

DIRECCIÓN GENERAL DEL INSTITUTO GEOGRÁFICO Y ESTADÍSTICO

AÑO XXVI

Núm. 361

BOLETÍN

DEL

1918

27 de Diciembre

OBSERVATORIO CENTRAL METEOROLÓGICO

Observaciones del Extranjero

| Observaciones de la mañana á las 7 ^h | | | | | | | | | | | | | Id. en las 24 horas | | Id. de la víspera 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 | | | |
| | a 0° y al nivel del mar | Variación en 3 horas | | Dirección | F. ^{va} | | | | Max. ^a | Min. ^a | | | Dirección | F. ^{va} | | | | |
| Escandinavia | Bodo | | | | | | | | | | | | | | | | | |
| | Cristiansund | | | | | | | | | | | | | | | | | |
| | Skudesnoes | | | | | | | | | | | | | | | | | |
| Europa Oriental y Central | Riga | | | | | | | | | | | | | | | | | |
| | Moscou | | | | | | | | | | | | | | | | | |
| | Nicolaiow | | | | | | | | | | | | | | | | | |
| | Feldkirch | | | | | | | | | | | | | | | | | |
| | Gernorvitz | | | | | | | | | | | | | | | | | |
| | Gracovia | | | | | | | | | | | | | | | | | |
| | Pola | | | | | | | | | | | | | | | | | |
| | Vienna | | | | | | | | | | | | | | | | | |
| 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 | 774.8 | +0.5 | 2.4 | ESE | 4 | e | Mda | 12 | 0 | 774.1 | 32 | ESE | 3 | ☁ | | | |
| | Lisboa | 773.1 | +0.1 | 6 | N | 1 | ☁ | Mda | 12 | 6 | 773.2 | 9 | N | 3 | ☁ | | | |
| | Lagos | 772.9 | a.e. | 5 | E | 0 | ☁ | PL | 16 | 4 | 771.4 | 11 | E | 0 | ☁ | | | |
| | Horta | | | | | | | | | | | | | | | | | |
| | Flores | | | | | | | | | | | | | | | | | |
| | Punta Delgada | | | | | | | | | | | | | | | | | |
| Funchal | 771.6 | 0.0 | 15 | NE | 3 | N | Malla | 19 | 13 | 771.2 | 16 | NE | 3 | ☁ | | | | |
| Marruecos y Argelia | Tánger | | | | | | | | | | | | | | | | | |
| | Orán | 770.1 | | 11.0 | W | 4 | e | Mda | 13 | 7 | 769.1 | 11.2 | NE | 2 | N | | | |
| | Laghounat | 767.9 | 0.0 | 2.7 | NW | 3 | ☁ | | 11 | 2 | 766.1 | 4.8 | W | 3 | ☁ | | | |
| | Argel | 707.5 | +0.9 | 4 | W | 3 | e cub | Mda | 25 | 11 | 765.8 | 8.9 | NW | 3 | Cub ^x | | | |
| | Cap de Garde | 763.2 | | 8.7 | W | 3 | ee | Mda | 9 | 5 | 760.1 | 8.0 | NW | 3 | e | | | |
| | Túnex | | | | | | | | | | | | | | | | | |
| 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 :

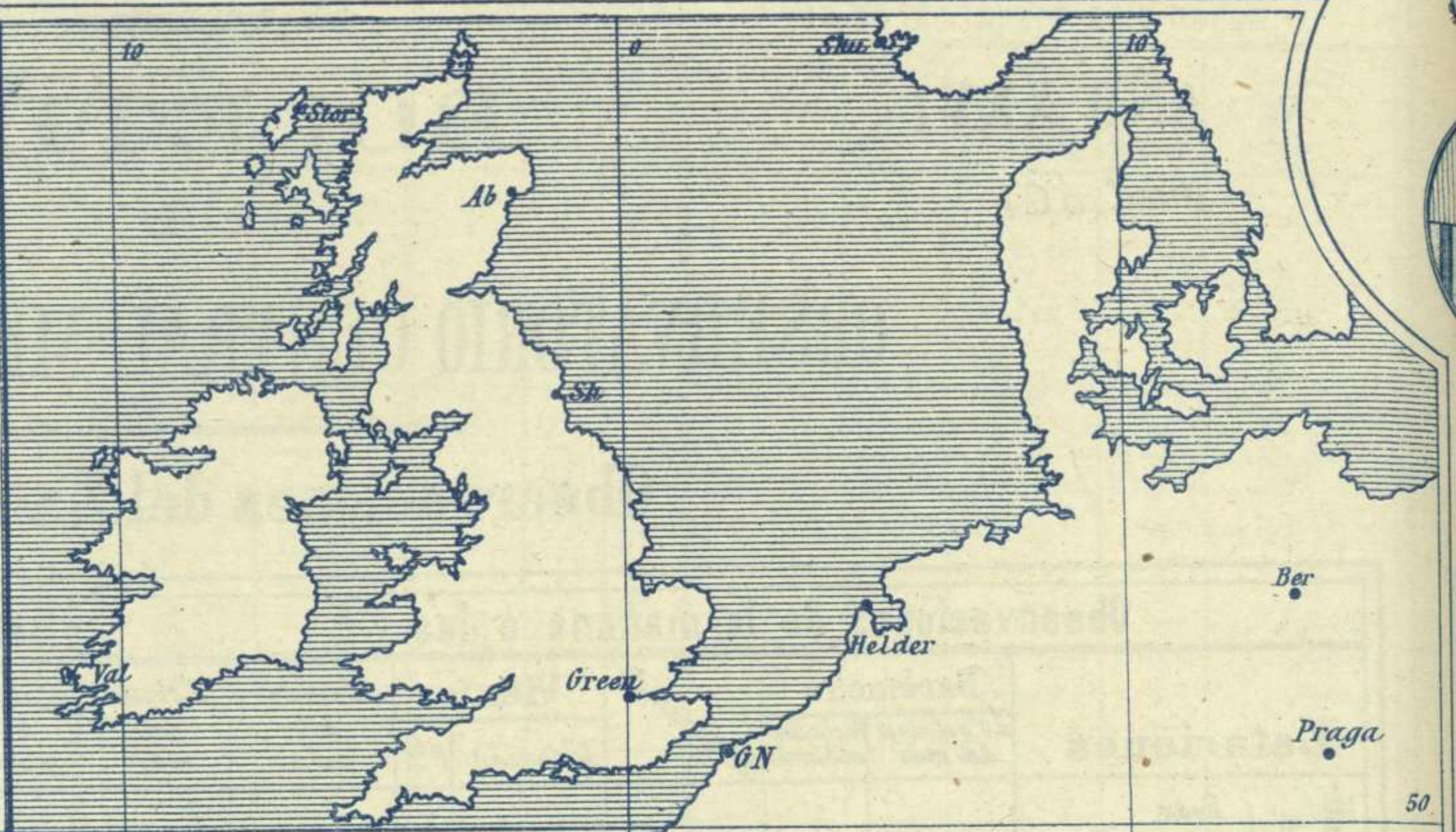
Señor
 Jefe del Observatorio Central Meteorológico
 Parque del Retiro

Apartado n.º 285.

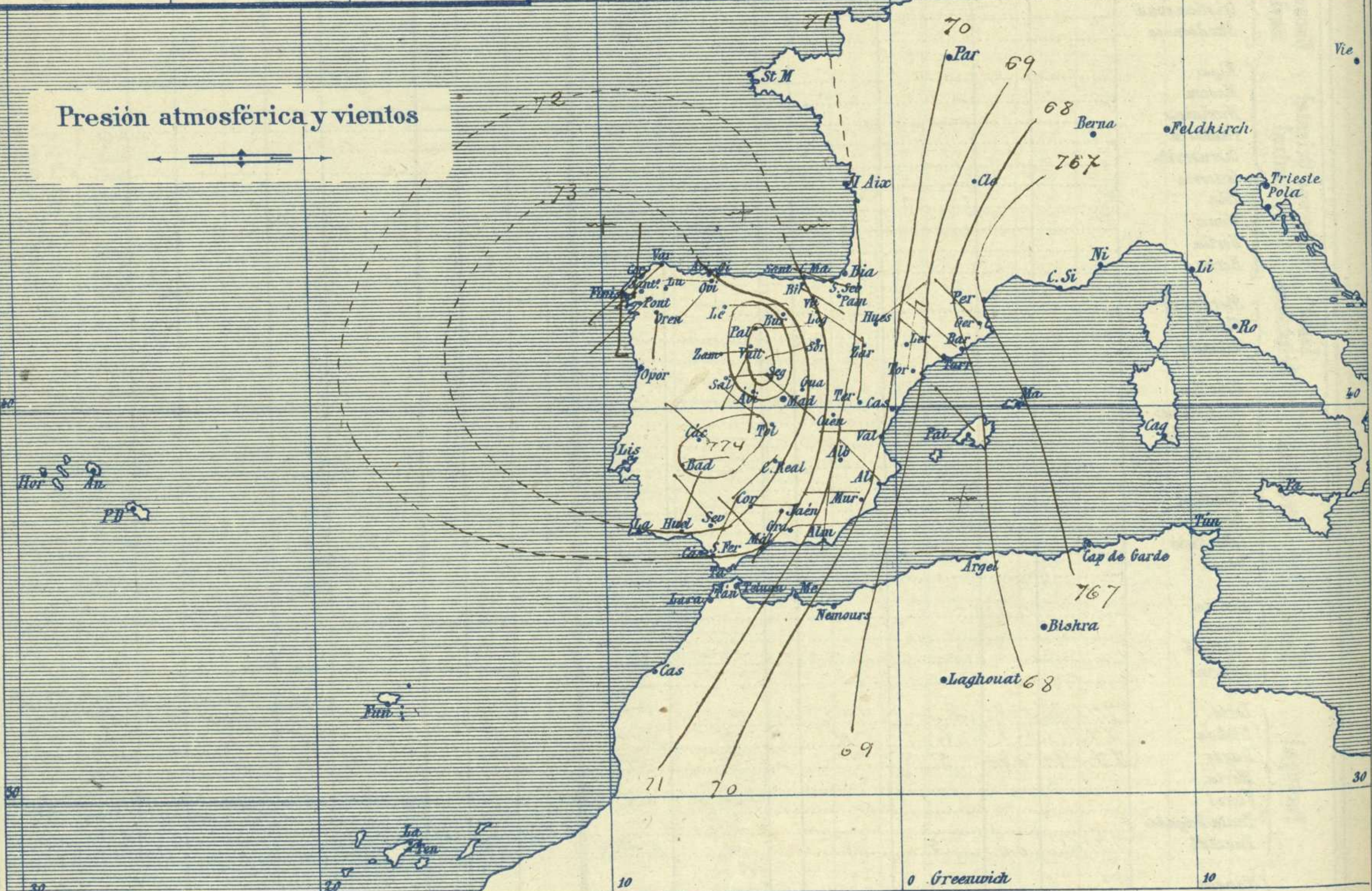
Madrid. (ESPAÑA)

Signos convencionales

| Fuerza del viento | Cielo | Mar |
|---------------------------|-------------|-------------------|
| 0 Calma | ○ Despejado | { Llana |
| 1 Ventolina | ○ 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 | | |



Presión atmosférica y vientos

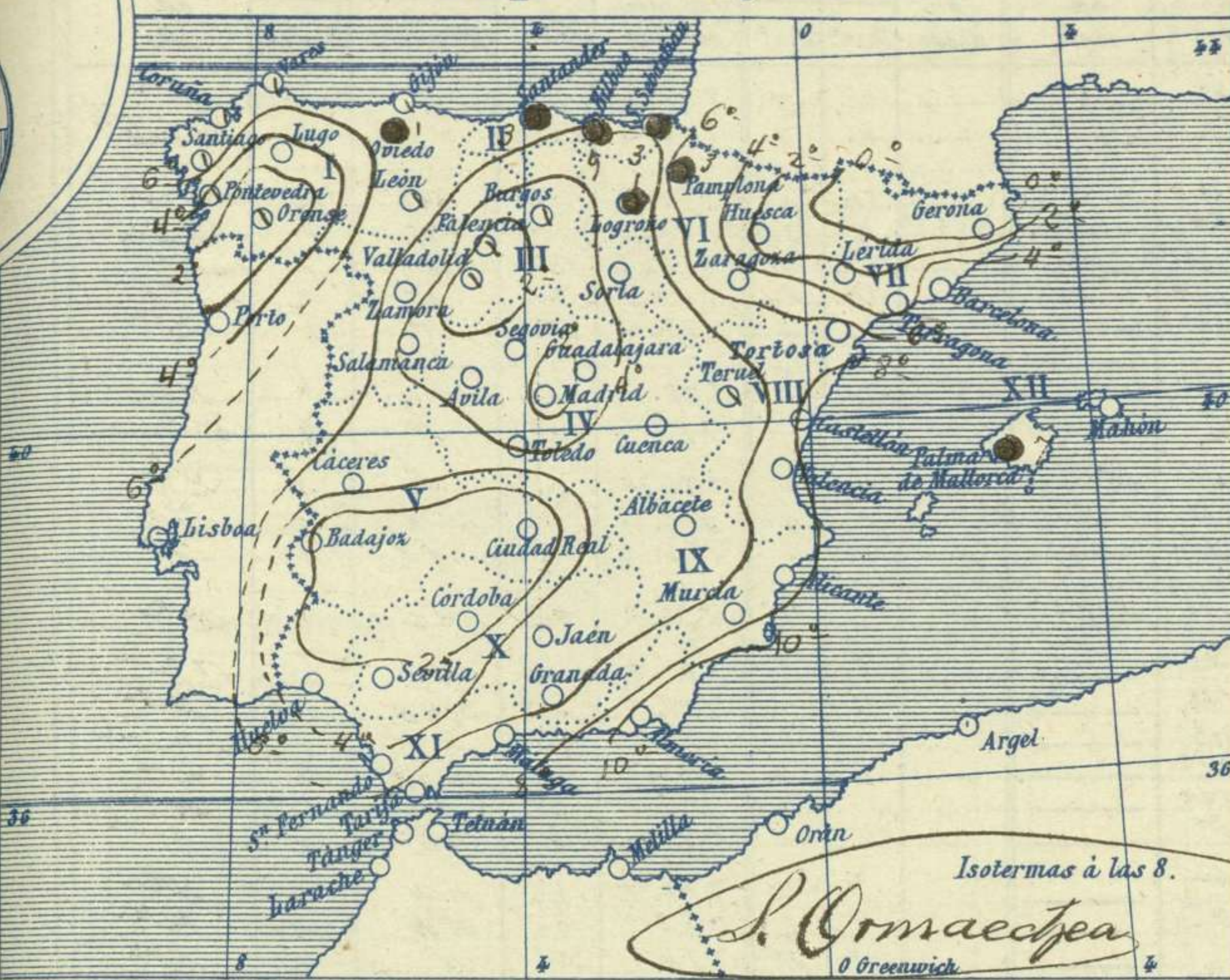


Estado general

Sobre la península Ibérica persiste un área anticiclónica bien caracterizada que presenta un núcleo sobre Castilla la Vieja (775 m/m) y otro en Extremadura y Toledo (774 m/m). Las presiones débiles deben de hallarse hacia Italia. Durante las últimas 24 horas llovió en las provincias Vascongadas y en Santander pero sobre el resto de España el tiempo se mantiene bueno con cielo claro y vientos flojos de dirección variable. La temperatura va en descenso y las heladas son de consideración sobre la Meseta Central. La máxima de ayer fue de 17 grados en Málaga y la mínima de hoy ha sido de 3 grados bajo cero en León, Palencia y Segovia. En el mar Cantábrico hay marejada.

El Director general: Marqués de Teverga Sr. Lopez Pelegrin El Ingeniero Geógrafo Jefe del Observatorio. J. Galbis

Temperaturas y Lluvias



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

Tiempo probable

EN LAS REGIONES

- I } Vientos flojos de dirección variable y nieblas. Algunas lluvias.
- II }
- III }
- IV }
- V } Vientos flojos de dirección variable y buen tiempo, descenso de la temperatura y algunas nieblas.
- VI }
- VII }
- VIII }
- IX }
- X } Vientos moderados de la región del Este y buen tiempo.
- XI }
- XII } Vientos del Norte

Telegrama para las Comandancias de Marina depositado a las 13.h...00m

Vientos persistentes del Norte en las costas del Mediterráneo.

Observaciones de Madrid entre 12^h del día 26 y 12^h del día 27

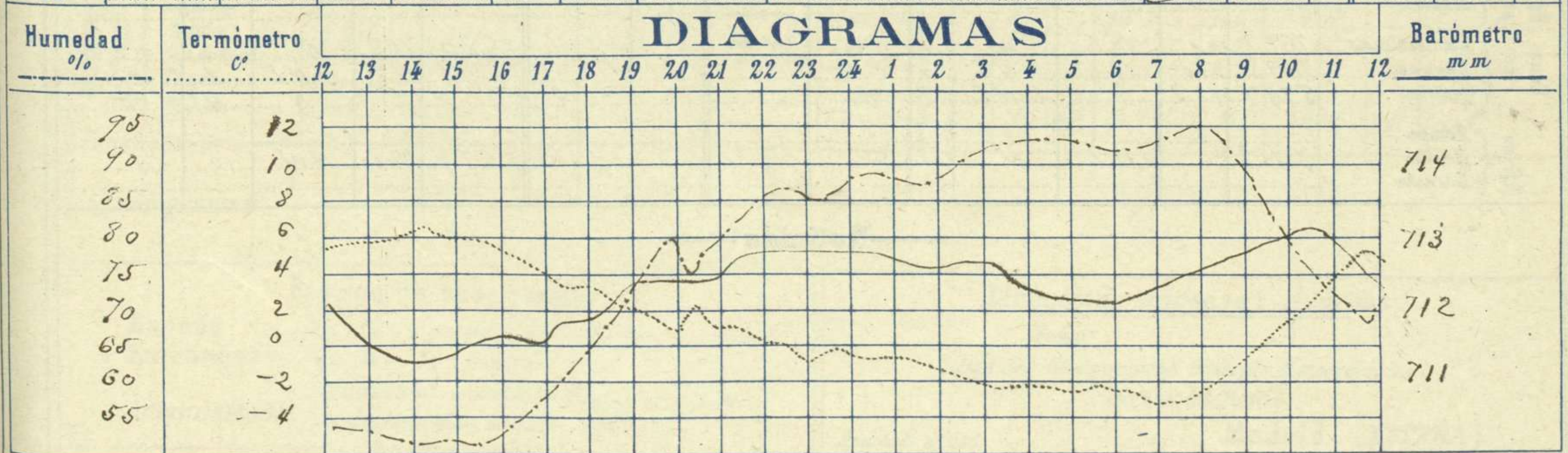
PARQUE DEL RETIRO (Altitud 667 m.)

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 Oá9 | Alturas | Dirección del viento | Fuerza Oá9 |
|------|------------------|------------------|----------------|-----------|---------------------|-------------------|------------------------|---|---------|-------------------------|---------------|---------|-------------------------|---------------|
| | | | | Dirección | F ^{ra} Oá9 | | | | | | | | | |
| 12 | 712.0 | 5.4 | 53 | Cal | 0 | | Nbo | Temp ^a máx ^a a la sombra 6.3 | 50 | E.N.E | 1 | | | |
| 16 | 711.0 | 5.2 | 53 | N | 2 | | Fd | id. mínima id. -3.4 | 100 | E | 2 | | | |
| 20 | 712.4 | 1.2 | 77 | WNW | 1 | | A do | Horas de sol despejado en el día de ayer 4 h. 35 min. | 200 | E | 0 | | | |
| 24 | 712.8 | -0.5 | 87 | W | 1 | | Fd | | 300 | E | 1 | | | |
| 4 | 712.3 | -2.3 | 93 | Cal | 0 | | Fd | | 500 | S.W. | 0 | | | |
| 8 | 712.5 | -2.7 | 95 | Fd | 0 | | C A do | | 800 | N.W. | 1 | | | |
| 12 | 712.3 | 4.6 | 72 | S | 0 | | . | | | | | | | |

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 | y al nivel del mar | Dirección | | Fuerza | | | |
| | | | | | | | | | | | | | | | | | |
| Región del N.W. I. | Ia. Coruña | 7.72.8 | 0.0 | 9 | S.W. | 1 | Cub ^o | | 11 | 7 | 7.72.2 | 1.0 | E | 5 | N ^o | | |
| | Vares | 7.70.5 | -0.2 | 25 | S.W. | 6 | Td | | 11 | 7 | 7.71.4 | 10.4 | N.W. | 2 | Cub ^o | | |
| | Avilés | 7.72.9 | 0.0 | 68 | S.W. | 2 | N ^o | | 10 | 10 | 7.70.4 | 9.6 | S.W. | 2 | Cub ^o | | |
| | Gijón | 7.71.9 | 0.0 | 54 | W | 1 | Cub ^o | | 1 | 9 | 7.72.1 | 6.0 | S.W. | 1 | Soc ^o | | |
| | Oviedo | 7.72.9 | 0.0 | 10.9 | 2 | 4 | Cub ^o | | 1.2 | 7 | 7.72.8 | 13.0 | N | 1 | N ^o | | |
| | Finisterre | 7.72.1 | +0.8 | 4.2 | N | 0 | Cub ^o | | 1.0 | 2 | 7.72.5 | 7.0 | W | 2 | Td | | |
| | Santiago | 7.72.3 | 0.0 | 4.0 | S.W. | 2 | Cub ^o | | 1.2 | 2 | 7.73.0 | 10.8 | N | 1 | N ^o | | |
| | Pontevedra | 7.70.1.0 | 0.0 | 1.0 | E | 1 | Cub ^o | | 1.3 | 1 | 7.72.2 | 10.0 | S.E. | 1 | N ^o | | |
| | Leon | 7.73.8 | 0.0 | 1.5 | E | 2 | Td | | 9 | 5 | 7.72.2 | 4.2 | W | 3 | Soc ^o | | |
| Región Cantábrica II | Santander | 7.71.6 | +0.4 | 7.5 | W | 1 | Cub ^o | | 3 | 11 | 6 | 7.71.4 | 8.0 | W | 1 | Cub ^o | |
| | Punta Galea | 7.70.2 | +0.1 | 6.3 | S.E. | 3 | Td | | 8 | 10 | 5 | 7.69.9 | 7.0 | N.W. | 2 | Td | |
| | Bilbao | 7.72.1 | +0.2 | 6 | S.E. | 2 | Td | | 9 | 16 | 4 | 7.71.0 | 8 | S.E. | 1 | Td | |
| | Cabo Machichaco | 7.72.0 | 0.0 | 5.8 | S.E. | 1 | Cub ^o | | 3 | 7 | 2 | 7.71.9 | 8.2 | S.E. | 1 | N ^o | |
| Región del Duero III | Zamora | 7.73.2 | 0.0 | 20 | E | 2 | Soc ^o | | 7 | -3 | 7.71.9 | 6.9 | N.E. | 2 | 6 | Cub ^o | |
| | Palencia | 7.75.3 | 0.0 | -30 | E | 1 | N ^o | | 6 | -5 | 7.71.7 | 5.0 | N.W. | 0 | 0 | Soc ^o | |
| | Burgos | 7.74.6 | +0.4 | -18 | S.E. | 0 | Cub ^o | | 3 | -3 | 7.71.2 | 4.8 | N.W. | 0 | 0 | Cub ^o | |
| | Soria | 7.72.7 | +0.8 | 0.0 | N.W. | 3 | Cub ^o | | 1 | -3 | 7.71.7 | 0.4 | N.W. | 0 | 0 | Cub ^o | |
| | Valladolid | 7.75.4 | +0.2 | -30 | S.W. | 1 | N ^o | | 6 | -4 | 7.72.1 | 5.8 | N.E. | 2 | 2 | N ^o | |
| Salamanca | 7.72.6 | +0.2 | -24 | E | 1 | Soc ^o | | 5 | -4 | 7.71.0 | 4.5 | E | 1 | 1 | N ^o | | |
| Región Central IV | Ávila | 7.74.6 | 0.0 | -26 | E | 0 | Soc ^o | | 2 | -4 | 7.71.9 | 1.0 | N.W. | 1 | 1 | N ^o | |
| | Segovia | 7.75.4 | +0.7 | -30 | S.O. | 0 | Cub ^o | | 4 | -5 | 7.65.7 | 0.0 | N.W. | 0 | 0 | N ^o | |
| | Madrid | 7.74.3 | +0.4 | -2.7 | Cal. | 0 | Td | | 63 | -3.4 | 7.71.6 | 5.2 | N | 2 | 2 | N ^o | |
| | Toledo | 7.73.8 | +0.2 | 1.0 | N.W. | 1 | N ^o | | 1.0 | -1 | 7.71.4 | 7.0 | N.W. | 1 | 1 | N ^o | |
| | Guadalajara | 7.72.9 | +0.4 | -0.4 | N | 0 | 0 | | 5 | -2 | 7.70.7 | 5.0 | N.W. | 2 | 2 | Cub ^o | |
| Extrem ^a Mancha V | Cáceres | 7.73.8 | 0.0 | 18 | N.W. | 0 | Soc ^o | | 11 | 1 | 7.71.5 | 9.0 | E | 1 | 1 | Soc ^o | |
| | Badajoz | 7.74.2 | +0.4 | -0.4 | E | 0 | Td | | 12 | -1 | 7.71.6 | 11.0 | S.E. | 1 | 1 | Td | |
| | Ciudad Real | 7.72.8 | +1.0 | -2.8 | S.W. | 1 | Td | | 8 | -4 | 7.70.2 | 8.0 | N.E. | 1 | 1 | Td | |
| Alto Ebro VI | Logroño | 7.72.4 | 0.0 | 40 | W | 0 | Cub ^o | | 1 | 6 | 2 | 7.71.2 | 5.0 | W | 0 | 0 | Cub ^o |
| | Pamplona | 7.71.8 | 0.0 | 24 | N.W. | 0 | Cub ^o | | 8 | 5 | 1 | 7.68.0 | 3.4 | N.W. | 2 | 2 | N ^o |
| | Huesca | 7.70.6 | 0.0 | -14 | N.E. | 1 | Soc ^o | | 6.6 | -4.5 | 7.67.9 | 6.0 | N.W. | 3 | 3 | Soc ^o | |
| | Zaragoza | 7.69.5 | +0.5 | 46 | N.W. | 3 | Td | | 8 | 3 | 7.69.1 | 6.4 | N.W. | 4 | 4 | Td | |
| Cataluña VII | Llörida | 7.67.1 | 0.0 | -20 | N.W. | 0 | Soc ^o | | 10 | -3 | 7.64.2 | 7.6 | N.E. | 5 | 5 | Soc ^o | |
| | Gerona | 7.67.1.9 | +0.3 | 9 | N.W. | 3 | Cub ^o | | 14 | 2 | 7.64.7 | 11 | E | 2 | 2 | N ^o | |
| | Barcelona | 7.68.4 | 0.0 | 2.6 | N.W. | 4 | Td | | 13 | 1 | 7.64.2 | 10.5 | N.W. | 3 | 3 | Cub ^o | |
| | Tarragona | 7.69.4 | +0.6 | 7.4 | N.W. | 4 | Td | | 11 | 5 | 7.65.7 | 9.8 | N.W. | 4 | 4 | N ^o | |
| Levante VIII | Teruel | 7.68.4 | 0.0 | 0.3 | N | 0 | Cub ^o | | 6 | -2 | 7.67.5 | 1.5 | N | 1 | 1 | Cub ^o | |
| | Castellón | 7.69.7 | +0.3 | 9.2 | N | 1 | Soc ^o | | 1.3 | 4 | 7.68.4 | 10.2 | N.W. | 2 | 2 | Soc ^o | |
| | Valencia | 7.69.1.4 | 0.0 | 7.0 | W | 1 | Td | | 1.3 | 2 | 7.67.9 | 10.2 | N.W. | 1 | 1 | Cub ^o | |
| Región del SE IX | Albacete | 7.73.2 | +0.8 | -1.0 | W | 1 | Soc ^o | | 6 | -2 | 7.70.1 | 5.2 | N.W. | 2 | 2 | Td | |
| | Alicante | 7.69.4 | -0.8 | 6 | N.W. | 1 | Soc ^o | | 1.3 | 5 | 7.67.2 | 12 | N.W. | 6 | 6 | Td | |
| | Murcia | 7.70.8 | 0.0 | 7.0 | N | 0 | Td | | 1.3 | 4 | 7.68.0 | 12.0 | W | 3 | 3 | Td | |
| Cuenca del Guadalquivir X | Sevilla | 7.72.7 | 0.0 | 28 | N.W. | 3 | Soc ^o | | 14 | 2 | 7.70.5 | 12.6 | N.E. | 4 | 4 | Soc ^o | |
| | Córdoba | 7.72.2 | +0.5 | 0.4 | E | 1 | Td | | 12 | -1 | 7.69.9 | 11.4 | E | 1 | 1 | Td | |
| | Jaén | 7.69.8 | 0.0 | 5.4 | S.W. | 1 | Cub ^o | | 1.3 | 4 | 7.71.0 | 6.8 | N.W. | 1 | 1 | Cub ^o | |
| | Granada | 7.73.7 | 0.0 | 1.0 | E | 2 | Soc ^o | | 9 | -1 | 7.70.1 | 8.4 | N | 2 | 2 | Soc ^o | |
| | Huelva | 7.72.5 | 0.0 | 28 | N | 3 | Soc ^o | | 15 | -2 | 7.70.2 | 15.9 | E | 7 | 7 | Cub ^o | |
| Costa del Sur XI | San Fernando | 7.71.4 | +0.1 | 4 | N.W. | 2 | Td | | 1.3 | 4 | 7.70.5 | 10 | N.W. | 2 | 2 | Soc ^o | |
| | Tarifa | 7.72.3 | 0.0 | 7 | N.W. | 1 | Td | | 1.7 | 5 | 7.71.0 | 16 | N.W. | 4 | 4 | Soc ^o | |
| | Málaga | 7.70.0 | 0.0 | 11.0 | N | 0 | Td | | 1.0 | 9 | 7.71.3 | 14.0 | W | 0 | 0 | Td | |
| | Almería | 7.67.6 | 0.0 | 5 | N.W. | 2 | N ^o | | 7 | 10 | 5 | 7.61.4 | 9 | N | 3 | N ^o | |
| Balears XII | Palma | 7.69.7 | 0.0 | 16.6 | N | 1 | cc | | 1.9 | 16 | 7.68.0 | 16.8 | N | 2 | 2 | cc | |
| | Laguna | 7.69.5 | +1.0 | 16.1 | S.N.E. | 0 | cc | | 3 | 14 | 11 | 7.67.7 | 11.7 | N.N.E. | 1 | 1 | cc |
| | Ixaña | 5.79.7 | +0.3 | 3 | S.N.E. | 5 | Td | | 6 | 2 | 5.80.0 | 5 | N | 4 | 4 | Td | |
| Canarias XIII | Las Palmas | 7.71.8 | 0.0 | 11.8 | N | 0 | 0 | | 1.8 | 4 | 7.67.8 | 15.8 | N.W. | 0 | 0 | Td | |
| | Larache | | | | | | | | | | | | | | | | |

— Noticias —