

# INSTITUTO GEOGRÁFICO Y CATASTRAL

## BOLETÍN DEL SERVICIO METEOROLÓGICO

AÑO XL

Nim.º 16

OBSERVACIONES DEL EXTRANJERO

1932  
16 de enero

| ESTACIONES  | PRESIÓN MILIBARE/S |           | VIENTO |         | TEMPERATURA | TIEMPO          | PRESIÓN MILIBARE/S |         | VIENTO           |         | ESTACIONES | PRESIÓN MILIBARE/S |           | VIENTO |         | TEMPERATURA | TIEMPO          | PRESIÓN MILIBARE/S |         | VIENTO           |         |       |  |
|-------------|--------------------|-----------|--------|---------|-------------|-----------------|--------------------|---------|------------------|---------|------------|--------------------|-----------|--------|---------|-------------|-----------------|--------------------|---------|------------------|---------|-------|--|
|             | á O. N. M. G. N.   | VARIACIÓN | C      | D. y F. | C.          | PRESENTE PASADO | á O. N. M. G. N.   | D. y F. | á O. N. M. G. N. | D. y F. |            | á O. N. M. G. N.   | VARIACIÓN | C      | D. y F. | C.          | PRESENTE PASADO | á O. N. M. G. N.   | D. y F. | á O. N. M. G. N. | D. y F. |       |  |
| ISLANDIA    |                    |           |        |         |             |                 |                    |         |                  |         | De Bild    |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Seydisfjord |                    |           |        |         |             |                 | 67,9               |         | Cal-0            |         | Le Helder  | 26,4               | -0,4      | 8      | SSW-6   | 8           | N               | N                  | 27,4    |                  | SSW-2   |       |  |
| Reykjavik   | 62,8               | 1,5       | 1      | Cal-0   |             | N               | 62,8               |         | SSW-3            |         | Flesinga   | 26,9               | -1,0      | 6      | SSW-3   | 9           | N               | N                  | 24,7    |                  | SSW-4   |       |  |
| Vestmanna   | 72,0               | 0,5       | 1      | SSW-6   | 3           | N               | 65,8               |         | SSW-2            |         | Bruselas   | 29,9               | -0,2      | 8      | SSW-3   | 9           | 11              | 11                 | 27,5    |                  | SSW-3   |       |  |
| Thorshavn   |                    |           |        |         |             |                 | 87,5               |         | SSW-5            |         | Zurich     |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Stensele    | 69,1               | 1,2       | 3      | SSW-1   | -4          | N               | 68,5               |         | Cal-0            |         | Berna      |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Ostersund   | 12,6               | 2,0       | 3      | S-1     | -3          | D               | 67,9               |         | SSW-3            |         | Ginebra    |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Hernosand   | 12,2               | 2,6       | 3      | Cal-0   | -1          | D               | 13,2               |         | S-0              |         | Lugano     |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Sarna       | 15,5               | 0,6       | 3      | Cal-0   | -8          | N               | 67,4               |         | S-5              |         | Calais     | 25,7               | -0,4      | 5      | SSW-8   | 9           | 11              | 11                 | 27,4    |                  | SSW-5   |       |  |
| Karlstad    | 19,4               | 0,8       | 3      | S-2     | 3           | N               | 11,9               |         | S-5              |         | Abbeville  |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Estocolmo   | 20,3               | 3,0       | 3      | W-4     | 4           | N               | 18,1               |         | S-6              |         | El Havre   |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Jonkoping   | 23,0               | 0,6       | 3      | S-3     | 4           | N               | 17,1               |         | SSW-3            |         | Maguncia   | 32,2               | 0,0       | 3      | SW-2    | 6           | N               | N                  | 28,6    |                  | SSW-2   |       |  |
| Wisby       | 23,8               | 1,8       | 3      | SW-4    | 3           | N               | 21,6               |         | SSW-4            |         | Brest      | 24,2               | -0,6      | 8      | S-7     | 11          | 11              | 11                 | 25,1    |                  | SSW-5   |       |  |
| Kalmar      | 26,6               | 1,8       | 2      | SW-3    | 2           | N               | D                  |         |                  |         | Lorient    | 29,0               | 0,0       | 6      | S-4     | 11          | N               | N                  | 29,0    |                  | SSW-6   |       |  |
| Bronno      |                    |           |        |         |             |                 |                    |         |                  |         | Rennes     |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Vallersund  |                    |           |        |         |             |                 |                    |         |                  |         | Argentan   | 29,0               | -0,2      | 6      | WSW-2   | 9           | N               | N                  | 28,6    |                  | SSW-3   |       |  |
| Kinn        | 01,7               | -3,6      | 7      | SSW-6   | 6           | N               | N                  | 00,6    |                  | S-6     |            | Paris              |           |        |         |             |                 |                    |         |                  |         |       |  |
| Dombaas     |                    |           |        |         |             |                 |                    |         |                  |         | Nancy      |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Utsira      | 04,7               | -4,8      | 8      | SSW-7   | 6           | LL              | LL                 | 07,8    |                  | S-6     |            | Estrasburgo        | 35,5      | 0,0    | 0       | Cal-0       | 0               | NB                 | NB      | 32,9             |         | SSW-1 |  |
| Faerder     | 16,4               | -0,6      | 9      | S-2     | 5           | LL              | D                  | 10,0    |                  | WSW-4   |            | Tours              |           |        |         |             |                 |                    |         |                  |         |       |  |
| Lister      | 18,6               | -1,4      | 9      | S-5     | 4           | LL              | N                  | 11,7    |                  | WSW-5   |            | Dijon              |           |        |         |             |                 |                    |         |                  |         |       |  |
| Skagen      | 15,1               | -2,6      | 8      | SSW-6   | 6           | N               | A                  | 13,8    |                  | SW-4    |            | Rochefort          |           |        |         |             |                 |                    |         |                  |         |       |  |
| Hanstholm   | 19,9               | 1,8       | 8      | S-5     | 6           | N               | N                  | 13,5    |                  | WSW-5   |            | Clermont           | 35,1      | 0,0    | 8       | Cal-0       | 1               | D                  | D       | 33,0             |         | SSW-1 |  |
| Blaavands   | 26,8               | 0,6       | 1      | SW-4    | 3           | NB              | NB                 | 17,6    |                  | SW-3    |            | Lyon               | 35,8      | 0,2    | 7       | Cal-0       | -3              | N                  | N       | 34,2             |         | SSW-2 |  |
| Copenhague  | 29,1               | 0,6       | 1      | SW-4    | 3           | NB              | NB                 | 21,0    |                  | SW-3    |            | Burdeos            | 30,9      | -0,6   | 6       | Cal-0       | 0               | NB                 | NB      | 33,9             |         | SSW-3 |  |
| Hammershus  | 23,4               | -2,0      | 7      | WNW-3   | 7           | D               | A                  | 22,3    |                  | SW-5    |            | Bayona             | 32,0      | 0,0    | 0       | Cal-0       | 0               | NB                 | NB      | 32,2             |         | SSW-0 |  |
| Lerwick     |                    |           |        |         |             |                 |                    | 99,4    |                  | SW-4    |            | Tolosa             | 32,6      | -1,0   | 6       | SW-1        | 3               | NB                 | NB      | 30,0             |         | SSW-2 |  |
| Stornoway   |                    |           |        |         |             |                 |                    | 99,4    |                  | SSW-4   |            | Marignane          | 33,0      | 0,6    | 3       | Cal-0       | 1               | NB                 | NB      | 30,0             |         | SSW-2 |  |
| Wick        | 94,4               | 0,6       | 1      | SSW-4   | 6           | N               | LL                 | 02,5    |                  | SW-5    |            | Perpignan          | 33,0      | 0,2    | 4       | Cal-0       | 2               | D                  | D       | 32,3             |         | SSW-0 |  |
| Aberdeen    | 98,1               | 0,4       | 7      | SSW-5   | 11          | N               | N                  | 08,1    |                  | SSW-2   |            | Ajaccio            | 33,1      | 1,0    | 3       | Cal-0       | 6               | D                  | D       | 30,0             |         | SSW-1 |  |
| Malin Head  | 94,8               | -2,4      | 7      | SSW-8   | -8          | N               | N                  | 02,8    |                  | SSW-4   |            | Oporto             |           |        |         |             |                 |                    |         |                  |         |       |  |
| Renfrew     |                    |           |        |         |             |                 |                    | 09,1    |                  | SSW-3   |            | Colmbra            |           |        |         |             |                 |                    |         |                  |         |       |  |
| Tynemouth   | 08,7               | 0,4       | 3      | SW-5    | 12          | N               | N                  | 14,0    |                  | SW-3    |            | Lisboa             |           |        |         |             |                 |                    |         |                  |         |       |  |
| Blacksod    | 95,4               | -2,2      | 8      | SW-7    | 11          | N               | A                  | 95,4    |                  | SW-3    |            | Lagos              |           |        |         |             |                 |                    |         |                  |         |       |  |
| Donaghadde  |                    |           |        |         |             |                 |                    | 07,5    |                  | S-3     |            | Funchal            |           |        |         |             |                 |                    |         |                  |         |       |  |
| Holyhead    |                    |           |        |         |             |                 |                    | 12,2    |                  | S-5     |            | Horta              | 23,0      | 0,2    | 1       | SW-4        | 16              | LL                 | LL      | 29,1             |         | SSW-6 |  |
| Cranwell    |                    |           |        |         |             |                 |                    | 20,1    |                  | S-4     |            | Turin              | 36,2      | 1,6    | 4       | Cal-0       | -2              | D                  | D       |                  |         |       |  |
| Yarmouth    | 21,1               | -0,6      | 7      | SSW-5   | 10          | N               | N                  | 23,6    |                  | SSW-3   |            | Milan              | 35,3      | 0,0    | 3       | Cal-0       | -2              | NB                 | NB      |                  |         |       |  |
| Valentia    | 08,5               | -3,0      | 8      | SW-7    | 13          | 11              | 11                 | 06,2    |                  | S-7     |            | Padua              |           |        |         |             |                 |                    |         |                  |         |       |  |
| Pembroque   | 13,0               | -0,6      | 8      | S-6     | 11          | 11              | 11                 | 15,3    |                  | SSW-4   |            | Venecia            | 30,9      | 0,0    | 4       | SW-4        | 4               | D                  | D       |                  |         |       |  |
| Ross-on-Wye |                    |           |        |         |             |                 |                    | 19,8    |                  | SW-3    |            | Genova             | 30,0      | 1,2    | 3       | SSW-1       | 9               | D                  | D       |                  |         |       |  |
| Londres     |                    |           |        |         |             |                 |                    | 24,2    |                  | SW-3    |            | Florenca           | 30,1      | 0,2    | 6       | SW-1        | 14              | 11                 | NB      | 31,5             |         | SSW-0 |  |
| Scilly      | 17,4               | -1,4      | 7      | SSW-6   | 11          | N               | N                  | 19,7    |                  | SSW-5   |            | Liorna             | 33,5      | 0,5    | 4       | SSW-4       | 0               | NB                 | NB      | 33,8             |         | SSW-2 |  |
| Plymouth    |                    |           |        |         |             |                 |                    | 22,9    |                  | SW-4    |            | Ancona             |           |        |         |             |                 |                    |         |                  |         |       |  |
| Calshof     |                    |           |        |         |             |                 |                    | 24,3    |                  | SSW-4   |            | Zara               | 30,7      | 0,0    | 0       | SW-1        | 1               | N                  | D       | 29,8             |         | SSW-2 |  |
| Quernsey    | 24,9               | -0,6      | 6      | SW-5    | 11          | N               | LL                 | 25,1    |                  | SW-3    |            | Roma               | 33,8      | 0,6    | 0       | SW-2        | -2              | D                  | D       |                  |         |       |  |
| Borkum      | 25,3               | -0,8      | 6      | SW-4    | 7           | N               | NB                 |         |                  |         |            | Magdalena          |           |        |         |             |                 |                    |         |                  |         |       |  |
| Loningen    | 27,9               | -0,4      | 8      | SW-3    | 7           | N               | N                  |         |                  |         |            | Taranto            | 32,7      | 0,6    | 3       | SW-2        | 7               | N                  | N       | 30,5             |         | SSW-1 |  |
| Hamburgo    | 29,5               | 0,0       | 3      | SW-4    | 6           | N               | N                  | 25,1    |                  | SW-4    |            | Mesina             |           |        |         |             |                 |                    |         |                  |         |       |  |
| Swinemunde  | 32,8               | 0,6       | 1      | SW-2    | 3           | D               | LL                 | 26,7    |                  | SSW-3   |            | Tanger             | 32,5      | 0,0    | 3       | SW-2        | 13              | D                  | D       | 26,0             |         | SSW-1 |  |
| Danzig      | 31,7               | 2,2       | 3      | SW-3    | 4           | N               | A                  | 27,8    |                  | SSW-4   |            | Oran               | 30,6      | 0,4    | 4       | Cal-0       | 8               | LL                 | NB      |                  |         |       |  |
| Memel       | 29,5               | 1,0       | 3      | S-3     | 5           | N               | 11                 | 23,9    |                  | SW-0    |            | Argel              |           |        |         |             |                 |                    |         |                  |         |       |  |
| Aquisgran   |                    |           |        |         |             |                 |                    | 29,7    |                  | SW-4    |            | Bizerta            |           |        |         |             |                 |                    |         |                  |         |       |  |
| Magdeburgo  | 33,3               | 0,0       | 2      | SW-3    | 0           | D               | D                  | 28,6    |                  | ?       |            | Tunez              |           |        |         |             |                 |                    |         |                  |         |       |  |
| Berlin      | 28,0               | 0,0       | 3      | SSW-4   | 5           | N               | N                  | 22,4    |                  | SW-5    |            | Rabat              | 28,9      | 0,0    | 3       | Cal-0       | 0               | D                  | D       | 26,0             |         | SSW-0 |  |
| Dresde      | 36,3               | 1,0       | 4      | SSW-1   | -1          | D               | D                  | 31,1    |                  | SSW-2   |            | Fez                |           |        |         |             |                 |                    |         |                  |         |       |  |
| Breslau     | 37,3               | 1,0       | 1      | Cal-0   | 0           | NB              | NB                 | 32,0    |                  | SW-1    |            | Tazza              | 30,6      | 0,6    | 4       | ?           | 0               |                    |         | 27,3             |         | SSW-1 |  |
| Francfort   | 35,5               | 0,2       | 3      | Cal-0   | 0           | NB              | N                  | 32,2    |                  | SSW-2   |            | Sfax               |           |        |         |             |                 |                    |         |                  |         |       |  |
| Carlsruha   | 35,1               | 0,8       | 3      | S-1     | 5           | N               | N                  | 33,1    |                  | S-1     |            | Casablanca         | 28,0      | 0,2    | 2       | SSW-1       | 8               | D                  | D       | 33,7             |         | Cal-0 |  |
| Munich      | 38,8               | 0,4       | 4      | NB-1    | -1          | NB              | NB                 | 35,0    |                  | S-2     |            | Mequinez           | 30,0      | 0,8    | 3       | Cal-0       | 8               | D                  | D       | 30,3             |         | Cal-0 |  |
| Posen       |                    |           |        |         |             |                 |                    |         |                  |         |            | Agadir             | 27,9      | 0,0    | 3       | Cal-0       | 9               | D                  | D       |                  |         | SSW-2 |  |
| Varsovia    | 35,7               | 1,4       | 3      | WSW-2   | 1           | N               | N                  |         |                  |         |            |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Cracovia    | 39,7               | 1,2       | 3      | W-2     | -2          | N               | N                  |         |                  |         |            |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Viena       | 40,8               | 0,6       | 4      | SE-1    | -2          | NB              | NB                 |         |                  |         |            |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Praga       | 38,7               | 0,6       | 2      | SE-1    | 1           | N               | N                  |         |                  |         |            |                    |           |        |         |             |                 |                    |         |                  |         |       |  |
| Buda-Pest   | 42,3               |           |        |         |             |                 |                    |         |                  |         |            |                    |           |        |         |             |                 |                    |         |                  |         |       |  |

RADIOGRAMAS TRANSMITIDOS DESDE BARCOS

| DIA | HORA | LAT    | LONG   | PRESION | VIENTO |
|-----|------|--------|--------|---------|--------|
| 16  | 7    | 43 7 N | 16 0 W | 1021    | SSW-5  |
|     |      | 46 7 N | 06 5 W | 1023    | SW-4   |
|     |      | 45 6 N | 39 1 W | 1009    | WSW-4  |

ADMINISTRADOR: Sr. Habilitado del Servicio Meteorológico.

CORRESPONDENCIA: Sr. Jefe del Servicio Meteorológico. Apartado 285. MADRID.



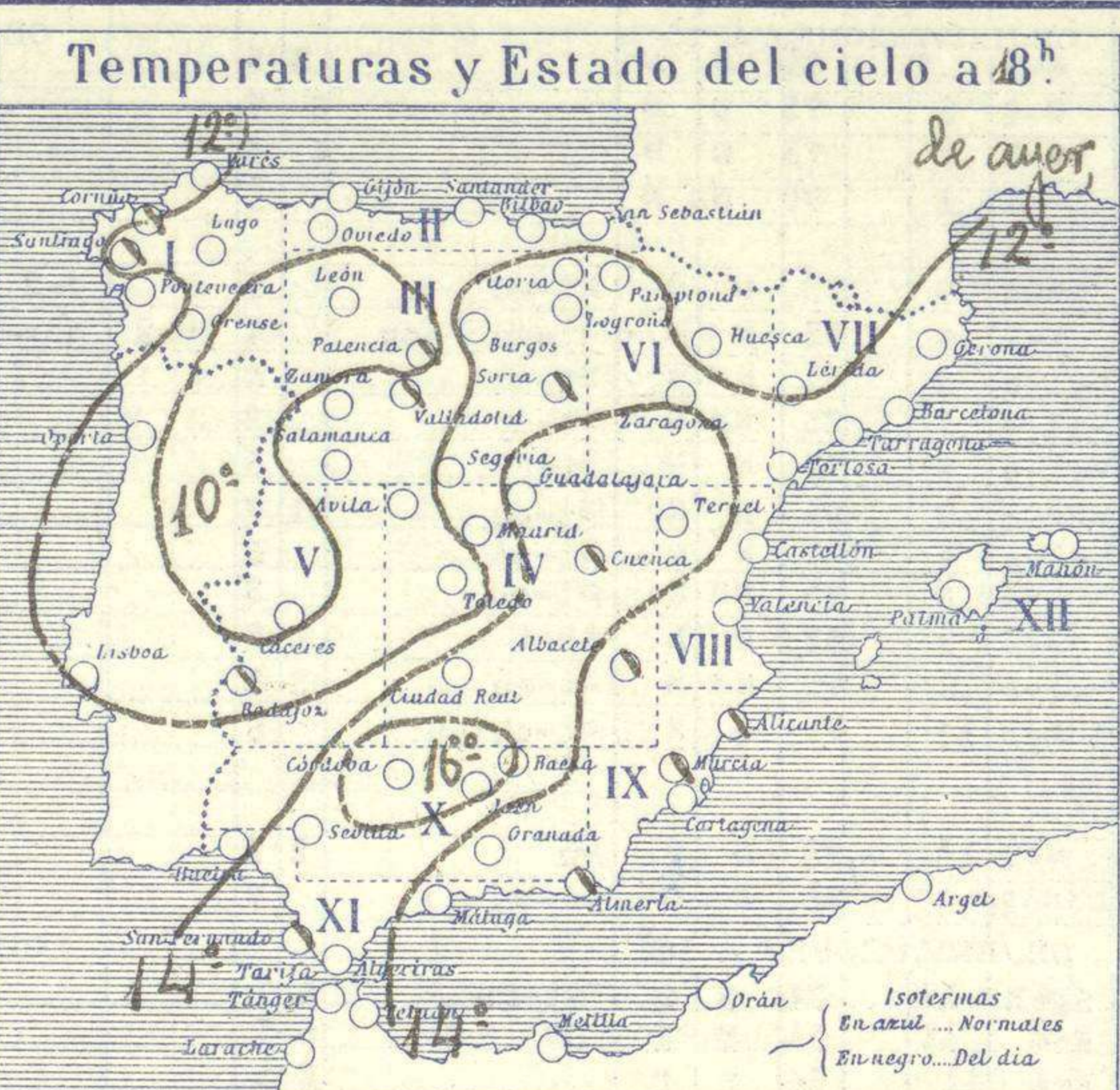
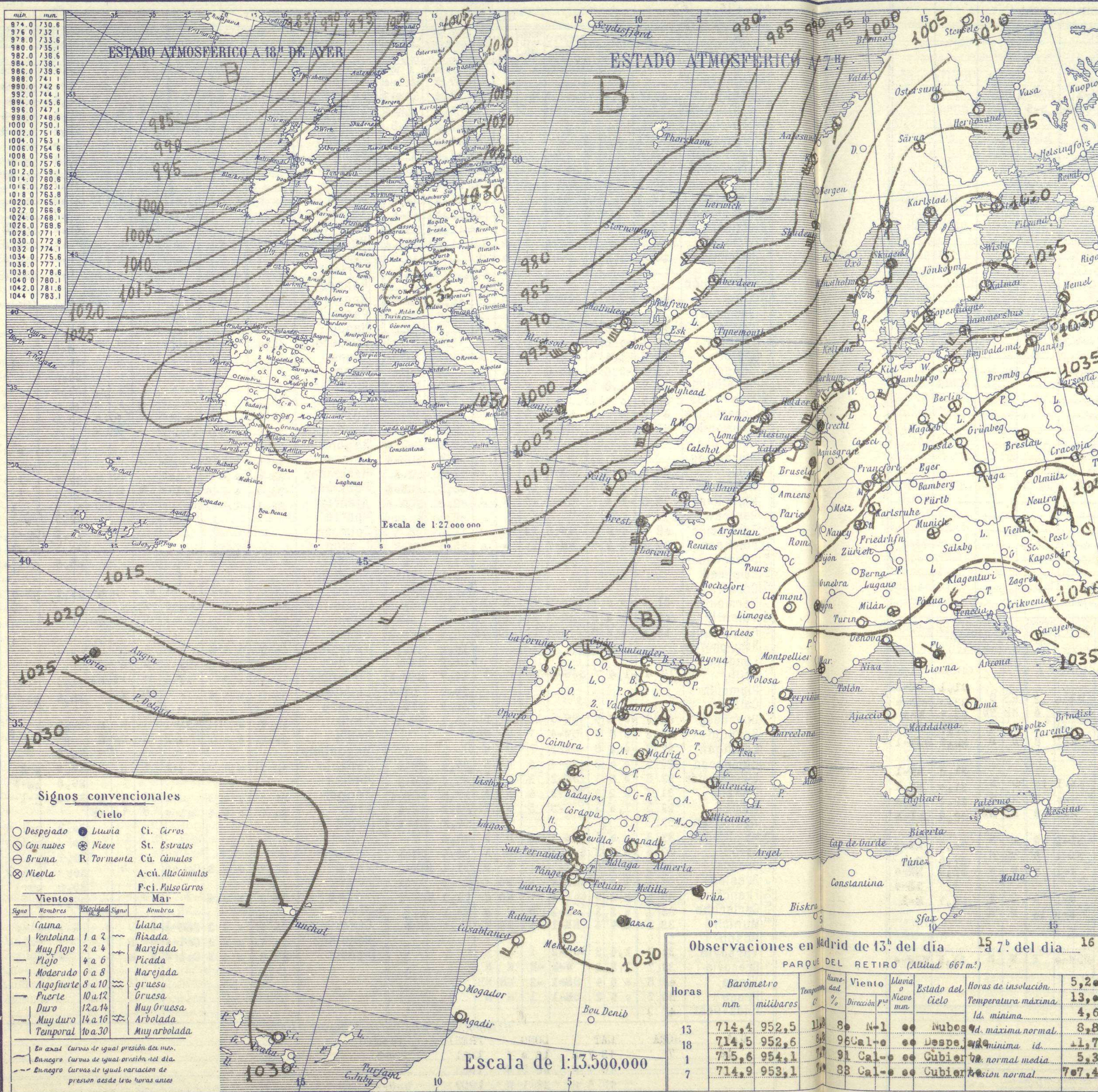


# SERVICIO METEOROLÓGICO ESPAÑOL.

Boletín del Sábado, 16 de Enero de 1932.

AÑO XL

Núm. 16



### Observaciones aerológicas



### Estado General

Al NW de las Islas Británicas se halla el centro principal de una borrasca importante cuya acción llega hasta América del Norte. Por su influjo llueve en las Islas Británicas y en los países Bajos con vientos moderados del tercer cuadrante. En el Continente europeo se registran muchas nieblas, incluso en España. Las presiones altas presentan un centro en la península ibérica.

### Tiempo probable

- I vientos moderados y fuertes de la región del Sur y chubascos.
- II
- III
- IV
- V
- VI vientos flojes de dirección variable y tiempo favorable para que se formen nieblas.
- VII
- VIII
- IX
- X
- XI
- XII

### Temperaturas extrema y Lluvia

| Estaciones                | Temperaturas |        | Lluvia |
|---------------------------|--------------|--------|--------|
|                           | Máx.         | Mínim. |        |
| La Coruña                 | 14           | 6      |        |
| Santiago                  | 11           | 3      |        |
| Pontevedra                | 12           |        |        |
| Lugo                      |              |        |        |
| Orense                    | 8            | 1      |        |
| Oijón                     | 15           | 4      |        |
| Oviedo                    | 13           | 2      |        |
| Santander                 | 15           | 7      |        |
| Bilbao                    |              |        |        |
| San Sebastián             | 12           | 4      |        |
| León                      | 8            |        |        |
| Zamora                    |              |        |        |
| Palencia                  | 8            | 1      |        |
| Burgos                    | 10           | 2      |        |
| Soria                     | 12           | 1      |        |
| Valladolid                | 9            | 1      |        |
| Salamanca                 | 10           |        |        |
| Ávila                     | 10           | 4      |        |
| Segovia                   | 10           | 1      |        |
| Madrid                    | 13           | 5      |        |
| Toledo                    | 9            | 3      |        |
| Guadalajara               | 16           | 3      |        |
| Cuenca                    | 15           | 1      |        |
| Ciudad-Real               | 11           | 3      |        |
| Albacete                  | 9            | 6      |        |
| Cáceres                   | 9            | 5      |        |
| Badajoz                   | 11           | 9      |        |
| Vitoria                   | 13           | 9      |        |
| Logroño                   | 16           | 1      |        |
| Pamplona                  | 13           | 9      |        |
| Huesca                    | 13           | 4      |        |
| Zaragoza                  | 14           |        |        |
| Lérida                    | 15           |        |        |
| Oerona                    | 15           |        |        |
| Barcelona                 | 14           | 8      |        |
| Tarragona                 | 14           | 8      |        |
| Tortosa                   | 18           | 4      |        |
| Teruel                    | 17           | 9      |        |
| Castellón                 | 15           | 9      |        |
| Valencia                  | 14           | 4      |        |
| Alicante                  | 14           | 8      |        |
| Murcia                    | 17           | 7      |        |
| Sevilla                   | 18           | 5      |        |
| Jaén                      | 13           | 7      |        |
| Córdoba                   | 16           | 5      |        |
| Baeza                     | 14           |        |        |
| Oranada                   | 16           | 3      |        |
| Huelva                    | 20           | 6      |        |
| San Fernando              | 18           | 11     |        |
| Tarifa                    | 16           | 14     |        |
| Algeciras                 |              |        |        |
| Málaga                    | 15           | 9      |        |
| Almería                   | 17           | 8      |        |
| Palma                     | 17           | 5      |        |
| Ibiza                     |              |        |        |
| Mahón                     | 14           | 4      |        |
| Las Palmas                |              |        |        |
| S <sup>a</sup> Cruz de T. | 21           | 15     |        |
| Laguna                    |              |        |        |
| Izaña                     |              |        |        |
| Tetuán                    |              |        |        |
| Melilla                   |              |        |        |
| Tánger                    |              |        |        |

### Observaciones en Madrid de 13<sup>a</sup> del día a 16<sup>a</sup> del día

| Horas | Barómetro |          | Temperatura | Viento | Nubosidad | Estado del Cielo | Horas de insolación |
|-------|-----------|----------|-------------|--------|-----------|------------------|---------------------|
|       | mm        | milibars |             |        |           |                  |                     |
| 13    | 714,4     | 952,5    | 11,0        | 8      | N+1       | ee               | 5,2                 |
| 18    | 714,5     | 952,6    | 8,0         | 9      | Cal+e     | ee               | 13,0                |
| 1     | 715,6     | 954,1    | 7,0         | 9      | Cal+e     | ee               | 4,6                 |
| 7     | 714,9     | 953,1    | 7,0         | 8      | Cal+e     | ee               | 8,8                 |

#### Signos convencionales

| Cielo       |                    |
|-------------|--------------------|
| ○ Despejado | ● Lluvia           |
| ☁ Con nubes | ❄ Nieve            |
| ☉ Bruma     | R Tormenta         |
| ⊗ Niebla    | Acú. Alto Cúmulos  |
|             | Pci. Pseudo Cirros |
|             | Mar                |

| Vientos |           |
|---------|-----------|
| Signo   | Nombres   |
| —       | Calma     |
| —       | Ventolina |
| —       | Muy flojo |
| —       | Flojo     |
| —       | Moderado  |
| —       | Agofuerte |
| —       | Puente    |
| —       | Duro      |
| —       | Muy duro  |
| —       | Temporal  |

| Mar   |                 |
|-------|-----------------|
| Signo | Nombres         |
| —     | Blana           |
| —     | Rizada          |
| —     | Marejada        |
| —     | Picada          |
| —     | Marejada gruesa |
| —     | gruesa          |
| —     | Muy gruesa      |
| —     | Arbolada        |
| —     | Muy arbolada    |

En azul Curvas de igual presión del día.  
En negro Curvas de igual presión del día.  
En negro Curvas de igual variación de presión desde las horas antes.

Escala de 1:13.500.000



# OBSERVACIONES DE ESPAÑA

| ESTACIONES                     | PRESIÓN MILIBARES              |      |              | VIENTO<br>D. y F. | TEMPE-<br>RATURA<br>C. | HUMEDAD<br>%<br>COMPARA<br>LIMPIA | TIEMPO   |        | NUBES      | MAR | DIRECCIÓN Y FUERZA DEL VIENTO A |       |       |      |      |      |      |
|--------------------------------|--------------------------------|------|--------------|-------------------|------------------------|-----------------------------------|----------|--------|------------|-----|---------------------------------|-------|-------|------|------|------|------|
|                                | á O.<br>N. M. G. N.            |      | VARIACIÓN C. |                   |                        |                                   | PRESENTE | PASADO |            |     | 250                             | 500   | 1000  | 2000 | 3000 | 4000 | 5000 |
|                                | OBSERVACIONES Á 7 <sup>h</sup> |      |              |                   |                        |                                   |          |        |            |     |                                 |       |       |      |      |      |      |
| La Coruña                      | 29 0                           | -0 4 | 6            | S-2               | 7                      | 84                                | D        | D      |            | 3   | OBSERVACIONES Á                 |       |       |      |      |      |      |
| Gijón                          | 30 5                           | -0 6 | 6            | W-4               | 5                      | 73                                | D        | D      |            | 6   |                                 |       |       |      |      |      |      |
| Santander                      | 29 9                           | 0 2  | 4            | S-2               | 7                      | 75                                | D        | D      |            | 4   |                                 |       |       |      |      |      |      |
| Valladolid                     | 35 1                           | 0 4  | 4            | N-1               | 1                      | 95                                | NB       | N      |            | 1   |                                 |       |       |      |      |      |      |
| Zaragoza                       |                                |      |              |                   |                        |                                   |          |        |            |     |                                 |       |       |      |      |      |      |
| Barcelona                      | 32 7                           | 0 0  | 4            | NW-0              | 9                      | 95                                | D        | D      | St-cu      | 3   | S-2                             | S-2   | WSW-3 |      |      |      |      |
| Tortosa                        | 33 9                           | 0 8  | 1            | N-2               | 4                      | 95                                | N        | N      | St-cu A-cu | 4   | N-2                             | SSW-2 | SSE-2 | S-5  |      |      |      |
| Mahón                          | 23 4                           | 0 4  | 4            | Cal-e             | 8                      | 95                                | N        | N      | St-cu      | 6   |                                 |       |       |      |      |      |      |
| Madrid                         | 32 9                           | -0 6 | 5            | Cal-e             | 7                      | 85                                | NB       | N      | St-cu      | 3   |                                 |       |       |      |      |      |      |
| Badajóz                        | 31 9                           | 0 0  | 4            | Cal-e             | 9                      | 95                                | N        | N      | St-cu      | 5   |                                 |       |       |      |      |      |      |
| Alicante                       | 32 7                           | 0 2  | 4            | NNW-1             | 9                      | 95                                | N        | N      | St-cu      | 1 7 |                                 |       |       |      |      |      |      |
| Granada                        | 35 3 <sup>7</sup>              | 1 0  | 4            | Cal-e             | 4                      | 95                                | N        | N      | Ci-st      | 6   |                                 |       |       |      |      |      |      |
| Sevilla                        | 31 8                           | -1 6 | 4            | N-1               | 6                      | 95                                | NB       | N      | St-cu      | 3   |                                 |       |       |      |      |      |      |
| Almería                        | 33 3                           | 0 8  | 4            | N-2               | 9                      | 85                                | D        | N      | A-st       | 1 8 |                                 |       |       |      |      |      |      |
| Málaga                         | 32 9                           | 0 4  | 0            | Cal-e             | 12                     | 75                                | NB       | N      | St-cu      | 3 3 |                                 |       |       |      |      |      |      |
| S.Fernando                     | 29 7                           | 0 0  | 3            | ESE-3             | 13                     | 75                                | N        | N      | St-cu Cu   | 6   |                                 |       |       |      |      |      |      |
| Melilla                        |                                |      |              |                   |                        |                                   |          |        |            |     |                                 |       |       |      |      |      |      |
| Tetuán                         |                                |      |              |                   |                        |                                   |          |        |            |     |                                 |       |       |      |      |      |      |
| S <sup>ta</sup> C. de Tenerife | 28 9                           | 0 8  | 4            | W-2               | 16                     | 85                                | D        | D      | Cu         | 2 9 |                                 |       |       |      |      |      |      |
| Izaña                          | 711,2                          | 0 2  | 1            | ESW-2             | 3                      | 75                                | D        | D      | Ci-cu      | 7   |                                 |       |       |      |      |      |      |
|                                |                                |      |              |                   |                        |                                   |          |        |            |     | OBSERVACIONES Á 18 <sup>h</sup> |       |       |      |      |      |      |
| La Coruña                      | 30 1                           | 0 0  | 3            | SW-3              | 12                     | 84                                | N        | N      | st-cu      | 4 7 |                                 |       |       |      |      |      |      |
| Gijón                          | 32 2                           | 0 0  | 3            | E-2               | 11                     | 64                                | N        | D      | Cu         | 6 7 |                                 |       |       |      |      |      |      |
| Santander                      | 32 3                           | 0 0  | 4            | E-1               | 11                     | 84                                | D        | D      |            | 2 5 |                                 |       |       |      |      |      |      |
| Valladolid                     | 32 1                           | 0 4  | 4            | N-1               | 7                      | 84                                | N        | N      | St-cu      | 7   |                                 |       |       |      |      |      |      |
| Zaragoza                       | 31 5                           | 0 8  | 4            | Cal-e             | 11                     | 75                                | NB       | N      | St-cu, Ci  | 2   |                                 |       |       |      |      |      |      |
| Barcelona                      | 32 3                           | 1 0  | 3            | Cal-e             | 13                     | 84                                | D        | D      | A-CU       | 7   |                                 |       |       |      |      |      |      |
| Tortosa                        | 33 0                           | 1 0  | 1            | SSW-2             | 12                     | 85                                | D        | D      |            |     |                                 |       |       |      |      |      |      |
| Mahón                          | 31 5                           | 0 4  | 4            | Cal-e             | 13                     | 84                                | N        | N      | St-cu A-CU | 1 7 |                                 |       |       |      |      |      |      |
| Madrid                         | 31 0                           | 0 2  | 3            | Cal-e             | 2                      | 94                                | D        | N      |            | 7   |                                 |       |       |      |      |      |      |
| Badajóz                        | 31 7                           | 0 6  | 3            | NE-1              | 10                     | 84                                | N        | N      | St-cu      | 7   |                                 |       |       |      |      |      |      |
| Alicante                       | 32 0                           | 1 4  | 4            | ENE-2             | 13                     | 84                                | N        | N      | St-cu      | 2 7 |                                 |       |       |      |      |      |      |
| Granada                        | 29 1                           | 0 4  | 4            | Cal-e             | 13                     | 84                                | N        | N      | A-CU       | 7   |                                 |       |       |      |      |      |      |
| Sevilla                        | 29 5                           | 0 0  | 3            | ESE-1             | 14                     | 84                                | N        | N      | Ci         | 6   |                                 |       |       |      |      |      |      |
| Almería                        | 31 8                           | 1 0  | 4            | E-2               | 13                     | 64                                | N        | N      | St-cu A-CU | 1 8 |                                 |       |       |      |      |      |      |
| Málaga                         | 31 4                           | 0 0  | 4            | SE-1              | 13                     | 84                                | D        | D      |            | 2 4 |                                 |       |       |      |      |      |      |
| S.Fernando                     | 27 9                           | 0 0  | 6            | SE-1              | 15                     | 64                                | N        | N      | Ci-st      | 1 7 |                                 |       |       |      |      |      |      |
| Melilla                        | 31 0                           | ?    | ?            | Cal-e             | ?                      | ?                                 | N        | N      | Cu A-CU    | 1 6 |                                 |       |       |      |      |      |      |
| Tetuán                         |                                |      |              |                   |                        |                                   |          |        |            |     |                                 |       |       |      |      |      |      |
| S <sup>ta</sup> C. de Tenerife | 25 9                           | 0 8  | 4            | E-2               | 19                     | 64                                | N        | N      | Cu         | 2 8 |                                 |       |       |      |      |      |      |
| Izaña                          | 09 8                           | 0 2  | 3            | ESE-4             | 5                      | 74                                | N        | N      |            | 7   |                                 |       |       |      |      |      |      |

| ESTACIONES    | PRESIÓN MILIBARES              |      |              | VIENTO<br>D. y F. | TEMPE-<br>RATURA<br>C. | TIEMPO<br>PRESENTE PASADO | ESTACIONES | PRESIÓN MILIBARES   |     |              | VIENTO<br>D. y F. | TEMPE-<br>RATURA<br>C. | TIEMPO<br>PRESENTE PASADO | ESTACIONES | PRESIÓN MILIBARES   |  |              | VIENTO<br>D. y F. | TEMPE-<br>RATURA<br>C. | TIEMPO<br>PRESENTE PASADO |  |
|---------------|--------------------------------|------|--------------|-------------------|------------------------|---------------------------|------------|---------------------|-----|--------------|-------------------|------------------------|---------------------------|------------|---------------------|--|--------------|-------------------|------------------------|---------------------------|--|
|               | á O.<br>N. M. G. N.            |      | VARIACIÓN C. |                   |                        |                           |            | á O.<br>N. M. G. N. |     | VARIACIÓN C. |                   |                        |                           |            | á O.<br>N. M. G. N. |  | VARIACIÓN C. |                   |                        |                           |  |
|               | OBSERVACIONES Á 8 <sup>h</sup> |      |              |                   |                        |                           |            |                     |     |              |                   |                        |                           |            |                     |  |              |                   |                        |                           |  |
| Vares         |                                |      |              |                   |                        |                           | Cáceres    |                     |     |              |                   |                        |                           |            |                     |  |              |                   |                        |                           |  |
| Finisterre    | 30 1                           | 0 2  | 3            | SE-3              | 10                     | N N                       | Vitoria    | 33 0                | 0 0 | 3            | SE-0              | 2                      | NB D                      |            |                     |  |              |                   | 31,1                   | NE-2                      |  |
| Santiago      | 31 3                           | 0 0  | 3            | SW-2              | 5                      | N N                       | Logroño    | 33 9                |     |              | W-0               | 4                      | NB NB                     |            |                     |  |              |                   | 33,0                   | SE-0                      |  |
| Pontevedra    |                                |      |              |                   |                        |                           | Pamplona   | 34 1                |     |              | S-0               | 3                      | D N                       |            |                     |  |              |                   | 23,8                   | W-0                       |  |
| Lugo          |                                |      |              |                   |                        |                           | Huesca     | 33 0                | 0 0 | 3            | W-1               | 8                      | D D                       |            |                     |  |              |                   | 33,7                   | S-0                       |  |
| Orense        | 24 6                           | 0 8  | 3            | Cal-e             | 1                      | NB NB                     | Lérida     |                     |     |              |                   |                        |                           |            |                     |  |              |                   | 20,9                   | WNW-1                     |  |
| Oviedo        | 29 3                           | 0 0  | 0            | SW-2              | 2                      | D D                       | Lérida     |                     |     |              |                   |                        |                           |            |                     |  |              |                   | 31,0                   | NW-1                      |  |
| Bilbao        |                                |      |              |                   |                        |                           | Gerona     |                     |     |              |                   |                        |                           |            |                     |  |              |                   | 31,0                   | NW-1                      |  |
| San Sebastián | 29 7                           | 0 4  | 6            | E-2               | 5                      | D D                       | Tarragona  | 32 5                |     |              | NE-1              | 10                     | D N                       |            |                     |  |              |                   | 31,0                   | NW-1                      |  |
| León          |                                |      |              |                   |                        |                           | Teruel     | 33 9                |     |              | S-0               | 6                      | NB N                      |            |                     |  |              |                   | 29,0                   | SE-0                      |  |
| Zamora        | 33 9                           |      |              | W-0               | ?                      | NB NB                     | Castellón  | 34 3                | 0 0 | 0            | N-0               | 9                      | NB NB                     |            |                     |  |              |                   | 33,8                   | Cal-e                     |  |
| Palencia      | 24 7                           | 0 0  | 3            | Cal-e             | 0                      | NB NB                     | Valencia   |                     |     |              |                   |                        |                           |            |                     |  |              |                   |                        |                           |  |
| Burgos        |                                |      |              |                   |                        |                           | Murcia     | 31 5                |     |              | SW-2              | 0                      | N N                       |            |                     |  |              |                   | 30,7                   | NE-3                      |  |
| Soria         | 25 7                           | 0 0  | 3            | Cal-e             | 2                      | NB NB                     | Córdoba    | 33 3                | 0 8 | 3            | NE-1              | 6                      | NB N                      |            |                     |  |              |                   | 27,5                   | E-1                       |  |
| Salamanca     | 24 5                           | -0 2 | 5            | N-0               | 1                      | NB N                      | Jaén       | 33 8                |     |              | S-1               | 7                      | D N                       |            |                     |  |              | 29,3              | NW-0                   |                           |  |
| Avila         | 31 5                           |      |              | SSW-2             | 5                      | N N                       | Baeza      |                     |     |              |                   |                        |                           |            |                     |  |              |                   | ?                      | SE-0                      |  |
| Segovia       | 34 3                           |      |              | N-1               | 2                      | D N                       | Huelva     | 32 0                |     |              | E-1               | 9                      | D D                       |            |                     |  |              |                   | 28,7                   | E-1                       |  |
| Toledo        | 34 1                           | 0 0  | 3            | ENE-1             | 5                      | NB N                      | Tarifa     | 29 5                | 0 6 | 3            | E-6               | 14                     | N N                       |            |                     |  |              |                   |                        |                           |  |
| Guadalajara   |                                |      |              |                   |                        |                           | Algeciras  |                     |     |              |                   |                        |                           |            |                     |  |              |                   |                        |                           |  |
| Cuenca        | 32 5                           |      |              | Cal-e             | 3                      | NB N                      | Tánger     |                     |     |              |                   |                        |                           |            |                     |  |              |                   |                        |                           |  |
| Ciudad Real   | 30 3                           | 0 6  | 1            | SE-1              | 8                      | NB 11                     | Palma      | 32 3                | 0 6 | 4            | WSW-0             | 6                      | N N                       |            |                     |  |              |                   | 31,5                   | WSW-0                     |  |
| Albacete      | 33 7                           | -0 2 | 5            | SE-0              | 7                      | N N                       | Las Palmas |                     |     |              |                   |                        |                           |            |                     |  |              |                   |                        |                           |  |
|               |                                |      |              |                   |                        |                           | Laguna     |                     |     |              |                   |                        |                           |            |                     |  |              |                   |                        |                           |  |

**NOTICIAS**

Expresado en medias horas antes observación.  
 .. D Despejado ó semidespejado - N Nuboso ó cubierto - NB Niebla ó brumas - A Aguaceros - LL Lloviznas - LL Lluvia - G Granizo (sin truenos) - An Aguanieve - nv Nieve - T Tormenta.  
 ... D Despejado ó semidespejado - N Nuboso - NC Cubierto constantemente - NB Niebla ó bruma - A Aguaceros - LL Lloviznas - nv Nieve ó aguanieve - G Granizo (sin truenos) - T Tormenta.  
 .... Sobre el nivel del mar.