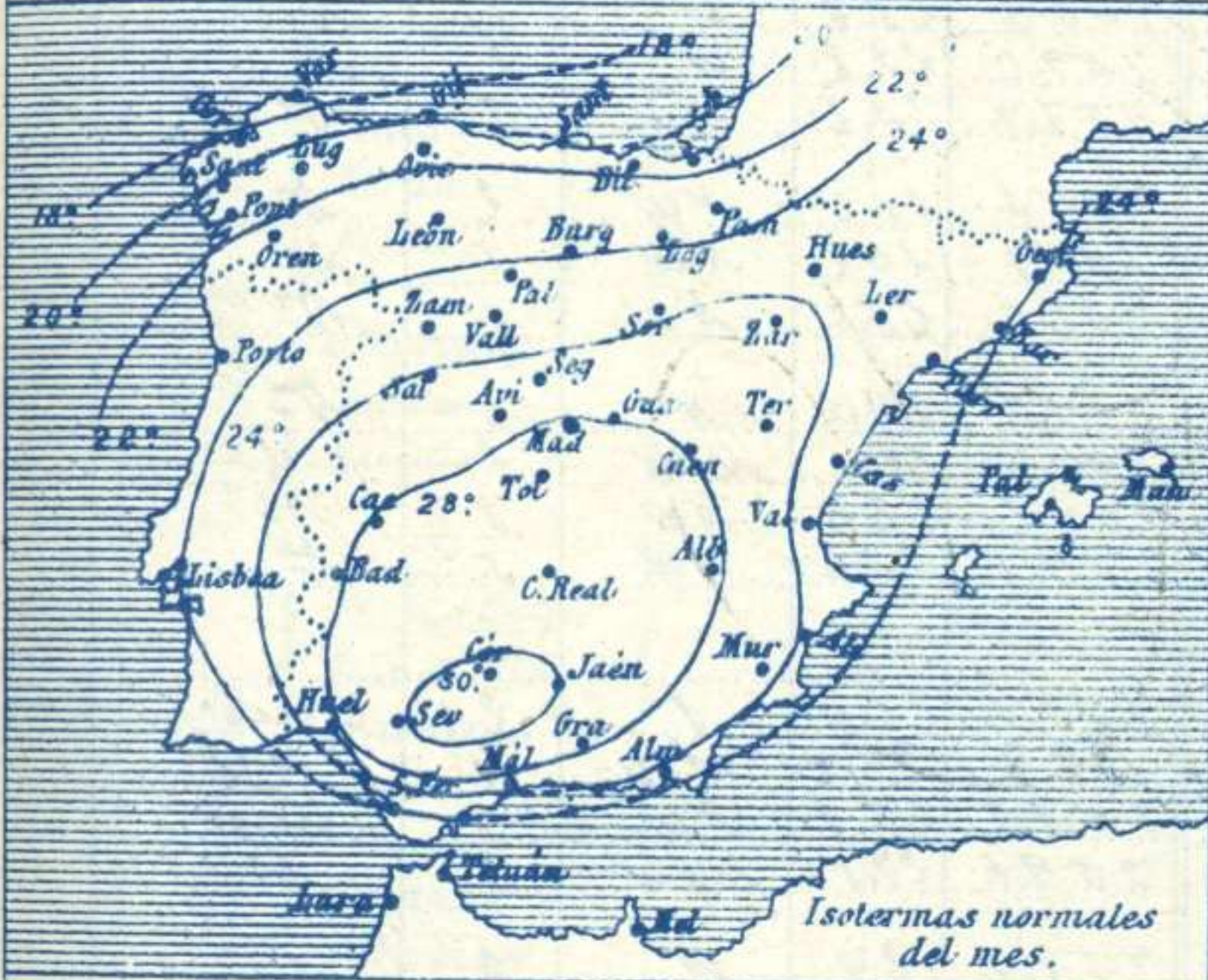
Isotermas a las 8.
Navarro

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

Tiempo probable

EN LAS REGIONES

- I } Vientos moderados de la región del Norte y algunas lluvias.
- II } Vientos moderados y flojos de la región del Oeste y tiempo incierto.
- III }
- IV }
- V }
- VI }
- VII } Vientos flojos o moderados de la región del Oeste y buen tiempo.
- VIII }
- IX }
- X }
- XI }
- XII }



Isotermas normales del mes.

Telegrama para las Comandancias de Marina depositado a las 13. h. 10. m
Son probables los vientos moderados y fuertes del Norte en las costas del Golfo de León.
Vientos del 1º cuadrante y algunas lluvias y mar en las costas de Guipúzcoa.

Observaciones de Madrid entre 12^h del día 18 y 12^h del día 19

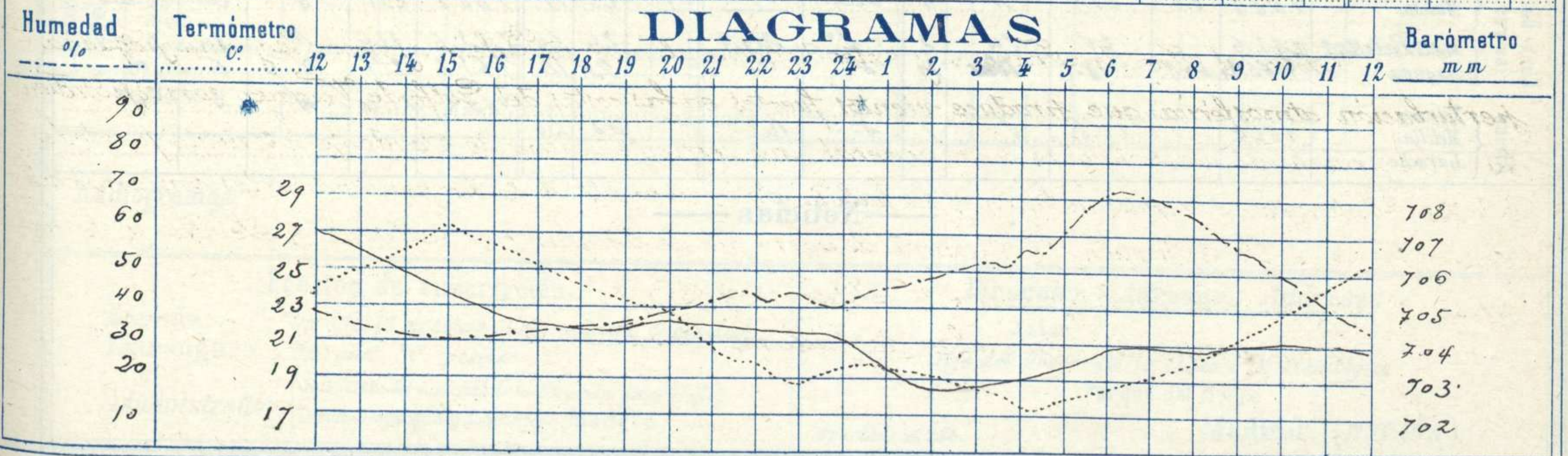
PARQUE DEL RETIRO (Altitud 667 m.)

Observaciones aerológicas

Hora.....

| 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 ^{ra} 0 a 9 | | | | | | | | | | |
| 12 | 707.0 | 23.8 | 38 | SW | 1 | . | Despejado | | | | | | | | |
| 16 | 704.8 | 26.4 | 31 | WSW | 1 | . | Id. | Temperatura máxima a la sombra 27°4 | | | | | | | |
| 20 | 704.6 | 22.6 | 34 | SW | 1 | . | Id. | Id. mínima id. 17°5 | | | | | | | |
| 24 | 704.1 | 20.7 | 35 | WSW | 2 | . | Id. | Horas de Sol despejado en el día de ayer 12.3.20. | | | | | | | |
| 4 | 703.0 | 17.6 | 56 | WSW | 2 | . | Id. | | | | | | | | |
| 8 | 703.9 | 20.2 | 66 | WSW | 1 | . | Id. | | | | | | | | |
| 12 | 702.9 | 25.8 | 35 | WSW | 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. 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 ^{za} | | | | Max. ^a | Min. ^a | | | Dirección | Fuerza | | |
| Región del N.W. I. | La Coruña | 763.5 | +0.4 | 18 | NW | 2 | sub. | Pis. ^a | 1 | 22 | 17 | 764.2 | 20 | NW | 2 | sub. |
| | Vares | 762.1 | 1.0 | 17.0 | NE | 2 | c. sub. | M. ^{ca} | 2 | 22 | 15 | 762.7 | 19.2 | N | 2 | sub. |
| | Avilés | | | | | | | | | | | | | | | |
| | Gijón | 764.5 | 1.0 | 17.2 | SW | 4 | sub. | Pis. ^a | 4 | 21 | 16 | 764.2 | 21.2 | N | 2 | sub. |
| | Oviedo | 761.9 | | 17.2 | W | 1 | sub. | | | 24 | 15 | 761.2 | 21.2 | N.E. | 1 | sub. |
| | Finisterre | 763.2 | 0.4 | 22.6 | Cal. ^a | 0 | c. sub. | M. ^{ca} | 1.9 | 22 | 21 | 764.7 | 22.2 | SW | 2 | sub. |
| | Santiago | 762.2 | -0.2 | 15.9 | SW | 0 | sub. | | 2 | 22 | 15 | 763.8 | 19.9 | SW | 1 | sub. |
| | Pontevedra | 763.9 | 0.2 | 18.0 | N | 1 | sub. | | 1 | 23 | 15 | 765.7 | 22.0 | N | 4 | sub. |
| | Lugo | 762.2 | | 15.5 | W | 1 | sub. | | 1.0 | 22 | 12 | 762.7 | 12.0 | W | 1 | sub. |
| | Orense | 762.2 | 1.0 | 20.2 | N | 0 | sub. | | 2.2 | 11 | | 765.2 | 20.5 | N | 1 | sub. |
| León | 760.6 | | 17.6 | NW | 2 | sub. | | 2.2 | 5 | | 761.0 | 19.5 | W | 5 | c. d. | |
| Región Cantábrica II | Santander | 760.2 | 0.5 | 19.6 | W | 6 | sub. | M. ^a | 2.2 | 17 | | 762.0 | 20.2 | NW | 3 | c. d. |
| | Punta Galea | 757.4 | 0.0 | 20.6 | NW | 6 | sub. | M. ^a | 2.2 | 18 | | 761.3 | 22.2 | NW | 6 | c. sub. |
| | Bilbao | 760.2 | +0.1 | 21 | NE | 1 | sub. | | 2.2 | 15 | | 763.1 | 22 | N | 1 | sub. |
| | Cabo Machichaco | | | | | | | | | | | | | | | |
| Sun Sebastián | 760.2 | +0.4 | 20.6 | NW | 5 | sub. | M. ^d | 0.5 | 22 | 16 | 762.1 | 20.2 | NW | 5 | c. sub. | |
| Región del Duero III | Zamora | 763.4 | +1.0 | 18.9 | W | 1 | c. d. | | 21 | 15 | 760.2 | 29.8 | W | 2 | sub. | |
| | Palencia | 761.0 | +1.0 | 18.0 | NW | 2 | sub. | | 26 | 14 | 760.0 | 21.5 | NW | 0 | c. d. | |
| | Burgos | 759.5 | +0.2 | 16.2 | NE | 0 | sub. | | 22 | 10 | 760.2 | 22.0 | W | 0 | sub. | |
| | Soria | 759.6 | +0.2 | 17.2 | W | 4 | sub. | | 23 | 10 | 759.3 | 22.0 | NW | 1 | sub. | |
| | Valladolid | 762.7 | +0.4 | 16.2 | NW | 2 | sub. | | 24 | 15 | 761.8 | 22.2 | W | 2 | c. d. | |
| | Salamanca | 760.4 | +0.6 | 17.6 | NW | 2 | sub. | | 27 | 12 | 760.3 | 21.0 | NW | 2 | sub. | |
| Región Central IV | Ávila | 760.1 | | 14.6 | N | 1 | c. sub. | | 22 | 12 | 760.2 | 22.6 | NW | 4 | sub. | |
| | Segovia | 761.2 | 0.0 | 15.0 | NW | 1 | sub. | | 26 | 14 | 760.5 | 24.0 | NW | 1 | sub. | |
| | Madrid | 759.2 | +0.2 | 20.2 | NW | 1 | sub. | | 27.4 | 17.5 | 759.2 | 26.4 | W | 1 | sub. | |
| | Toledo | 759.9 | +0.2 | 22.4 | NW | 0 | sub. | | 29 | 18 | 760.7 | 22.5 | W | 1 | sub. | |
| | Guadalajara | 759.5 | 0.2 | 21.4 | N | 0 | sub. | | 27 | 15 | 759.0 | 25.2 | W | 2 | sub. | |
| | Cuenca | 752.6 | | 18.6 | NE | 0 | sub. | | 24 | 11 | 757.9 | 22.2 | W | 2 | sub. | |
| Extrem ^a Mancha V | Cáceres | 761.0 | | 22.2 | NW | 2 | sub. | | 22 | 17 | 761.3 | 21.0 | NW | 2 | sub. | |
| | Badajoz | 752.0 | +0.2 | 20.2 | NW | 1 | sub. | | 21 | 16 | 761.7 | 20.2 | NW | 1 | sub. | |
| | Ciudad Real | 760.6 | +1.0 | 22.2 | NW | 0 | sub. | | 20 | 12 | 761.5 | 22.4 | NW | 2 | sub. | |
| Alto Ebro VI | Logroño | 760.6 | | 18.2 | N | 0 | sub. | | 25 | 14 | 761.5 | 24.2 | N | 0 | sub. | |
| | Pamplona | 759.2 | | 16.2 | NW | 0 | sub. | | 20 | 12 | 761.4 | 19.0 | NW | 2 | c. d. | |
| | Huesca | 752.5 | -1.0 | 18.4 | W | 2 | c. d. | | 22.6 | 12.6 | 760.2 | 22.0 | NW | 2 | sub. | |
| | Zaragoza | 764.2 | 0.0 | 17.4 | NW | 1 | c. d. | | 26 | 14 | 759.2 | 25.0 | NW | 2 | sub. | |
| Cataluña VII | Lérida | | | | | | | | | | | | | | | |
| | Gerona | 752.0 | 0.0 | 22.0 | N | 2 | sub. | | 5 | 29 | 16 | 752.5 | 25.0 | N | 2 | c. sub. |
| | Barcelona | 757.9 | +0.7 | 22 | SW | 2 | c. d. | M. ^a | | | | 58.9 | 26.2 | SW | 4 | c. c. |
| | Tarragona | 759.5 | | 22.2 | W | 2 | c. d. | Nana | 29 | 19 | 752.7 | 22.9 | NW | 2 | sub. | |
| Tortosa | 759.0 | 0.2 | 25.4 | N | 2 | sub. | | 30 | 21 | 759.1 | 29.1 | NW | 2 | sub. | | |
| Levante VIII | Teruel | 759.2 | | 18.4 | NE | 0 | sub. | | 26 | 12 | 752.4 | 24 | N | 0 | sub. | |
| | Castellón | 759.6 | 0.0 | 26.4 | SW | 0 | sub. | Nana | 28 | 22 | 759.6 | 27.0 | W | 1 | sub. | |
| | Valencia | 759.1 | | 25.2 | NW | 1 | sub. | | 31 | 20 | 759.6 | 26.2 | NE | 1 | c. d. | |
| Región del Guadalquivir IX | Albacete | 760.0 | 0.2 | 19.2 | SW | 0 | sub. | | 27 | 14 | 759.6 | 26.6 | NW | 1 | sub. | |
| | Alicante | 752.2 | +0.4 | 24 | N | 0 | sub. | Nana | 21 | 19 | 760.2 | 26 | SW | 5 | sub. | |
| | Murcia | 752.9 | | 22.6 | SW | 1 | sub. | | 24 | 18 | 759.1 | 29.9 | SW | 4 | sub. | |
| Cuenca del Guadalquivir X | Sevilla | 760.2 | | 25.2 | NW | 0 | sub. | | 24 | 18 | 760.4 | 24.2 | SW | 1 | sub. | |
| | Córdoba | 760.4 | 0.0 | 21.4 | E | 1 | sub. | | 23 | 17 | 760.2 | 22.6 | SW | 1 | sub. | |
| | Jaén | 760.4 | | 25.4 | NE | 0 | sub. | | 28 | 18 | 760.2 | 27.2 | NW | 1 | sub. | |
| | Granada | 760.2 | | 19.6 | SW | 0 | sub. | | 20 | 16 | 760.2 | 29.6 | W | 4 | sub. | |
| Costa del Sur XI | Huelva | 760.6 | | 22.6 | N | 5 | sub. | M. ^{ca} | 32 | 18 | 761.0 | 25.2 | NW | 4 | sub. | |
| | San Fernando | 761.0 | | | NE | 1 | c. d. | Nana | 27 | 18 | 752.1 | 24 | W | 3 | sub. | |
| | Tarifa | 760.4 | 0.0 | 21.8 | NW | 2 | sub. | Nana | 25 | 19 | 761.3 | 24.4 | NW | 3 | sub. | |
| | Málaga | 760.4 | -0.2 | 22 | N | 1 | sub. | Pis. ^a | 21 | 22 | 762.0 | 22 | N | 1 | sub. | |
| | Almería | 759.7 | | 25.2 | N | 1 | sub. | Nana | 28 | 24 | 760.4 | 16.2 | N | 0 | sub. | |
| Canarias XII | Palma | 759.2 | -0.2 | 26 | SW | 1 | sub. | M. ^a g ^{ra} | 20 | 20 | 760.6 | 22 | NW | 7 | c. d. | |
| | Mahón | 758.2 | 0.0 | 23.9 | N | 2 | sub. | | 25 | 19 | 760.7 | 22.1 | E | 2 | c. sub. | |
| Canarias XIII | Las Palmas | 763.6 | | 26 | SW | 2 | c. d. | Pis. ^a | 24 | 20 | 763.6 | 22.4 | N | 1 | c. sub. | |
| | Laguna | 763.4 | +0.1 | 18.2 | SW | 2 | sub. | Ca | 24 | 16 | 763.2 | 21.7 | N | 6 | sub. | |
| Africa | Tetuan | | | | | | | | | | | | | | | |
| | Melilla | 764.2 | | 25.0 | N | 1 | sub. | Pis. ^a | 22 | 20 | 765.0 | 21.0 | W | 2 | sub. | |
| Larache | | | | | | | | | | | | | | | | |

—Noticias—