



# MINISTERIO DEL AIRE

## Boletín diario del Servicio Meteorológico Nacional

AÑO XX  
2ª Epoca

MADRID JUEVES 14 DE ENERO DE 1971

Núm. 14

CENTRO DE ANALISIS Y PREDICCIÓN (Ciudad Universitaria) - APARTADO 285 - MADRID - Teléf 244 35 00

| ESTACIONES          | TEMPERATURA |      | PRECIPITACION |     | Horas de sol | ESTACIONES       | TEMPERATURA |      | PRECIPITACION |     | Horas de sol | ESTACIONES             | TEMPERATURA |      | PRECIPITACION |     | Horas de sol | TEMPERATURAS EXTREMAS<br>(De las capitales Peninsulares)    |  |
|---------------------|-------------|------|---------------|-----|--------------|------------------|-------------|------|---------------|-----|--------------|------------------------|-------------|------|---------------|-----|--------------|---|--|
|                     | Máx.        | Mín. | Noche         | Día |              |                  | Máx.        | Mín. | Noche         | Día |              |                        | Máx.        | Mín. | Noche         | Día |              |   | Máx.   |
| La Coruña           | 11          | 7    | 1             | 6   | 1.8          | Navacerrada (*)  | -2          | -3   | 1             | 1   | 0.0          | Castellón              | 14          | 7    |               |     | 5.4          | MAXIMA: 17° en Alicante<br><br>MINIMA: 0° en Soria y Teruel |  |
| Monteventoso        | 9           | 7    | 4             | 10  |              | Madrid/Barajas   | 11          | 3    | 3             |     | 0.0          | Valencia (A)           | 14          | 4    |               |     | 5.8          |   |  |
| Bares               |             |      |               |     |              | Madrid           | 9           | 5    | 1             | ip  | 0.0          | Valencia               | 14          | 7    |               |     | 5.0          |   |  |
| Lugo (P.Centro)     | 8           | 2    | 7             | 4   | 0.0          | Madrid/C.Vientos | 10          | 4    | 1             |     | 0.0          | Alicante (A)           | 17          | 7    |               |     | 7.0          |   |  |
| Santiago (A)        | 9           | 4    | 11            | 4   | 0.0          | Getafe           | 10          | 4    | ip            |     | 0.0          | Alicante               | 17          | 7    |               |     | 6.7          |   |  |
| Pontevedra          | 14          | 10   | 11            | 3   | 0.3          | Guadalajara      | 9           | 4    |               |     |              | Aitana                 |             |      |               | ip  | 6.3          |   |  |
| Vigo (A)            | 10          | 5    | 14            | 6   |              | Toledo           | 9           | 5    | ip            |     | 0.0          | Murcia/Alcantarilla    | 15          | 4    |               |     | ip           |   | 6.7  |
| Vigo                | 12          | 8    | 10            | 8   | 1.7          | Cuenca           | 7           | 4    | 3             |     | 1.5          | Murcia                 | 16          | 5    |               |     | ip           |   |  |
| Orense              |             |      |               |     |              | Molina de Aragón | 5           | 2    | 5             | ip  | 0.0          | Castillo Galeras       | 13          | 9    |               |     | 2            |   |  |
| Ponferrada          | 9           | 3    | 1             | 3   |              | Ciudad Real      | 9           | 8    | ip            |     | 0.0          | San Javier             | 14          | 2    |               |     | 1            |   | 6.9  |
| Asturias (A)        | 12          | 6    |               |     | 0.0          | Albacete (A)     | 8           | 5    | 2             |     | 3.7          |                        |             |      |               |     |              |   |  |
| Oviedo              | 14          | 9    | ip            |     | 0.0          | Cáceres          | 13          | 7    |               | ip  |              | Sevilla (A)            | 15          | 8    |               |     |              | 0.4   | OBSERVACIONES DE MADRID<br>(Parque del Retiro) |
| Santander (A)       | 12          | 9    |               |     | 0.0          | Badajoz (A)      | 14          | 6    |               | ip  | 1.4          | Córdoba (A)            | 12          | 9    | 5             | ip  | ip           | 0.4   |  |
| Santander           | 12          | 8    |               | 3   | 0.0          | Vitoria (A)      | 8           | 6    | ip            |     |              | Jaén                   | 12          | 9    | ip            | ip  |              | 2.1   |  |
| Bilbao (A)          | 12          | 8    |               | 1   | 2.1          | Logroño          | 9           | 3    | 2             |     | 0.0          | Granada (A)            | 10          | 5    | ip            | ip  |              | 0.0   |  |
| S. Sebastián/Igüeña | 12          | 8    |               | ip  | 2.6          | Logroño (A)      | 8           | 3    | 2             |     | 0.0          | Huelva                 | 15          | 8    |               | 2   |              | 0.0   |  |
| S. Sebastián (A)    | 14          | 7    | ip            | ip  |              | Pamplona         | 8           | 4    | 2             | ip  | 0.6          | Jerez de la F.ª (A)    | 13          | 6    | ip            |     |              | X   |  |
|                     |             |      |               |     |              | Huesca/Monferrer | 8           | 4    | 4             |     | 0.0          | Cádiz                  | 14          | 11   |               |     |              | 0.0   |  |
|                     |             |      |               |     |              | Candanchú (*)    | 1           | -2   | 12            |     |              | San Fernando           | 14          | 10   |               |     |              | 0.0   |  |
|                     |             |      |               |     |              | Veruela          |             |      |               |     |              | Tarifa                 | 16          | 12   | 3             |     |              | 0.0   |  |
|                     |             |      |               |     |              | Daroca           | 8           | 2    | 1             | 4   | 2.2          | Málaga (A)             | 15          | 12   | ip            |     |              | 0.3   |  |
| León (A)            | 5           |      |               | 1   |              | Zaragoza (A)     | 7           | 2    | 1             |     | 1.5          | Almería (A)            | 15          | 9    |               | 2   |              | 4.0   |  |
| Zamora              | 8           | 3    | 2             | 1   | 0.3          | Zaragoza         | 8           | 3    | 1             | ip  |              |                        |             |      |               |     |              |   |  |
| Palencia            | 7           |      |               |     |              | Calamocha        | 6           | 0    | ip            | ip  | 2.0          |                        |             |      |               |     |              |   |  |
| Burgos (A)          | 6           |      |               | ip  |              | Teruel           | 7           | 0    |               |     |              | Palma de Mallorca (A)  | 16          | 5    |               | ip  |              | 5.3   |  |
| Burgos              | 8           | 2    | 2             | 1   | 0.0          |                  |             |      |               |     |              | Mahón (A)              | 15          | 7    |               |     | ip           | 5.5   |  |
| Valladolid (A)      | 8           | 1    | 1             | ip  | 0.0          | Lérida           | 7           | 3    | ip            |     | 0.6          | Ibiza (A)              | 16          | 10   |               |     |              | 6.4   |  |
| Valladolid          | 8           | 2    | ip            | ip  | 0.0          | Montseny (*)     |             |      |               |     |              | S.ª C. de la Palma (A) | 20          | 13   |               |     |              | 8.0   |  |
| Soria               | 4           | 0    | 3             |     | 0.0          | Gerona (A)       | 15          | 5    | 2             |     |              | Izaña (*)              | 11          | 5    |               |     |              | 10.5  |  |
| Salamanca (A)       | 8           | 3    | 1             |     | 1.6          | La Molina (*)    |             | -5   | 2             |     | 3.0          | S.ª C. de Tenerife (A) | 17          | 10   |               |     |              | 6.0   |  |
| Avila               | 6           | 1    | ip            | ip  | 1.3          | Barcelona        | 14          | 11   | ip            |     | 1.2          | S.ª C. de Tenerife     | 21          | 13   |               |     |              | 7.3   |  |
| Segovia             | 6           | 2    | 2             | ip  | 1.6          | Barcelona (A)    | 13          | 7    | ip            |     |              | Las Palmas (A)         | 20          | 13   |               |     |              | 7.9   |  |
|                     |             |      |               |     |              | Reus (A)         | 12          | 6    | X             |     | 5.0          | Fuerteventura (A)      | 20          | 11   |               |     |              | 9.2   |  |
|                     |             |      |               |     |              | Tarragona        | 14          | 6    | 1             |     | 4.2          | Lanzarote (A)          | 20          | 13   |               |     |              | 9.5   |  |
|                     |             |      |               |     |              | Tortosa          |             | 6    | 1             |     | 5.0          | Ceuta                  | 14          | 7    | 2             |     |              | 0.0   |  |
|                     |             |      |               |     |              |                  |             |      |               |     |              | Melilla                | 17          | 9    |               | 6   |              | 3.3   |  |
|                     |             |      |               |     |              |                  |             |      |               |     |              | V. Cisneros (A)        | 26          | 15   |               |     |              |   |  |

TEMPERATURAS EXTREMAS  
(De las capitales Peninsulares)

MAXIMA: 17° en Alicante

MINIMA: 0° en Soria y Teruel

OBSERVACIONES DE MADRID  
(Parque del Retiro)

TEMPERATURAS  
Máx. 9,0 a 16,00 h.  
Mín. 5,0 a 7,00 h.  
a 1 h. 5,6 a 13 h. 6,6  
a 7 h. 5,0 a 18 h. 7,2

PRESIONES  
Máx. 706,7 mm. a 7,00 hoy  
Mín. 705,3 mm. a 18,00 ayer  
a 1 h. 705,9 a 13 h. 706,0  
a 7 h. 706,7 a 18 h. 706,2

VIENTO  
Veloc. máx. 10 m/s. a 17,40 h.  
Dirección: Noroeste  
Recorrido en 24 horas 146 km.

(\*) Estaciones situadas a más de 1.600 metros sobre el nivel del mar.

NOTA.— Los datos de este Boletín comprenden las observaciones desde las 18 h. T. M. G. de ayer a las 18 h. T. M. G. del día de hoy

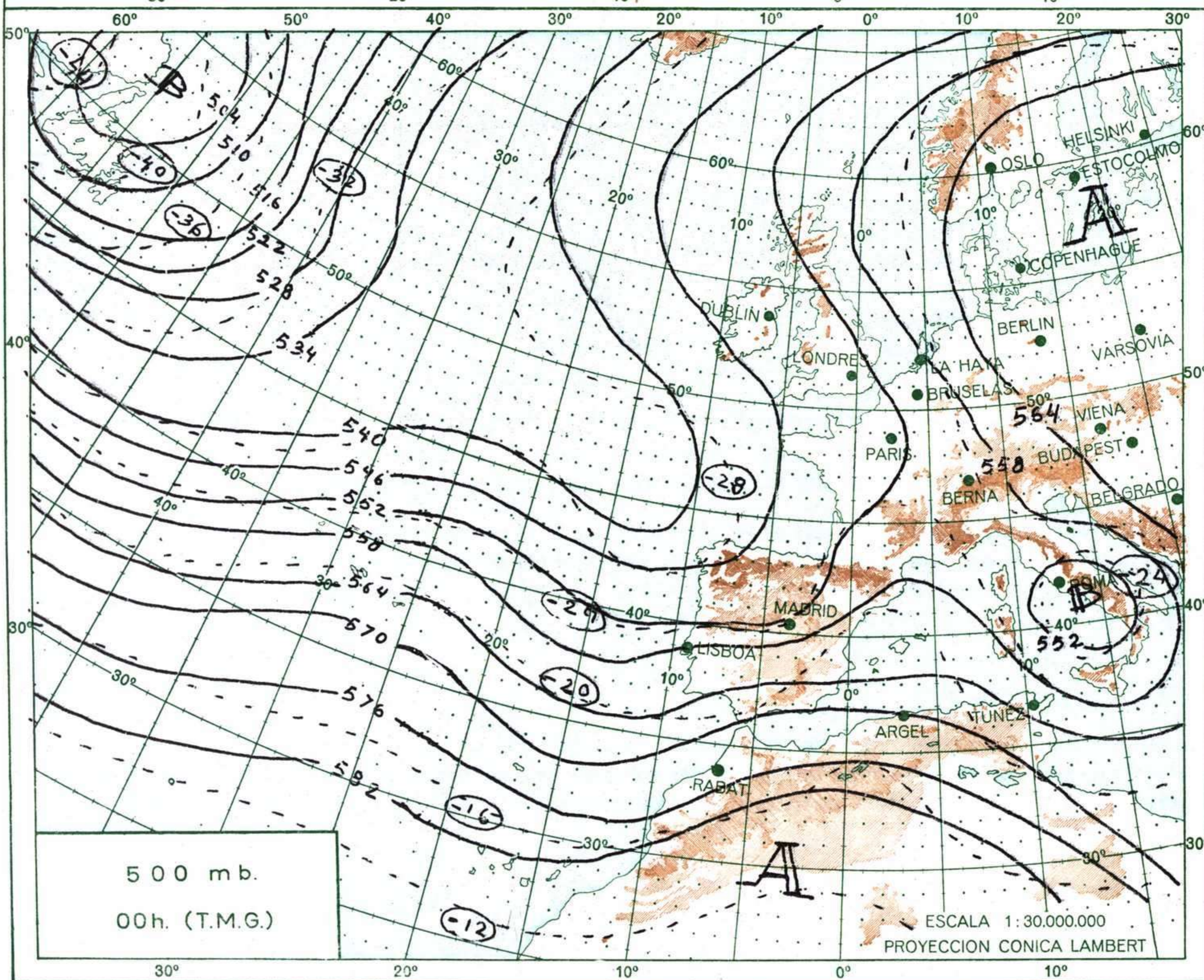
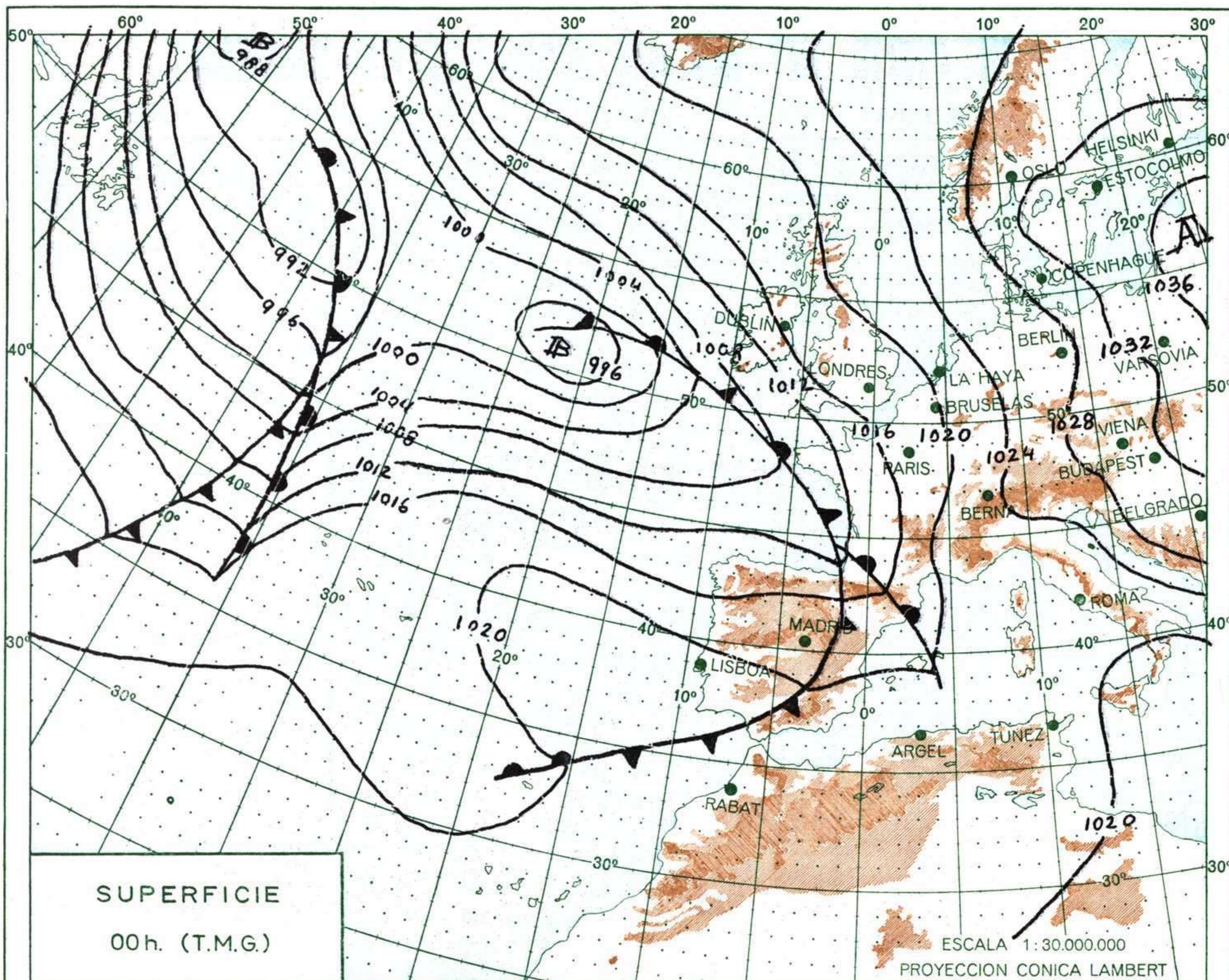
Las horas de sol corresponden al día de ayer.

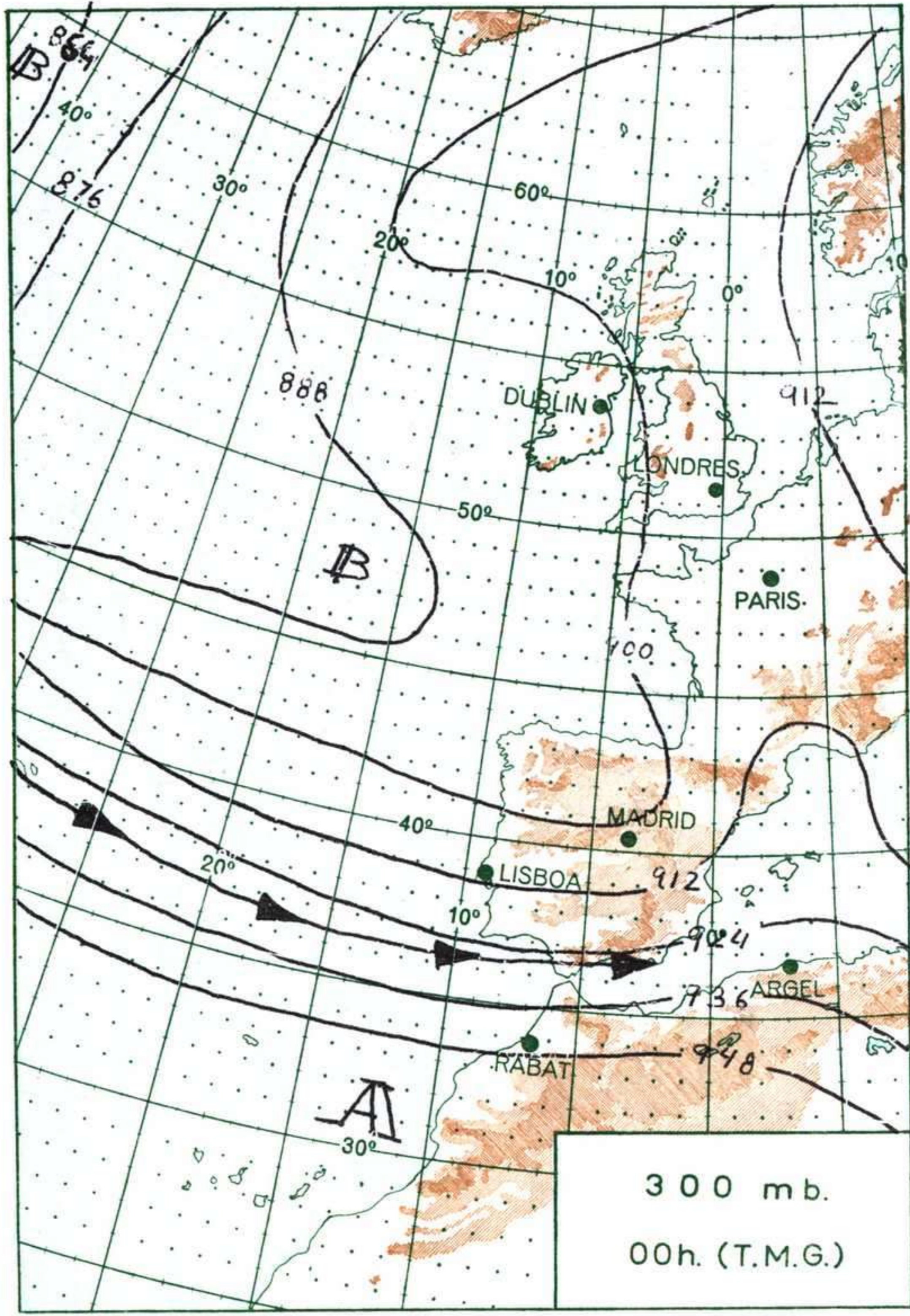
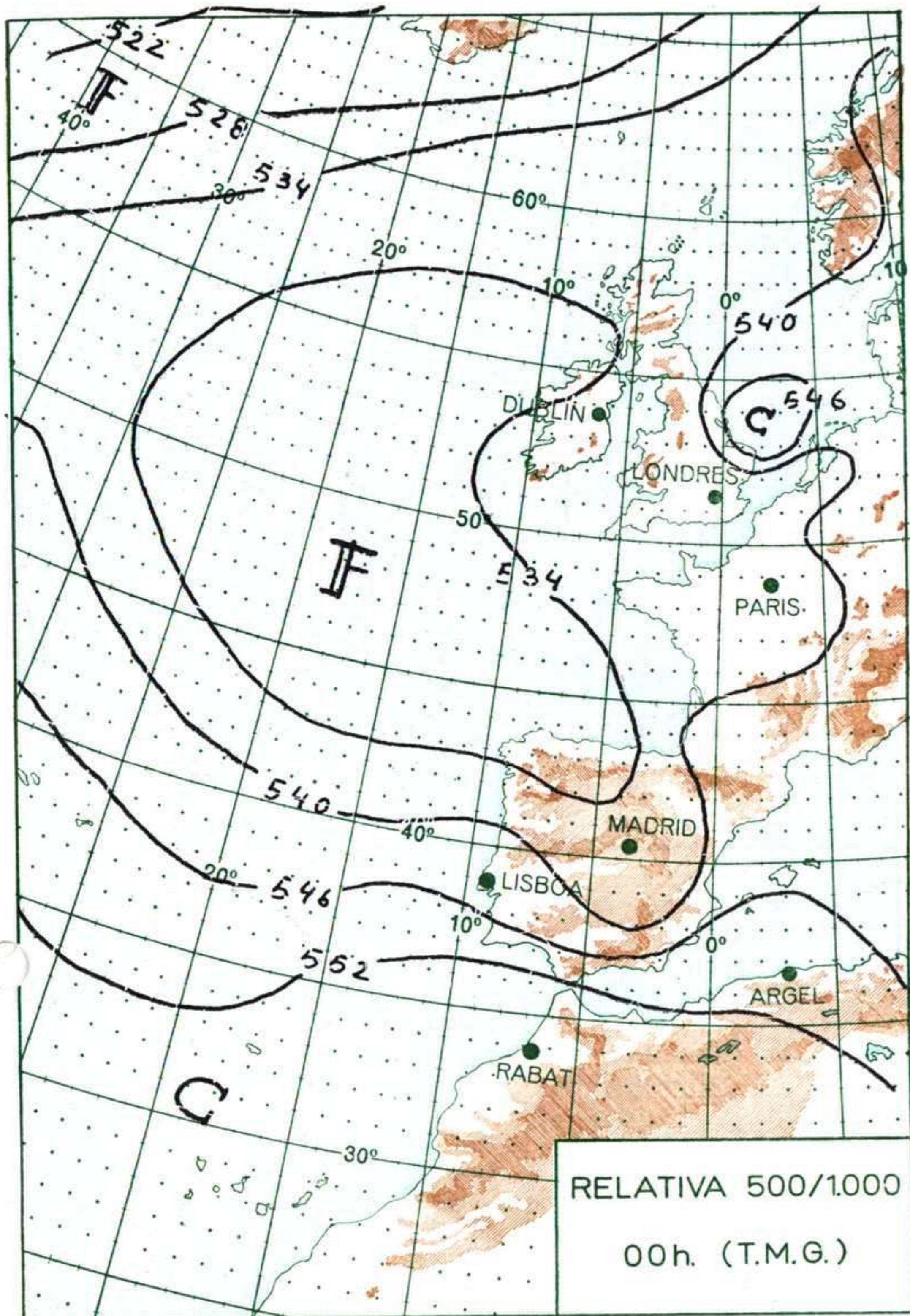
INFORMACION GENERAL DE LAS ULTIMAS 24 HORAS ( DE 19 HORAS DE AYER A 19 HORAS DE HOY, HORA OFICIAL)

En la pasada noche se han producido chubascos en Galicia y Asturias. En el Centro, Aragón, Cataluña y puntos de Andalucía hubo precipitaciones débiles o moderadas y nevó en el Pirineo. Durante el día ha habido aguaceros tormentosos en Galicia y chubascos en Vascongadas, puntos del Centro y alto Ebro. Ha llovido en el Sureste y en la región del Estrecho y ha permanecido nublado en el resto. En el Ebro y bajo Guadalquivir ha habido nieblas.

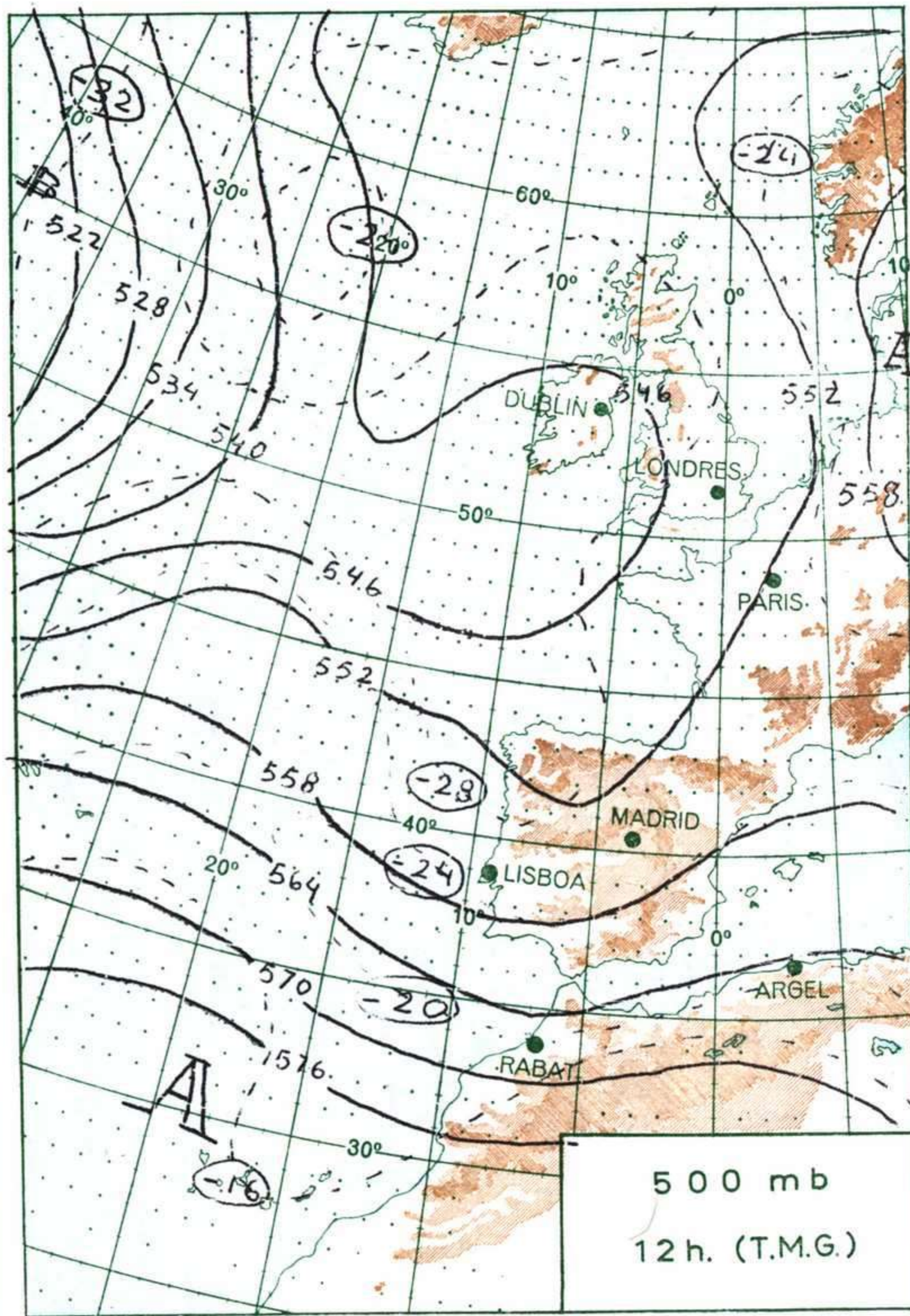
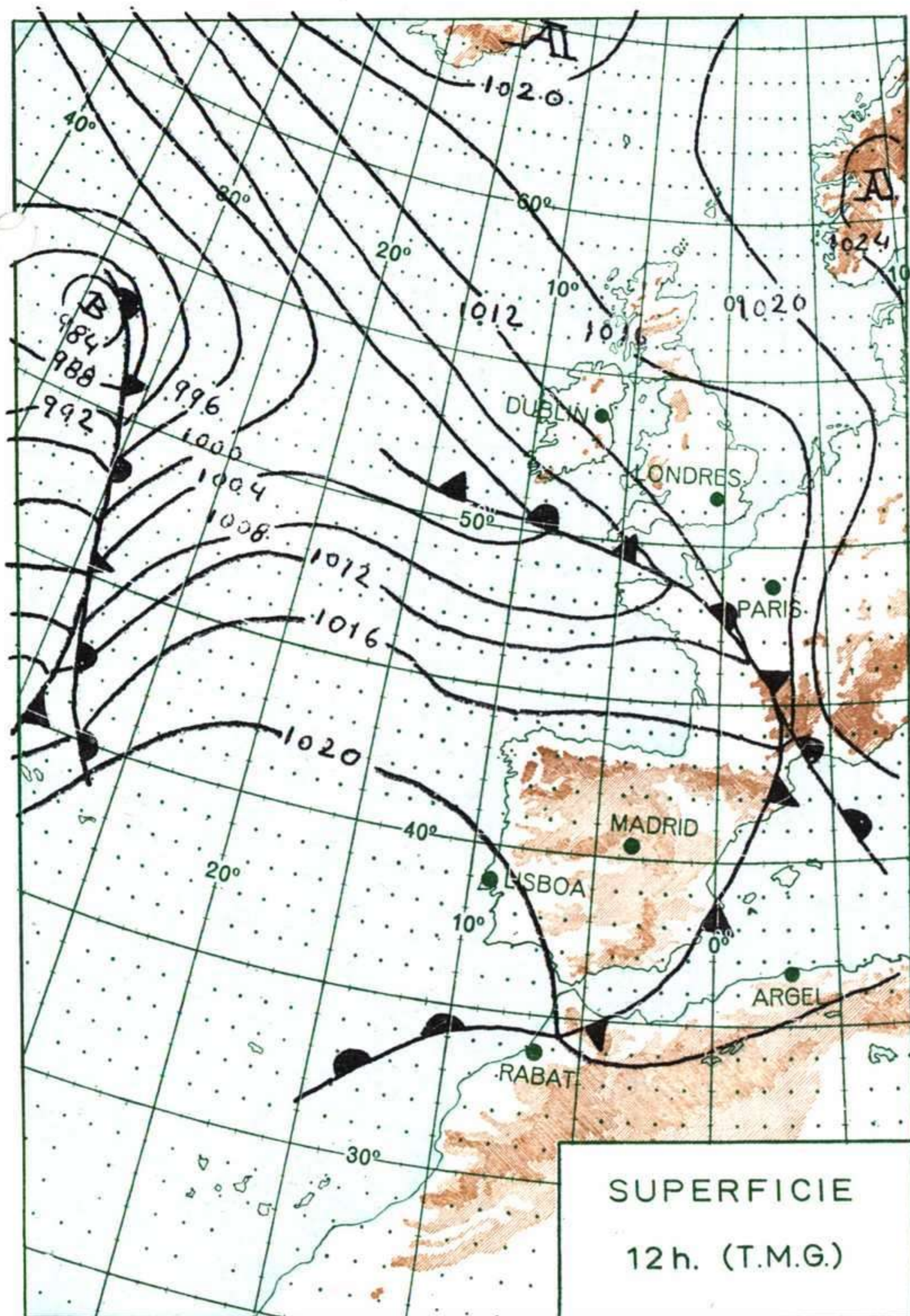
PREDICCIÓN PARA EL VIERNES DIA 15.

Cielo muy nublado en Galicia y Cantábrico con intervalos de lluvia. Chubascos de nieve en el Pirineo. Cielo nublado en el litoral mediterráneo y en la región del Estrecho con algunos aguaceros dispersos, más probables en Baleares. Cielo algo nublado con grandes claros en el interior, con algunos chubascos aislados por la tarde en las cordilleras. Cielo nublado en Canarias. Sin cambios notables en las temperaturas.





ALTITUDES  >2000  2000  1000  500  0 Mts.





MADRID, Dia 14 de ENERO de 1971

Núm. 14

| R A D I O S O N D E O S |       |       |     |                            |     |    |       |                                 |     |    |    |                                  |      |       |     | VIENTO EN ALTITUD |     |                   |        |    |    |        |  |  |  |  |  |
|-------------------------|-------|-------|-----|----------------------------|-----|----|-------|---------------------------------|-----|----|----|----------------------------------|------|-------|-----|-------------------|-----|-------------------|--------|----|----|--------|--|--|--|--|--|
| LA CORUÑA<br>08 001     |       |       |     | MADRID / BARAJAS<br>08 221 |     |    |       | PALMA DE M./SON BONET<br>08 302 |     |    |    | SANTA CRUZ DE TENERIFE<br>60 020 |      |       |     | Estación          |     | Tortos            |        |    |    |        |  |  |  |  |  |
| Sondeo a 00 h.(T.M.G.)  |       |       |     | Sondeo a 00 h.(T.M.G.)     |     |    |       | Sondeo a 00 h.(T.M.G.)          |     |    |    | Sondeo a 00 h.(T.M.G.)           |      |       |     | Indicativo        |     | 14/14             |        |    |    |        |  |  |  |  |  |
| Sondeo a 00 h.(T.M.G.)  |       |       |     | Sondeo a 00 h.(T.M.G.)     |     |    |       | Sondeo a 00 h.(T.M.G.)          |     |    |    | Sondeo a 00 h.(T.M.G.)           |      |       |     | Altitud           |     | dd ff dd ff dd ff |        |    |    |        |  |  |  |  |  |
| Presiones tipo          | 1.000 | 107   | 9   | 29                         | 22  | 12 | 1.000 | 152                             |     |    |    |                                  |      |       |     | 1.000             | 187 | 15                | 23     | 00 | 00 | Tierra |  |  |  |  |  |
|                         | 850   | 1430  | -1  | 05                         | 26  | 21 | 850   | 1471                            | -2  | 12 | 26 | 14                               | 850  | 1565  | 15  |                   | 27  | 06                | 1.000  | 28 | 12 |        |  |  |  |  |  |
|                         | 700   | 2954  | -10 | 02                         | 26  | 23 | 700   | 2983                            | -11 | 61 | 25 | 35                               | 700  | 3174  | 6   |                   | 30  | 30                | 1.500  | 28 | 34 |        |  |  |  |  |  |
|                         | 500   | 5450  | -30 | 35                         | 25  | 23 | 500   | 5550                            | -28 | 35 | 27 | 65                               | 500  | 5820  | -15 |                   | 27  | 40                | 2.000  | 28 | 38 |        |  |  |  |  |  |
|                         | 400   | 7010  | -42 |                            | 26  | 33 | 400   | 7060                            | -40 |    | 27 | 65                               | 400  | 7470  | -27 |                   | 27  | 50                | 3.000  | 25 | 26 |        |  |  |  |  |  |
|                         | 300   | 8930  | -48 |                            | 27  | 48 | 300   | 8960                            | -54 |    | 27 | 60                               | 300  | 9490  | -41 |                   | 27  | 55                | 4.000  | 26 | 35 |        |  |  |  |  |  |
|                         | 250   | 10130 | -48 |                            | 26  | 29 | 250   | 10130                           | -54 |    | 27 | 50                               | 250  | 10700 | -48 |                   | 27  | 84                | 5.500  | 23 | 38 |        |  |  |  |  |  |
|                         | 200   | 11600 | -48 |                            | 26  | 29 | 200   | 11560                           | -54 |    | 27 | 30                               | 200  | 12170 | -48 |                   | 27  | 60                | 7.000  |    |    |        |  |  |  |  |  |
|                         | 150   | 13480 | -53 |                            | 26  | 29 | 150   |                                 |     |    |    |                                  | 150  | 14030 | -59 |                   | 27  | 60                | 9.000  |    |    |        |  |  |  |  |  |
|                         | 100   | 16050 | -60 |                            | 26  | 08 | 100   |                                 |     |    |    |                                  | 100  | 16500 | X   |                   | 27  | 40                | 10.500 |    |    |        |  |  |  |  |  |
|                         | 70    |       |     |                            |     |    | 70    |                                 |     |    |    |                                  | 70   | 18610 | -69 |                   | 27  | 40                | 12.000 |    |    |        |  |  |  |  |  |
|                         | 50    |       |     |                            |     |    | 50    |                                 |     |    |    |                                  | 50   | 20640 | -65 |                   | 27  | 40                | 13.500 |    |    |        |  |  |  |  |  |
| 30                      |       |       |     |                            |     | 30 |       |                                 |     |    |    | 30                               |      |       |     |                   |     | 16.000            |        |    |    |        |  |  |  |  |  |
| 20                      |       |       |     |                            |     | 20 |       |                                 |     |    |    | 20                               |      |       |     |                   |     | Estación          |        |    |    |        |  |  |  |  |  |
| 10                      |       |       |     |                            |     | 10 |       |                                 |     |    |    | 10                               |      |       |     |                   |     | Indicativo        |        |    |    |        |  |  |  |  |  |
|                         |       |       |     |                            |     |    |       |                                 |     |    |    |                                  |      |       |     |                   |     | Dia/hora          |        |    |    |        |  |  |  |  |  |
| Puntos notables         | 1006  | 9     | 25  |                            |     |    | 943   | 5                               | 10  |    |    |                                  | 1018 | 16    | 20  |                   |     |                   | Tierra |    |    |        |  |  |  |  |  |
|                         | 956   | 7     | 34  |                            |     |    | 902   | 2                               | 14  |    |    |                                  | 960  | 14    | 00  |                   |     |                   | 1.000  |    |    |        |  |  |  |  |  |
|                         | 820   | -3    | 00  |                            |     |    | 754   | -9                              | 06  |    |    |                                  | 938  | 16    |     |                   |     |                   | 1.500  |    |    |        |  |  |  |  |  |
|                         | 751   | -6    | 14  |                            |     |    | 720   | -10                             | 61  |    |    |                                  | 838  | 14    |     |                   |     |                   | 2.000  |    |    |        |  |  |  |  |  |
|                         | 683   | -12   | 00  |                            |     |    | 592   | -21                             | 02  |    |    |                                  | 720  | 8     |     |                   |     |                   | 3.000  |    |    |        |  |  |  |  |  |
|                         | 598   | -18   | 31  |                            |     |    | 548   | -23                             | 59  |    |    |                                  | 573  | -7    |     |                   |     |                   | 4.000  |    |    |        |  |  |  |  |  |
|                         | 418   | -40   | 42  |                            |     |    | 434   | -36                             | 17  |    |    |                                  | 370  | -31   |     |                   |     |                   | 5.500  |    |    |        |  |  |  |  |  |
|                         | 325   | -48   |     |                            |     |    | 360   | -47                             |     |    |    |                                  | 266  | -47   |     |                   |     |                   | 7.000  |    |    |        |  |  |  |  |  |
|                         | 184   | -48   |     |                            |     |    | 336   | -51                             |     |    |    |                                  | 230  | -49   |     |                   |     |                   | 9.000  |    |    |        |  |  |  |  |  |
|                         | 102   | -61   |     |                            |     |    | 271   | -55                             |     |    |    |                                  | 211  | -46   |     |                   |     |                   | 10.500 |    |    |        |  |  |  |  |  |
|                         | 92    | -59   |     |                            |     |    | 257   | -54                             |     |    |    |                                  | 130  | -65   |     |                   |     |                   | 12.000 |    |    |        |  |  |  |  |  |
|                         |       |       |     |                            |     |    | 172   | -53                             |     |    |    |                                  | 86   | -72   |     |                   |     |                   | 13.500 |    |    |        |  |  |  |  |  |
|                         |       |       |     |                            |     |    |       |                                 |     |    |    | 40                               | -61  |       |     |                   |     | 16.000            |        |    |    |        |  |  |  |  |  |
|                         |       |       |     |                            |     |    |       |                                 |     |    |    |                                  |      |       |     |                   |     | Estación          |        |    |    |        |  |  |  |  |  |
|                         |       |       |     |                            |     |    |       |                                 |     |    |    |                                  |      |       |     |                   |     | Indicativo        |        |    |    |        |  |  |  |  |  |
|                         |       |       |     |                            |     |    |       |                                 |     |    |    |                                  |      |       |     |                   |     | Dia/hora          |        |    |    |        |  |  |  |  |  |
| Presiones tipo          | 1.000 | 137   | 8   | 40                         | 24  | 12 | 1.000 | 160                             |     |    |    |                                  |      |       |     | 1.000             | 178 | 19                | 60     | 18 | 00 | Tierra |  |  |  |  |  |
|                         | 850   | 1454  | -1  | 31                         | 26  | 30 | 850   | 1492                            | 1   | 41 | 30 | 18                               | 850  | 1561  | 15  |                   | 29  | 10                | 1.000  |    |    |        |  |  |  |  |  |
|                         | 700   | 2969  | -12 | 48                         | 27  | 27 | 700   | 3021                            | -10 | 57 | 27 | 42                               | 700  | 3172  | 3   |                   | 28  | 30                | 1.500  |    |    |        |  |  |  |  |  |
|                         | 500   | 5450  | -31 | 62                         | 27  | 40 | 500   | 5530                            | -26 | 56 | 24 | 39                               | 500  | 5800  | -16 |                   | 28  | 32                | 2.000  |    |    |        |  |  |  |  |  |
|                         | 400   | 7000  | -38 | 61                         | 27  | 24 | 400   | 7110                            | -39 | 58 | 26 | 35                               | 400  | 7450  | -27 |                   | 28  | 36                | 3.000  |    |    |        |  |  |  |  |  |
|                         | 300   | 8930  | -50 |                            | 27  | 21 | 300   |                                 |     |    |    |                                  | 300  | 9470  | -41 |                   | 28  | 40                | 4.000  |    |    |        |  |  |  |  |  |
|                         | 250   | 10130 | -50 |                            | 27  | 18 | 250   |                                 |     |    |    |                                  | 250  | 10680 | -48 |                   | 28  | 60                | 5.500  |    |    |        |  |  |  |  |  |
|                         | 200   | 11600 | -47 |                            | 27  | 27 | 200   |                                 |     |    |    |                                  | 200  | 12150 | -48 |                   | 28  | 60                | 7.000  |    |    |        |  |  |  |  |  |
|                         | 150   |       |     |                            |     |    | 150   |                                 |     |    |    |                                  | 150  | 14020 | -54 |                   | 28  | 65                | 9.000  |    |    |        |  |  |  |  |  |
|                         | 100   |       |     |                            |     |    | 100   |                                 |     |    |    |                                  | 100  | 16520 | -70 |                   | 28  | 60                | 10.500 |    |    |        |  |  |  |  |  |
|                         | 70    |       |     |                            |     |    | 70    |                                 |     |    |    |                                  | 70   |       |     |                   |     |                   | 12.000 |    |    |        |  |  |  |  |  |
|                         | 50    |       |     |                            |     |    | 50    |                                 |     |    |    |                                  | 50   |       |     |                   |     |                   | 13.500 |    |    |        |  |  |  |  |  |
| 30                      |       |       |     |                            |     | 30 |       |                                 |     |    |    | 30                               |      |       |     |                   |     | 16.000            |        |    |    |        |  |  |  |  |  |
| 20                      |       |       |     |                            |     | 20 |       |                                 |     |    |    | 20                               |      |       |     |                   |     | Estación          |        |    |    |        |  |  |  |  |  |
| 10                      |       |       |     |                            |     | 10 |       |                                 |     |    |    | 10                               |      |       |     |                   |     | Indicativo        |        |    |    |        |  |  |  |  |  |
|                         |       |       |     |                            |     |    |       |                                 |     |    |    |                                  |      |       |     |                   |     | Dia/hora          |        |    |    |        |  |  |  |  |  |
| Puntos notables         | 1009  | 9     | 46  | 242                        | -50 |    | 945   | 7                               | 25  |    |    |                                  | 1017 | 19    | 42  |                   |     |                   | Tierra |    |    |        |  |  |  |  |  |
|                         | 900   | 2     | 00  | 200                        | -47 |    | 716   | -9                              | 57  |    |    |                                  | 714  | 5     |     |                   |     |                   | 1.000  |    |    |        |  |  |  |  |  |
|                         | 819   | -4    | 56  |                            |     |    | 681   | -10                             | 57  |    |    |                                  | 279  | -45   |     |                   |     |                   | 1.500  |    |    |        |  |  |  |  |  |
|                         | 758   | -8    | 19  |                            |     |    | 515   | -26                             | 56  |    |    |                                  | 228  | -50   |     |                   |     |                   | 2.000  |    |    |        |  |  |  |  |  |
|                         | 659   | -15   | 57  |                            |     |    | 502   | -25                             | 56  |    |    |                                  | 214  | -47   |     |                   |     |                   | 3.000  |    |    |        |  |  |  |  |  |
|                         | 636   | -19   | 52  |                            |     |    | 400   | -39                             | 58  |    |    |                                  | 134  | -57   |     |                   |     |                   | 4.000  |    |    |        |  |  |  |  |  |
|                         | 606   | -20   | 58  |                            |     |    |       |                                 |     |    |    |                                  | 94   | -72   |     |                   |     |                   | 5.500  |    |    |        |  |  |  |  |  |
|                         | 551   | -26   | 57  |                            |     |    |       |                                 |     |    |    |                                  |      |       |     |                   |     |                   | 7.000  |    |    |        |  |  |  |  |  |
|                         | 498   | -31   | 62  |                            |     |    |       |                                 |     |    |    |                                  |      |       |     |                   |     |                   | 9.000  |    |    |        |  |  |  |  |  |
|                         | 478   | -31   | 62  |                            |     |    |       |                                 |     |    |    |                                  |      |       |     |                   |     |                   | 10.500 |    |    |        |  |  |  |  |  |
|                         | 422   | -36   | 63  |                            |     |    |       |                                 |     |    |    |                                  |      |       |     |                   |     |                   | 12.000 |    |    |        |  |  |  |  |  |
|                         | 396   | -40   | 61  |                            |     |    |       |                                 |     |    |    |                                  |      |       |     |                   |     |                   | 13.500 |    |    |        |  |  |  |  |  |
| 314                     | -50   |       |     |                            |     |    |       |                                 |     |    |    |                                  |      |       |     |                   |     | 16.000            |        |    |    |        |  |  |  |  |  |

# INFORMACION SINOPTICA DE ESPAÑA

| iii | SYNOPS de 00 h.(T.M.G.) |       |       |   |                                   |       |       |       |   |                                   | SYNOPS de 06 h.(T.M.G.) |       |       |       |   |                                   |       |       |       |       | SYNOPS de 12 h.(T.M.G.)                                     |                                   |       |       |       |       |   |                                   |       |  | SYNOPS de 18 h.(T.M.G.) |  |  |  |  |  |  |  |  |  |
|-----|-------------------------|-------|-------|---|-----------------------------------|-------|-------|-------|---|-----------------------------------|-------------------------|-------|-------|-------|---|-----------------------------------|-------|-------|-------|-------|---|-----------------------------------|-------|-------|-------|-------|---|-----------------------------------|-------|--|-------------------------|--|--|--|--|--|--|--|--|--|
|     | Nddff                   | VVwww | PPPTT | N <sub>h</sub> C <sub>h</sub> M <sub>h</sub> C <sub>h</sub> | T <sub>g</sub> T <sub>g</sub> app | Nddff | VVwww | PPPTT | N <sub>h</sub> C <sub>h</sub> M <sub>h</sub> C <sub>h</sub> | T <sub>g</sub> T <sub>g</sub> app | 7RRTe                   | Nddff | VVwww | PPPTT | N <sub>h</sub> C <sub>h</sub> M <sub>h</sub> C <sub>h</sub> | T <sub>g</sub> T <sub>g</sub> app | 7RRTe | Nddff | VVwww | PPPTT | N <sub>h</sub> C <sub>h</sub> M <sub>h</sub> C <sub>h</sub> | T <sub>g</sub> T <sub>g</sub> app | 7RRTe | Nddff | VVwww | PPPTT | N <sub>h</sub> C <sub>h</sub> M <sub>h</sub> C <sub>h</sub> | T <sub>g</sub> T <sub>g</sub> app | 7RRTe |  |                         |  |  |  |  |  |  |  |  |  |
| 001 | 72014                   | 60028 | 83609 | 6848x   | 05207                             | 82015 | 60258 | 15407 | 6846x   | 05210                             | 70107                   | 72114 | 65818 | 16908 | 6946x   | 04004                             | 72107 | 60258 | 18708 | 794xx | 06117   | 80611                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 008 | 72208                   | 97028 | 12405 | 58570   | 03111                             | 72312 | 96818 | 14203 | 79400   | 02400                             | 70702                   | 72312 | 96808 | 15406 | 69400   | 03104                             | 62311 | 97158 | 16904 | 69400 | 03109   | 70408                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 042 | 61906                   | 60258 | 16206 | 68500   | 05223                             | 42506 | 60258 | 11505 | 48502   | 03403                             | 71104                   | 72610 | 65818 | 18405 | 69460   | 05405                             | 40000 | 65021 | 19504 | 39460 | 03208   | 70409                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 045 | 71808                   | 65028 | 15806 | 69501   | 06213                             | 52704 | 70028 | 16008 | 53500   | 04400                             | 71405                   | 42712 | 72031 | 17610 | 43500   | 05001                             | 60000 | 70029 | 19005 | 62500 | 03211   | 70610                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 053 |                         |       |       |   |                                   | 80000 | 97216 | 18004 | 864xx   | 03303                             | 70103                   | 72907 | 97818 | 19206 | 73400   | 02004                             | 72812 | 96818 | 20804 | 734xx | 00306   | 70309                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 014 | 32710                   | 86012 | 12612 | 14740   | 02211                             | 82203 | 84602 | 14009 | 8097x   | 02202                             | 79709                   | 42708 | 85021 | 15912 | 28741   | 00806                             | 22208 | 84020 | 17410 | 15730 | 01211   | 70014                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 023 | 71804                   | 97031 | 15010 | 40911   | 06214                             | 61804 | 97012 | 15809 | 40941   | 05400                             | 70009                   | 82106 | 97022 | 16812 | 68510   | 07105                             | 80000 | 97031 | 18810 | 885xx | 05308   | 70012                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 025 |                         |       |       |   |                                   | 52216 | 60022 | 14710 | 25640   | 01303                             | 70008                   | 52015 | 70022 | 15812 | 35670   | 01807                             | 70000 | 58258 | 17107 | 58570 | 06104   | 70312                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 027 | 82014                   | 80032 | 16110 | 6557x   | 02212                             | 52010 | 70012 | 14908 | 585xx   | 01001                             | 70008                   | 71806 | 80122 | 16610 | 4567x   | 02104                             | 82506 | 65632 | 17907 | 875xx | 05208   | 70112                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 029 |                         |       |       |   |                                   | 40000 | 75021 | 14108 | 15670   | 03602                             | 79407                   | 62306 | 80032 | 15013 | 25546   | 02811                             | 82310 | 65806 | 16510 | 855xx | 07212   | 79414                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 055 |                         |       |       |   |                                   |       |       |       |   |                                   |                         | 62712 | 70013 | 46904 | 38403   | 00203                             | 32710 | 62261 | 46901 | 34400 | 51205   | 70105                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 130 |                         |       |       |   |                                   | 82206 | 60022 | 38704 | 5562x   | 03703                             | 70203                   | 62707 | 60022 | 40007 | 34602   | 02001                             | 82710 | 56612 | 40705 | 6562x | 02201   | 70108                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 075 |                         |       |       |   |                                   |       |       |       |   |                                   |                         | 83204 | 97026 | 46603 | 853xx   | 01400                             | 62408 | 98022 | 48204 | 68400 | 01400   | 79306                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 141 | 22208                   | 97012 | 17204 | 15540   | 02203                             | 82210 | 97022 | 19002 | 855xx   | 01804                             | 79102                   | 52311 | 98012 | 18607 | 33402   | 02804                             | 22009 | 97011 | 19704 | 14562 | 01208   | 79108                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 148 |                         |       |       |   |                                   | 63104 | 96016 | 47902 | 67300   | 00507                             | 70300                   | 82704 | 96022 | 47903 | 873xx   | 01803                             | 50000 | 97012 | 47802 | 53402 | 51103   | 70004                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 202 | 62308                   | 65021 | 46004 | 48430   | 03209                             | 71904 | 65031 | 46004 | 35471   | 05805                             | 79603                   | 52616 | 70031 | 37607 | 58400   | 03801                             | 32214 | 70021 | 47503 | 34x00 | 01312   | 70008                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 210 |                         |       |       |   |                                   | 82704 | 98025 | 48602 | 8092x   | 01703                             | 79201                   | 72706 | 98022 | 48804 | 55601   | 02400                             | 70707 | 97032 | 47803 | 38420 | 00206   | 79706                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 213 |                         |       |       |   |                                   | 81802 | 97026 | 47303 | 5541x   | 02603                             | 70202                   | 62704 | 97032 | 47805 | 53401   | 02702                             | 72707 | 97032 | 47803 | 34820 | 00206   | 79706                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 215 |                         |       |       |   |                                   | 83602 | 93707 | 49451 | 870xx   | 53503                             | 70153                   | 83303 | 93227 | 49053 | 870xx   | 53804                             | 63406 | 95227 | 48454 | 65000 | 54101   | 70152                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 221 | 71804                   | 58022 | 18506 | 46540   | 05207                             | 80000 | 20414 | 19303 | 5634x   | 03400                             | 70303                   | 72406 | 50112 | 18708 | 55437   | 04803                             | 33008 | 70022 | 18207 | 28430 | 51305   | 70011                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 272 |                         |       |       |   |                                   | 80000 | 97022 | 20606 | 8097x   | 04500                             | 79705                   | 72706 | 97054 | 20407 | 14529   | 05704                             | 32703 | 97021 | 20507 | 14603 | 04203   | 70009                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 231 |                         |       |       |   |                                   | 83202 | 98022 | 49704 | 42582   | 04709                             | 70304                   | 82702 | 98022 | 49905 | 58520   | 04807                             | 53602 | 98012 | 48903 | 52500 | 02303   | 70007                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 232 |                         |       |       |   |                                   | 83602 | 98036 | 46703 | 874xx   | 01812                             | 70502                   | 82703 | 98032 | 47305 | 864xx   | 02711                             | 30000 | 98018 | 46501 | 31500 | 00400   | 79405                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 348 | 73207                   | 97022 | 20609 | 47523   | 07303                             | 72702 | 92031 | 21405 | 47523   | 03400                             | 79703                   | 82707 | 95032 | 22007 | 47523   | 05803                             | 72703 | 94022 | 20408 | 37523 | 04400   | 70009                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 280 | 72306                   | 62028 | 19908 | 55570   | 05801                             | 62306 | 62016 | 20206 | 25570   | 05711                             | 70205                   | 70000 | 57022 | 19706 | 37470   | 05808                             | 53006 | 62012 | 19706 | 35430 | 04400   | 70008                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 261 |                         |       |       |   |                                   | 72708 | 97022 | 19107 | 70970   | 05804                             | 70007                   | 62708 | 98021 | 19409 | 51540   | 06104                             | 72702 | 98252 | 20208 | 73600 | 01308   | 79713                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 330 | 62108                   | 60022 | 20109 | 68301   | 08202                             | 70000 | 56402 | 19806 | 77300   | 06705                             | 70006                   | 42714 | 60024 | 20511 | 32510   | 08703                             | 73420 | 60024 | 21309 | 5656x | 03218   | 79714                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 080 |                         |       |       |   |                                   | 22712 | 70011 | 16406 | 18500   | 00201                             | 79206                   | 82210 | 80022 | 17407 | 4853x   | 02000                             | 82004 | 58022 | 16307 | 884xx | 01400   | 70008                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 084 | 80000                   | 10105 | 18403 | 86400   | 03503                             | 60000 | 03444 | 18403 | 665xx   | 03401                             | 70203                   | 80000 | 00414 | 18803 | 38574   | 02807                             | 50000 | 58051 | 17806 | 30931 | 05400   | 70008                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 086 |                         |       |       |   |                                   | 70000 | 96021 | 19105 | 78400   | 03201                             | 70204                   | 72201 | 97031 | 18708 | 78500   | 03708                             | 70000 | 96015 | 18906 | 78500 | 04400   | 79708                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 094 |                         |       |       |   |                                   | 20000 | 50406 | 18104 | 25500   | 03809                             | 70404                   | 50000 | 07424 | 18105 | 56300   | 04808                             | 63402 | 65021 | 17005 | 65500 | 03605   | 70008                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 160 | 70204                   | 50216 | 18404 | 75500   | 04502                             | 20906 | 04426 | 18403 | 25500   | 03504                             | 70102                   | 91004 | 00454 | 18803 | 9x0xx   | 03804                             | 72908 | 30404 | 17505 | 15645 | 04501   | 70007                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 233 | 70000                   | 98636 | 35704 | 6557x   | 03701                             | 70000 | 98022 | 35803 | 5556x   | 02508                             | 79700                   | 70000 | 98022 | 36306 | 38568   | 02012                             | 40000 | 98012 | 35602 | 38540 | 00507   | 79706                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 171 |                         |       |       |   |                                   | 70000 | 95106 | 18704 | 75600   | 03603                             | 79303                   | 90000 | 93454 | 19105 | 9x0xx   | 05806                             | 80000 | 95104 | 17505 | 874xx | 05706   | 70007                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 183 |                         |       |       |   |                                   | 60000 | 10606 | 15909 | 44640   | 08729                             | 70205                   | 30000 | 60011 | 15414 | 12640   | 06400                             | 60000 | 50032 | 14212 | 42640 | 07502   | 70015                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 180 |                         |       |       |   |                                   | 10000 | 95055 | 17111 | 12x01   | 09505                             | 79711                   | 70408 | 59051 | 15812 | 24505   | 04818                             | 33608 | 95054 | 15911 | 30940 | 05303   | 70014                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 181 | 71910                   | 80022 | 19412 | 78500   | 10709                             | 53410 | 40102 | 17008 | 78500   | 06720                             | 79707                   | 73510 | 58052 | 16712 | 00978   | 06711                             | 73305 | 59022 | 16109 | 24678 | 05206   | 70013                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 175 |                         |       |       |   |                                   | 40000 | 55055 | 18005 | 25402   | 05708                             | 79906                   | 70000 | 70031 | 16912 | 48530   | 07812                             | 50000 | 65021 | 17209 | 29532 | 08400   | 70012                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 238 |                         |       |       |   |                                   | 13403 | 93466 | 17106 | 146xx   | 06707                             | 79606                   | 63603 | 95044 | 15810 | 11640   | 07720                             |       |       |       |       |   |                                   |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 286 |                         |       |       |   |                                   | 70000 | 96052 | 18208 | 22592   | 05805                             | 70007                   | 80000 | 96052 | 18312 | 3557x   | 08807                             | 80000 | 96052 | 17111 | 3457x | 06606   | 70014                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 285 | 60000                   | 58052 | 18708 | 2557x   | 07711                             | 10000 | 59052 | 18005 | 25551   | 03706                             | 70004                   | 82612 | 75022 | 17613 | 3857x   | 06716                             | 72610 | 75022 | 16612 | 38572 | 05304   | 70014                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 358 | 70000                   | 97031 | 20208 | 209x6   | 07605                             | 72908 | 96012 | 18707 | 25576   | 06709                             | 70007                   | 73612 | 98012 | 17416 | 15575   | 05823                             | 73606 | 97012 | 16513 | 35570 | 07005   | 70017                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 429 |                         |       |       |   |                                   | 60000 | 70031 | 19104 | 20935   | 03609                             | 70004                   |       |       |       |   |                                   | 53302 | 80015 | 16512 | 15630 | 07400   | 79715                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 433 | 01802                   | 65000 | 20208 | 00900   | 07x03                             | 62402 | 65031 | 18705 | 00906   | 04713                             | 70002                   | 82702 | 59054 | 18613 | 40357   | 10713                             | 62004 | 59025 | 16810 | 38570 | 10400   | 70114                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 391 | 90000                   | 00456 | 23811 | 9x0xx   | 11107                             | 30000 | 52024 | 22808 | 37300   | 08710                             | 70008                   | 70000 | 59284 | 23809 | 66270   | 09003                             | 50000 | 60021 | 23413 | 28570 | 11307   | 70015                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 410 | 80000                   | 56026 | 20011 | 873xx   | 11203                             | 90000 | 01454 | 20309 | 9x0xx   | 09400                             | 70509                   | 80000 | 28404 | 20309 | 872xx   | 09400                             |       |       |       |       |   |                                   |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 420 | 40000                   | 60012 | 19108 | 40930   | 07400                             | 80000 | 60022 | 17506 | 87520   | 05605                             | 79205                   | 83608 | 56052 | 15708 | 87520   | 07819                             | 43212 | 85011 | 15807 | 48500 | 04505   | 79710                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 383 |                         |       |       |   |                                   | 83204 | 96022 | 19708 | 00905   | 00807                             | 70008                   | 83202 | 97022 | 20312 | 80970   | 10400                             | 83204 | 95626 | 20611 | 875xx | 08317   | 70215                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 451 | 20000                   | xxxxx | 22010 | xxxxx   | 10311                             | 80000 | 50101 | 21306 | 15552   | 06708                             | 79706                   | 83310 | 58052 | 20910 | 35670   | 10704                             | 30000 | 65012 | 21311 | 15530 | 11310   | 70013                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 452 |                         |       |       |   |                                   | 50406 | 65021 | 19311 | 00904   | 09400                             | 70011                   | 83406 | 65022 | 19312 | 6552x   | 09300                             | 13604 | 70011 | 18514 | 12500 | 10505   | 70014                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 458 |                         |       |       |   |                                   | 73608 | 97026 | 18913 | 26370   | 11607                             | 70312                   | 83205 | 98022 | 20614 | 38520   | 09207                             | 73205 | 98021 | 21013 | 28470 | 09211   | 70016                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 482 | 80000                   | 58502 | 21612 | 872xx   | 12400                             | 63210 | 56026 | 19612 | 65500   | 11817                             | 79712                   | 82710 | 62032 | 18715 | 45640   | 09813                             | 63212 | 65022 | 17813 | 35530 | 07308   | 70015                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 488 | 13608                   | 65020 | 20710 | 16400   | 09709                             | 33610 | 65030 | 18609 | 00930   | 08712                             | 70009                   | 80000 | 60616 | 17914 | 4557x   | 11816                             | 50000 | 65016 | 16512 | 39530 | 11400   | 70215                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 306 | 40000                   | 62021 | 21408 | 35505   | 06804                             | 50000 | 62021 | 19207 | 35575   | 07819                             | 70005                   | 62214 | 65012 | 18215 | 38504   | 11813                             | 63008 | 65021 | 16712 | 15576 | 09805   | 70016                             |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |
| 314 | 40000                   | 60021 | 19808 | 48500   | 07707                             | 61906 | 60031 | 18711 | 25408   | 09711                             | 700                     |       |       |       |   |                                   |       |       |       |       |   |                                   |       |       |       |       |   |                                   |       |  |                         |  |  |  |  |  |  |  |  |  |