

DIRECCIÓN GENERAL DEL INSTITUTO GEOGRÁFICO Y ESTADÍSTICO

AÑO XX.

BOLETÍN

1912

Núm. 358-

DEL

23- de Diciembre.

OBSERVATORIO CENTRAL METEOROLÓGICO

Observaciones del Extranjero

| Observaciones de la mañana a 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 o nieve | Temp. extr ^{as} | | Barom ^o a 0° y al nivel del mar | Temperatura | Viento | | Estado del cielo | | |
| | alt. y absm. del mar | Variación en 3 horas | | Dirección | F ^{ta} | | | | Máx. ^a | Min. ^a | | | Dirección | F ^{ta} | | | |
| Escandinavia | Bodo | 744.0 | 0.0 | -1.0 | E | 1 | cl. cub. | ll ^{ta} | -1 | -3 | 745.5 | -1.2 | E | 2 | cl. cub. | | |
| | Cristiansund | 746.1 | +0.9 | 8.3 | W S W | 8 | lluvia | m. da | 4 | 7 | 744.2 | 6.5 | S W | 2 | cl. cub. | | |
| | Skudesnoes | 755.4 | +0.3 | 4.8 | cal | 0 | cl. cub. | m. da | | 7 | 753.1 | 6.4 | W S W | 2 | cl. cub. | | |
| Rusia y Austria | Riga | 757.7 | 0.0 | 4.6 | W S W | 1 | cl. cub. | | | | 757.9 | 4.2 | W S W | 2 | cl. cub. | | |
| | Moscou | 757.9 | 0.0 | 1.6 | S W W | 2 | cl. cub. | | 1 | | 759.9 | 2.1 | S | 2 | cl. cub. | | |
| | Nicolaiew | 771.5 | | 2.5 | S | 0 | niebla | | | | 771.9 | 3.1 | S | 1 | cl. cub. | | |
| | Feldkirch | 765.8 | -0.3 | -1.3 | cal | 0 | niebla | | -1 | -2 | 766.0 | -1.7 | cal | 0 | niebla | | |
| | Czernovitz | 769.0 | 0.0 | -2.6 | cal | 0 | do | | 3 | -4 | 769.3 | -2.4 | cal | 0 | do | | |
| | Cracovia | ? | -0.1 | -0.7 | W S W | 1 | niebla | | 3 | -2 | 767.0 | -2.3 | W S W | 1 | do | | |
| | Pola | 767.2 | -0.8 | 8.2 | W S W | 1 | cl. cub. | | 2 | 12 | 769.0 | 10.2 | S S E | 1 | cl. cub. | | |
| | Viena | 768.2 | -0.1 | 0.1 | E | 1 | niebla | | 1 | 0 | 768.5 | -0.2 | S S E | 1 | niebla | | |
| Islas Británicas | Stornoway | 749.0 | -1.7 | 7.2 | S | 5 | cl. cub. | m. da | 0.5 | 7.2 | 753.1 | 3.9 | W | 2 | cl. cub. | | |
| | Shields | 755.4 | -0.5 | 2.8 | S S W | 1 | cl. cub. | Risa | | 9.4 | 756.2 | 5.6 | S S W | 2 | cl. cub. | | |
| | Valentia | 752.6 | +0.2 | 8.3 | S S W | 3 | cl. cub. | m. da | 5.0 | 10.6 | 754.9 | 8.9 | S S E | 3 | cl. cub. | | |
| Francia | Gris Nez | 760.5 | -0.3 | 7.8 | S S W | 5 | cl. cub. | m. da | | 7 | 760.4 | 6.4 | S S E | 4 | Brama. | | |
| | St. Mathieu | 761.0 | -0.4 | 10.0 | S S E | 3 | cl. d. | Risa | | 11 | 761.0 | 9.4 | S | 2 | cl. d. | | |
| | Isla de Aix | 763.1 | | 6.0 | S S E | 3 | do | Risa | | 11 | 761.5 | 8.2 | S E | 3 | do | | |
| | Biarritz | 763.2 | | 10.4 | S S W | 4 | cl. d. | m. da | | 15 | 760.7 | 12.6 | E | 2 | niebla | | |
| | Paris | 763.2 | +0.2 | 0.6 | S S W | 2 | niebla | | | 9.1 | -0.9 | 762.9 | 4.0 | S | 1 | do | |
| | Clermont | 765.4 | 0.0 | 3.4 | cal | 0 | niebla | | Shalle | 14.0 | 2.0 | 763.4 | ? | S | 1 | do | |
| | Perpiñan | 763.1 | +0.4 | 10.4 | W S | 2 | lluvia | | 9 | 13.1 | 8.6 | 762.0 | 10.4 | S W | 1 | cl. cub. | |
| | Cabo Sicié | 761.5 | | 8.4 | E | 5 | niebla | m. gsa | 6 | 11 | 761.5 | 9.6 | E | 5 | cl. cub. | | |
| | Niza | 764.4 | -0.8 | 7.2 | cal | 0 | lluvia | m. da | 11 | 12 | 765.6 | 10.5 | cal | 0 | lluvia. | | |
| Italia | Liorna | | | | | | | | | | | | | | | | |
| | Roma | | | | | | | | | | | | | | | | |
| | Cagliari | | | | | | | | | | | | | | | | |
| | Palermo | | | | | | | | | | | | | | | | |
| | Porto | 768.0 | +1.5 | 4.1 | S S E | 4 | niebla | m. gsa | 15 | 2 | 763.5 | 7.3 | S S E | 4 | do | | |
| Portugal | Lisboa | 766.0 | +1.6 | 7.5 | cal | 0 | cl. cub. | m. gsa | 14 | 8 | 761.9 | 10.9 | W S W | 3 | do | | |
| | Lagos | 766.5 | +1.4 | 3.0 | cal | 0 | cal | Risa | 16 | 9 | 762.4 | 12.0 | cal | 0 | do | | |
| | Horta | 763.9 | -0.5 | 17.1 | S S W | 3 | cl. cub. | ll ^{ta} | 5 | 18 | 765.3 | 16.5 | cal | 0 | cl. cub. | | |
| | Angra | 764.3 | -0.1 | 16.5 | SW | 5 | niebla | m. da | 7 | 18 | 765.0 | 14.7 | N W | 3 | niebla | | |
| | Punta Delgada | 766.1 | +0.3 | 16.3 | SW | 3 | niebla | m. da | 16 | 13 | 765.7 | 16.2 | W | 3 | Brama | | |
| | Funchal | 764.4 | +0.1 | 15.6 | | | cl. cub. | | 19 | 10 | 760.6 | 16.7 | ? | ? | niebla | | |
| Marruecos y Argelia | Tanger | 765.0 | | 11.0 | S S W | 2 | cl. cub. | Risa | Shalle | 16 | 7 | 760.2 | 15.8 | S S W | 3 | cl. cub. | |
| | Casablanca | | | | | | | | | | | | | | | | |
| | Orán | 763.5 | | 10.2 | S S W | 1 | do | | | | | | | | | | |
| | Argel | 763.7 | | 13.7 | S W | 2 | niebla | | | | | | | | | | |
| | Tinex | | | | | | | | | | | | | | | | |
| Sfaks | | | | | | | | | | | | | | | | | |
| Berlin | 763.4 | | 2.3 | S | 2 | cl. cub. | | | | ? | ? | ? | ? | ? | | | |
| Berna | 767.0 | | -2.0 | W S W | 0 | cl. cub. | | | | 767.7 | -1.5 | S E | 0 | cl. cub. | | | |

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

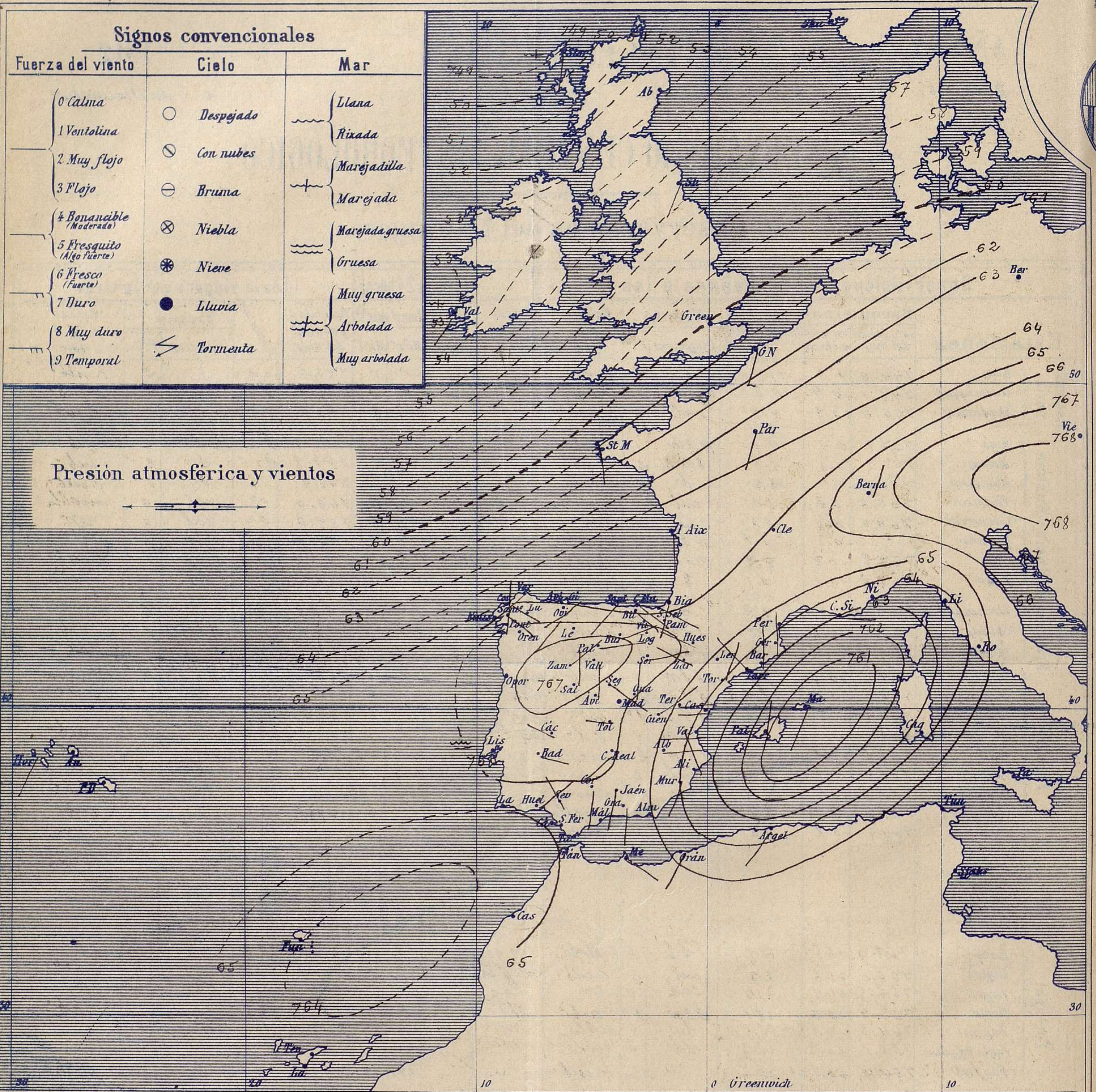
Dirección : Adresse : Address :

Señor

Jefe del Observatorio Central Meteorológico
Parque del Retiro

Apartado n.º 285.

Madrid. (ESPAÑA)

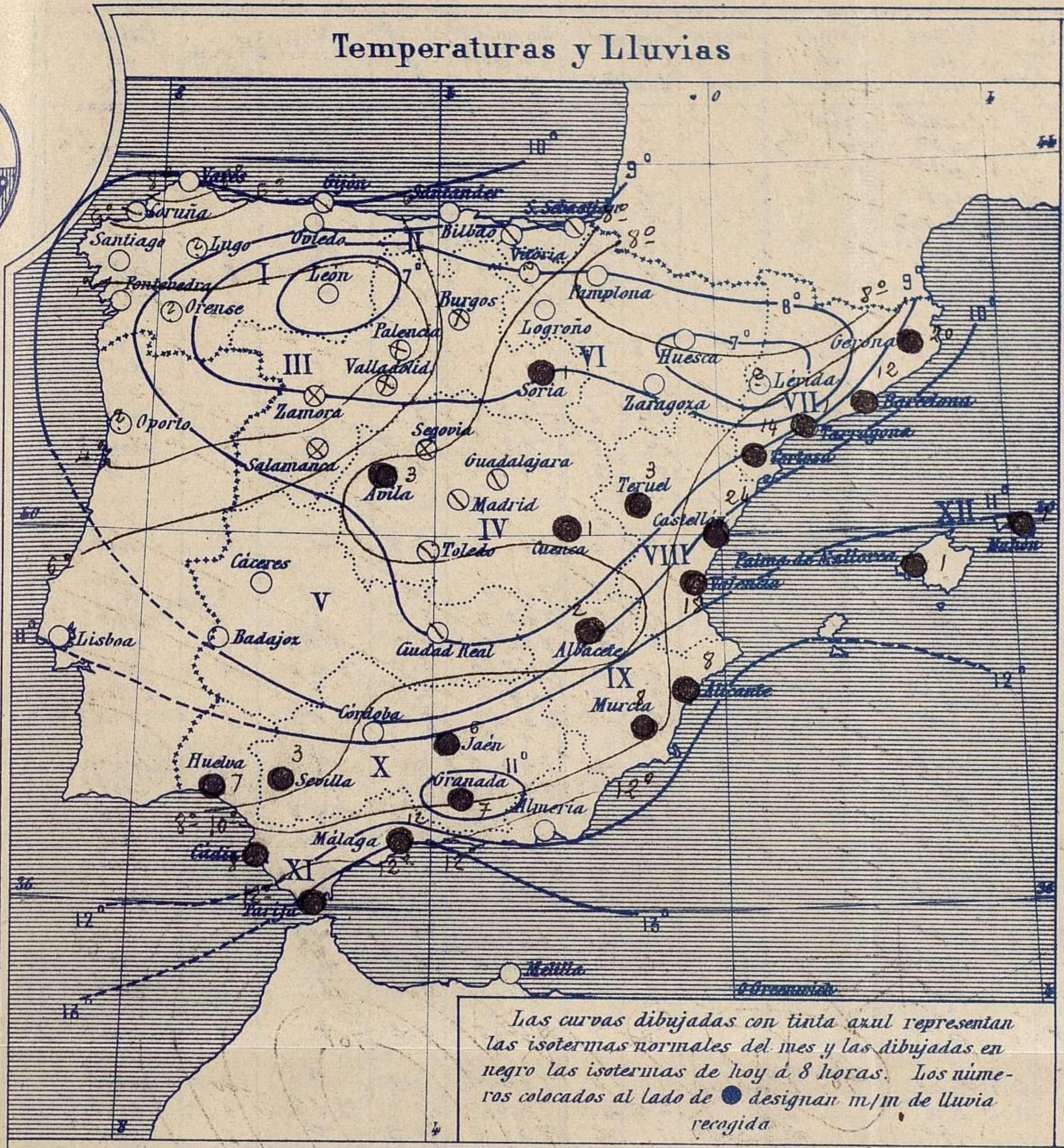


Estado general

Las presiones más bajas aparecen situadas en la península Escandinava, acompañadas de mal tiempo. La depresión barométrica de las proximidades de España presenta hoy su principal centro de perturbación, en el Mediterráneo y a su desarrollo se deben las lluvias que hoy se observan por la región Andaluza y Levantina; en el Centro, Norte y Noroeste de España el tiempo es generalmente bueno, aunque el cielo no se vea limpio de nubes; los vientos soplan con muy poca fuerza de dirección variable y la temperatura es relativamente suave; la máxima de ayer fue de 18 grados en Bilbao y San Sebastian y la mínima de hoy ha sido de 3 grados bajo cero en Zamora.

El Director general: Galarza

El Ingeniero Geógrafo Jefe del Observatorio. J. Galbis



Tiempo probable

EN LAS REGIONES

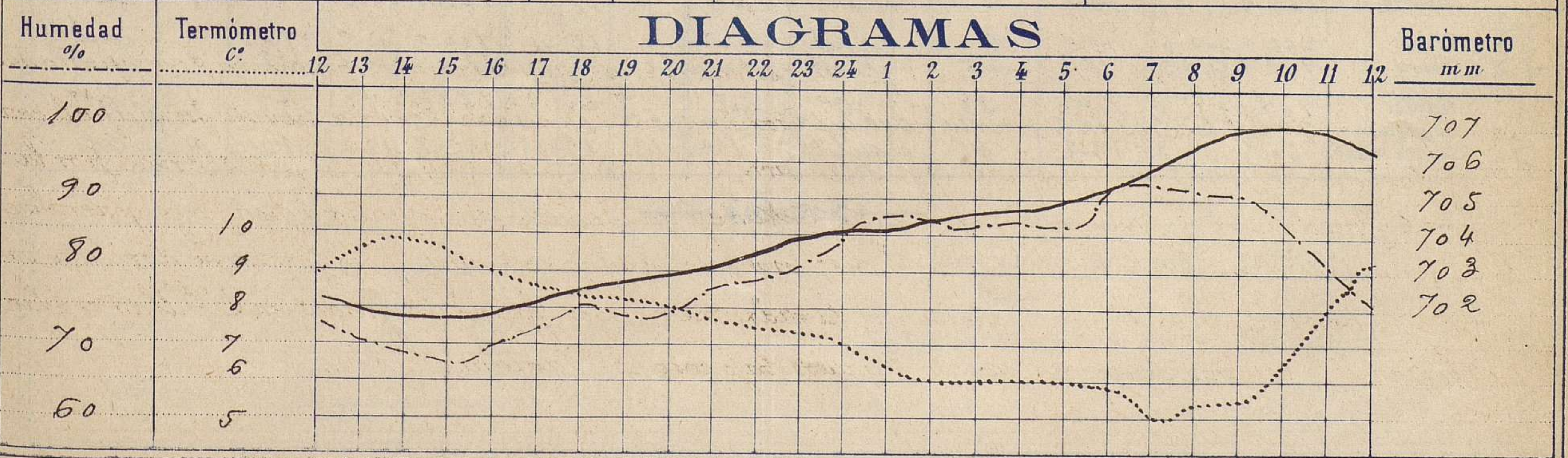
- I } Vientos moderados de la región del Sur y tiempo incierto. Marejada
- II }
- III }
- IV } Vientos flojos de dirección variable y buen tiempo de cielo algo nublado o nebuloso.
- V }
- VI }
- VII }
- VIII } Vientos flojos o moderados de la región del Oeste y tendencia al buen tiempo.
- IX }
- X } Vientos flojos o moderados de la región del Norte y tendencia a mejorar
- XI }
- XII } Vientos moderados de la región del Norte y tiempo lluvioso.

Observaciones de Madrid entre 12^h del día 22 y 12^h del día 23

PARQUE DEL RETIRO (Altitud 667 m.)

| Hora | Barómetro m m | Termómetro C. | Humedad % | Viento | Fuerza 0 a 9 | Lluvia o Nieve m m | Estado del Cielo | Notas |
|------|------------------|------------------|--------------|--------|-----------------|--------------------------|------------------|---|
| 16 | 702.01 | 9.0 | 71 | NNE | 0 | " | Cubierto | Temp ^a max ^a a la sombra 9° 8 |
| 20 | 703.01 | 8.1 | 75 | NNE | 1 | " | Id | Id minima a la id 4° 9 |
| 24 | 704.15 | 7.0 | 85 | NNE | 2 | " | Id | |
| 4 | 704.65 | 6.0 | 87 | NNE | 1 | " | Id | |
| 8 | 706.42 | 5.4 | 91 | Cal | 0 | " | Id | |
| 12 | 706.38 | 23 | 76 | Id | 0 | " | Niebla | |

DIAGRAMAS



Observaciones de España

| Estaciones | | Observaciones de la mañana á 8 horas | | | | | | Id. en las 24 horas | | | Id. de la vispera 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 | |
| | | al 0° y al nivel del mar | Variación en 3 horas | | Dirección | F ^{va} | | | | Max. ^a | Min. ^a | | | Dirección | Fuerza | | |
| Región del N.W. I | Lia Coruña | 764.5 | | 6.0 | SE | 2 | c. cub. | Riz ^a | | 14 | 3 | 760.7 | 11.4 | SE | 2 | So | |
| | Vares | 764.3 | +0.3 | 9.3 | SW | 3 | So | m. lla | | 15 | 8 | 760.6 | 10.0 | cal | 0 | nub. | |
| | Avilés | 765.6 | | | SE | 1 | So | m. da | | | | 763.3 | | SW | 1 | So | |
| | Gijón | 765.0 | +0.9 | 4.3 | W SW | 2 | nub. | ll ^a | | 12 | 4 | 760.7 | 11.4 | W | 1 | So | |
| | Oviedo | 765.5 | | 3.2 | SW | 1 | Brunna | | | 15 | 1 | 760.6 | 9.2 | SE | 1 | c. d. | |
| | Finisterre | 765.6 | +0.6 | 8.9 | cal | 0 | c. d. | m. lla | | 16 | 12 | 760.9 | 11.4 | cal | 0 | So | |
| | Santiago | 766.3 | +0.2 | 3.0 | SE | 0 | So | | | 14 | 2 | 760.9 | 10.0 | ? | 0 | So | |
| | Pontevedra | 765.7 | +1.0 | 3.4 | W | 2 | So | | | 17 | 3 | 760.9 | 13.4 | W | 1 | So | |
| | Lugo | | | | | | | | | | | | | | | | |
| | Orense | 767.1 | | 2.1 | NE | 0 | nubla | | | 18 | 1 | 760.0 | 14.7 | E | 1 | So | |
| León | 768.1 | | -1.2 | E | 0 | So | | | 8 | -4 | 761.7 | 7.0 | E | 0 | So | | |
| Región Cantábrica II | Santander | 763.9 | +1.4 | 6.8 | SW | 1 | So | ll ^a | | 16 | 6 | 759.9 | 13.1 | S | 1 | So | |
| | Punta Galea | 764.4 | +0.6 | 6.8 | SE | 4 | nub. | m. lla | | 14 | 6 | 753.8 | 14.2 | SE | 4 | nub. | |
| | Bilbao | 765.1 | +1.4 | 6.2 | SE | 2 | nub. | | | 18 | 5 | 760.4 | 15.0 | S | 1 | c. d. | |
| | Cabo Machichaco | | | | | | | | | | | | | | | | |
| | San Sebastián | 765.8 | +2.0 | 10.0 | SE | 1 | c. cub. | m. lla | | 18 | 5 | 761.9 | 13.9 | S | 2 | c. cub. | |
| Región Duero III | Zamora | 766.2 | +1.0 | -1.1 | W | 0 | nubla | | | 8 | -3 | 761.6 | 6.1 | W | 0 | So | |
| | Palencia | 767.8 | +1.0 | -1.0 | ? | 0 | id. | | | 8 | 2 | 760.8 | 8.0 | ? | 0 | c. cub. | |
| | Burgos | 766.7 | +0.8 | 2.3 | SE | 0 | id. | | | 6 | 2 | 760.0 | 6.0 | W | 1 | nub. | |
| | Soria | 765.9 | | 4.0 | ? | 0 | nub. | | | 6 | 3 | 762.0 | 5.0 | SE | 0 | nub. | |
| | Valladolid | 767.5 | +1.5 | 1.0 | cal | 0 | nubla | | | 9 | 0 | 760.7 | 8.0 | ? | 1 | c. cub. | |
| | Salamanca | 766.8 | +1.2 | 0.4 | W | 1 | id. | | | 8 | -2 | 761.6 | 5.0 | W | 1 | c. d. | |
| Región Central IV | Avila | 766.2 | | 2.5 | W | 0 | nub. | | | 3 | 2 | 760.5 | 5.5 | W | 0 | lluvia | |
| | Segovia | 766.4 | +1.8 | 2.0 | SE | 0 | nubla | | | 8 | 0 | 776.0 | 7.0 | W | 0 | nub. | |
| | Madrid | 765.7 | +1.5 | 5.4 | cal | 0 | nub. | | | 9.8 | 4.9 | 760.5 | 9.0 | W | 0 | nub. | |
| | Toledo | 765.9 | +1.4 | 5.2 | W | 1 | nub. | | | 10 | 5 | 760.0 | 9.8 | W | 0 | nub. | |
| | Guadalajara | 764.9 | +1.2 | 5.6 | W | 0 | nub. | | | 10 | 5 | 759.6 | 9.4 | W | 0 | nub. | |
| | Cuenca | 765.1 | +1.4 | 5.1 | W | 0 | nub. | | | 1 | 9 | 759.3 | 8.5 | ? | 0 | nub. | |
| | | | | | | | | | | | | | | | | | |
| Extremadura V | Caceres | 766.2 | | 4.4 | W | 1 | So | | | 13 | 3 | 760.0 | ? | W | 4 | c. d. | |
| | Badajoz | 766.0 | +1.2 | 0.0 | SE | 1 | nubla | | | 15 | 0 | 761.2 | 12.8 | S | 0 | So | |
| | Ciudad Real | 766.3 | +1.4 | 2.8 | SW | 3 | nub. | | | 9 | 0 | 761.1 | 8.0 | S | 1 | nub. | |
| | | | | | | | | | | | | | | | | | |
| Alto Ebro VI | Logroño | 764.7 | | 6.2 | W | 1 | So | | | 10 | 5 | 761.5 | 9.2 | ? | 0 | nub. | |
| | Vitoria | | | | | | | | | | | | | | | | |
| | Pamplona | 766.2 | +1.4 | -0.6 | ? | 0 | W | lluvia | lluvia | 11 | 0 | 760.2 | 10.4 | S | 1 | nub. | |
| | Huesca | 763.8 | +0.3 | 4.4 | W | 0 | c. d. | | | 12.5 | 4.0 | 763.0 | 10.0 | SE | 0 | nub. | |
| | Zaragoza | 764.1 | 0.0 | 7.9 | W | 1 | So | | | 11 | 2 | 761.8 | 10.5 | W | 0 | nub. | |
| Cataluña VII | Lerida | | | | | | | | | | | | | | | | |
| | Gerona | 766.6 | +1.0 | 10.6 | W | 2 | lluvia | | | 20 | 14 | 763.8 | 11.6 | W | 0 | c. cub. | |
| | Barcelona | 763.2 | +0.5 | 12.0 | W | 0 | lluvia | m. lla | | 12 | 14 | 761.4 | 13.8 | SE | 2 | nub. | |
| | Tarragona | 763.6 | | 11.8 | W | 1 | nub. | m. lla | | 1 | 14 | 761.2 | 13.2 | SE | 2 | nub. | |
| | Tortosa | 763.2 | +1.3 | 10.3 | W | 2 | c. d. | | | 14 | 14 | 760.5 | 11.6 | W | 1 | lluvia | |
| Levan-tes VIII | Teruel | 764.8 | | 4.7 | ? | 0 | nubla | | | 3 | 5 | 763.7 | 4.8 | ? | 0 | id. | |
| | Castellón | 763.0 | +0.8 | 10.5 | W | 1 | nub. | | | 24 | 14 | 760.7 | 12.3 | W | 0 | id. | |
| | Valencia | 763.7 | +2.2 | 10.6 | W | 0 | nub. | | | 18 | 14 | 759.2 | 13.0 | W | 0 | id. | |
| | | | | | | | | | | | | | | | | | |
| Región Ciudadlg ^a del S.E. IX | Albacete | 765.4 | +1.8 | 3.2 | ? | 1 | nub. | | | 2 | 8 | 759.8 | 8.3 | ? | 1 | id. | |
| | Alicante | 763.0 | +1.4 | 11.0 | W | 0 | nub. | ll ^a | | 8 | 15 | 758.0 | 13.8 | W | 2 | id. | |
| | Murcia | 764.2 | +1.8 | 9.0 | SW | 1 | So | | | 8 | 11 | 758.3 | 11.0 | SW | 1 | nub. | |
| Cuenca del Sur X | Sevilla | 765.2 | | 5.6 | W | 1 | nubla | | | 3 | 12 | 760.1 | 12.2 | W | 2 | c. cub. | |
| | Córdoba | 765.3 | +1.5 | 8.8 | S | 1 | c. cub. | | | 12 | 6 | 760.5 | 10.2 | S | 1 | nub. | |
| | Jain | 766.3 | | 7.8 | SW | 0 | nub. | | | 6 | 10 | 760.9 | 8.2 | S | 1 | nub. | |
| | Granada | 765.9 | +0.8 | 5.8 | S | 1 | nub. | | | 7 | 7 | 761.3 | 6.6 | W | 1 | lluvia | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Costa del Sur XI | Huelva | 766.4 | | 4.6 | W | 4 | nubla | | | 7 | 16 | 759.2 | 13.5 | ? | 0 | id. | |
| | Algeciras | | | | | | | | | | | | | | | | |
| | San Fernando | 765.0 | +1.4 | 10.4 | S | 1 | nub. | m. da | | 8 | 15 | 760.9 | 14.0 | SW | 1 | nub. | |
| | Tarifa | 764.2 | +2.0 | 13.4 | W | 1 | lluvia | m. da | lluvia | 15 | 13 | 759.0 | 15.0 | SW | 2 | nub. | |
| | Málaga | 765.0 | +0.2 | 10.6 | W | 0 | c. d. | ll ^a | | 12 | 14 | 761.5 | 13.2 | W | 3 | nub. | |
| Baleares XII | Almería | 764.4 | | 12.2 | ? | 1 | So | ll ^a | | 14 | 10 | 757.7 | 14.2 | ? | 1 | nub. | |
| | Palana | 761.0 | -0.6 | 12.4 | W | 1 | c. cub. | Riz ^a | | 1 | 16 | 760.0 | 15.2 | W | 2 | nub. | |
| | Mahón | 760.9 | +0.5 | 13.6 | SW | 1 | c. cub. | | | 1 | 15 | 760.5 | 14.8 | SE | 3 | nub. | |
| Melilla | 767.0 | | 14.5 | SE | 1 | So | cal | | 2 | 23 | 766.0 | 17.0 | ? | 1 | So | | |
| Laguna | 764.4 | +1.8 | 12.5 | W | 6 | c. cub. | | | 15 | 14 | 757.5 | 12.5 | W | 8 | lluvia | | |
| Sta Cruz de Ten ^o | 760.5 | | 19.2 | W | 0 | nub. | ll ^a | | 13 | 19 | 752.5 | 18.2 | W | 4 | cal | | |

— Noticias —

Escandi-

Islas

Marruecos