



# MINISTERIO DEL AIRE

## Boletín diario del Servicio Meteorológico Nacional

AÑO XVIII  
2.ª EPOCA

MADRID, MIÉRCOLES 31 DE DICIEMBRE DE 1969

Núm. 365.

CENTRO DE ANALISIS Y PREDICCIÓN (Ciudad Universitaria) - APARTADO 285 - MADRID. - Teléf. 2 44 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 |              |  |
| La Coruña        | 9           | 3    | ip            | ip  | 3.0          | Navacerrada (*) | X           | -8   | 1             | X   | 0.0          | Castellón              | 13          | 4    |               | ip  | 3.1          | MAXIMA: 15° en Sevilla,<br>Huelva y Murcia.<br><br>MINIMA: 9° bajo cero en<br>Soria. |
| Monteventoso     |             | 5    |               |     |              | Madrid/Barajas  | 4           | -2   | 1             | 4   | 1.0          | Valencia (A)           | 13          | 2    |               | ip  | 4.2          |  |
| Bares            |             |      |               |     |              | Madrid          | 4           | 1    | 1             | 7   | 3.6          | Valencia               | 14          | 5    |               | ip  | 3.3          |  |
| Lugo (P. Centro) | 6           | 0    |               |     | 7.2          | Madrid/C. Vent. | 4           |      | X             | 8   |              | Alicante (A)           | 15          | 6    | ip            |     | 0.9          |  |
| Finisterre       |             |      |               |     |              | Getafe          | 6           |      | X             | 2   |              | Alicante               | 14          | 7    |               |     | 0.6          |  |
| Santiago (A)     | 7           | 2    | 1             | ip  | 1.1          | Guadalajara     | 6           | 0    | 4             | 2   |              | Murcia/Alcant.         | 14          | 6    |               |     | 1.2          |  |
| Pontevedra       |             | 6    | 4             |     |              | Toledo          | 8           | 3    | ip            | 1   | 5.1          | Murcia                 | 15          | 7    |               |     | 1.7          |  |
| Vigo (A)         | 6           | 2    | 6             | 14  |              | Cuenca          | 3           | -4   | 1             | 6   | 2.5          | Castillo Galeras       | 12          | 9    | ip            |     |              |  |
| Vigo             | 8           | 4    | 2             | 11  |              | Molina de Arag. |             | -5   |               | X   | 1.0          | San Javier             | X           | 7    | ip            |     | 0.5          |  |
| Orense           |             |      |               |     |              | Ciudad Real     | 7           |      | 2             | 5   | 4.6          |                        |             |      |               |     |              |  |
| Ponferrada       | 6           | 2    | 1             | 1   | 1.9          | Albacete (A)    | 8           |      |               |     | 3.0          |                        |             |      |               |     |              |  |
|                  |             |      |               |     |              | Cáceres         | 8           |      |               | 2   |              |                        |             |      |               |     |              |  |
|                  |             |      |               |     |              | Badajoz (A)     | 12          | 5    | 3             | 2   | 4.5          | Sevilla (A)            | 15          | 3    | ip            | 1   | 0.2          |  |
| Asturias (A)     | 10          | 0    |               |     | 6.6          | Vitoria (A)     | 2           | -3   |               | ip  |              | Córdoba (A)            |             | 6    | 3             |     | 8.4          |  |
| Gijón            | 12          | 3    |               |     | 6.4          | Logroño         | 1           | X    |               | ip  |              | Jaén                   |             | 4    | 7             |     |              |  |
| Santander (A)    | 11          | 0    |               |     |              | Logroño (A)     | 1           | -4   |               | 1   |              | Granada (A)            | 9           | 3    | 8             | 2   | 0.0          |  |
| Santander        | 10          | 3    |               |     | 0.2          | Pamplona        |             | -2   |               |     | 0.0          | Huelva                 | 15          | 7    | ip            | 1   | 0.2          |  |
| Punta Galea      |             |      |               |     |              | Huesca/Monfl.   | 2           | -6   |               |     | 0.0          | Jerez de la F.ª (A)    | 14          | 8    | 16            | 7   |              |  |
| Bilbao (A)       | 9           | 0    |               |     | 0.2          | Candanchú (*)   | -2          | -9   |               |     |              | Cádiz                  | 14          | 12   | 5             | 6   |              |  |
| S. Sebastián/Ig. | 8           | 1    |               |     |              | Veruela         |             |      |               |     |              | San Fernando           | 14          | 9    | 8             | 2   | 0.2          |  |
| S. Sebastián (A) | 9           | -1   |               |     | 0.0          | Daroca          |             | -1   |               |     | 1.8          | Tarifa                 | 15          | 10   | 24            | 6   | 0.0          |  |
| León (A)         | 1           | -2   | 7             |     | 1.5          | Zaragoza (A)    | -1          | -4   |               |     | 0.0          | Málaga (A)             | 14          | 8    | 20            | 2   | 0.0          |  |
| Zamora           | 7           | 1    | 1             | ip  |              | Zaragoza        | 0           | -3   |               |     |              | Almería (A)            | 13          | 9    | 5             |     | 0.0          |  |
| Palencia         | 5           |      |               | ip  |              | Calamocha       | 4           | -9   |               | 1   | 3.0          |                        |             |      |               |     |              |  |
| Burgos (A)       | 3           | -2   | ip            | 2   | 0.0          | Teruel          | 5           | -4   |               | 1   |              | Palma de M.ª (A)       | 12          | 8    |               |     | 0.0          |  |
| Burgos           |             | -3   | 2             |     | 0.0          |                 |             |      |               |     |              | Mahón (A)              | 13          | 8    |               | ip  | 0.0          |  |
| Valladolid (A)   | 3           | -3   | 1             | 1   | 0.2          | Lérida          | 2           | 0    |               |     | 0.0          | Ibiza (A)              | 14          | 11   | ip            |     | 0.1          |  |
| Valladolid       | 5           | 0    | 1             | ip  | 2.4          | Montseny (*)    |             | -8   |               |     | 0.0          | S.ª C. de la Palma (A) | 18          | 14   |               |     | 1.4          |  |
| Soria            | 2           | -9   |               |     | 2.3          | Gerona (A)      | 10          | -1   | 2             |     | 0.0          | Izaña (*)              | 9           | 2    |               |     | 2.5          |  |
| Salamanca (A)    | 5           | 0    |               | ip  | 4.0          | Cabo Bagur      |             | -12  |               |     | 0.0          | S.ª C. de Tenerife (A) | 16          | 9    |               | ip  | 6.3          |  |
| Avila            | 2           | -2   | 1             |     | 5.2          | La Molina (*)   |             | 4    |               |     | 0.0          | S.ª C. de Tenerife     | 20          | 15   | ip            | 3   | 2.5          |  |
| Segovia          | 4           | 0    | ip            | 1.9 | Barcelona    |                 | 4           |      |               |     | 0.0          | Las Palmas (A)         | 21          | 13   |               |     | 4.8          |  |
|                  |             |      |               |     |              | Barcelona (A)   | 10          | 3    |               |     | X            | Fuerteventura (A)      | 22          | 14   |               |     | 3.2          |  |
|                  |             |      |               |     |              | Reus (A)        | 11          |      |               |     |              | Lanzarote (A)          | 20          | 12   | ip            | ip  | 2.0          |  |
|                  |             |      |               |     |              | Tarragona       | 11          | 3    |               |     | 0.4          | Ceuta                  |             |      |               |     |              |  |
|                  |             |      |               |     |              | Tortosa         | 13          | 3    |               |     | 3.2          | Melilla                | 14          | 10   | 3             |     | 2.5          |  |
|                  |             |      |               |     |              |                 |             |      |               |     |              | V. Cisneros (A)        | 24          | 16   |               |     | 4.0          |  |

OBSERVACIONES DE MADRID  
(Parque del Retiro)

TEMPERATURAS  
Máx. 4,2 a 16,00 h.  
Mín. 0,8 a 1,00 h.  
a 1 h. 0,8 a 13 h. 3,6  
a 7 h. 1,0 a 18 h. 3,2

PRESIONES  
Máx. 692,0 mm. a 18,00 hoy  
Mín. 690,2 mm. a 18,00 ayer  
a 1 h. 691,0 a 13 h. 691,0  
a 7 h. 691,5 a 18 h. 692,0

VIENTO  
Veloc. máx. 5 m/s. a 12,20h.  
Dirección: Noroeste.  
Recorrido en 24 horas 97 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.

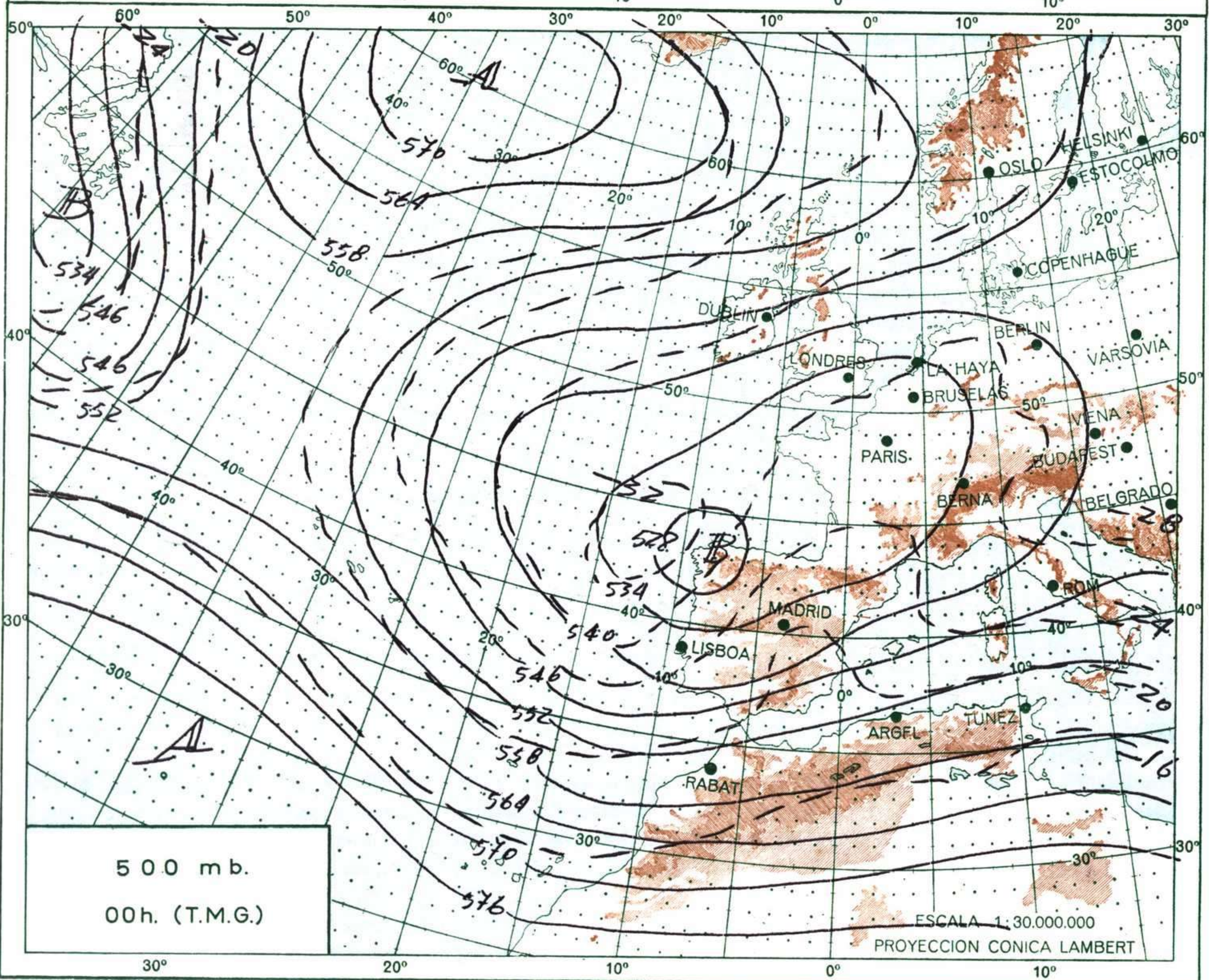
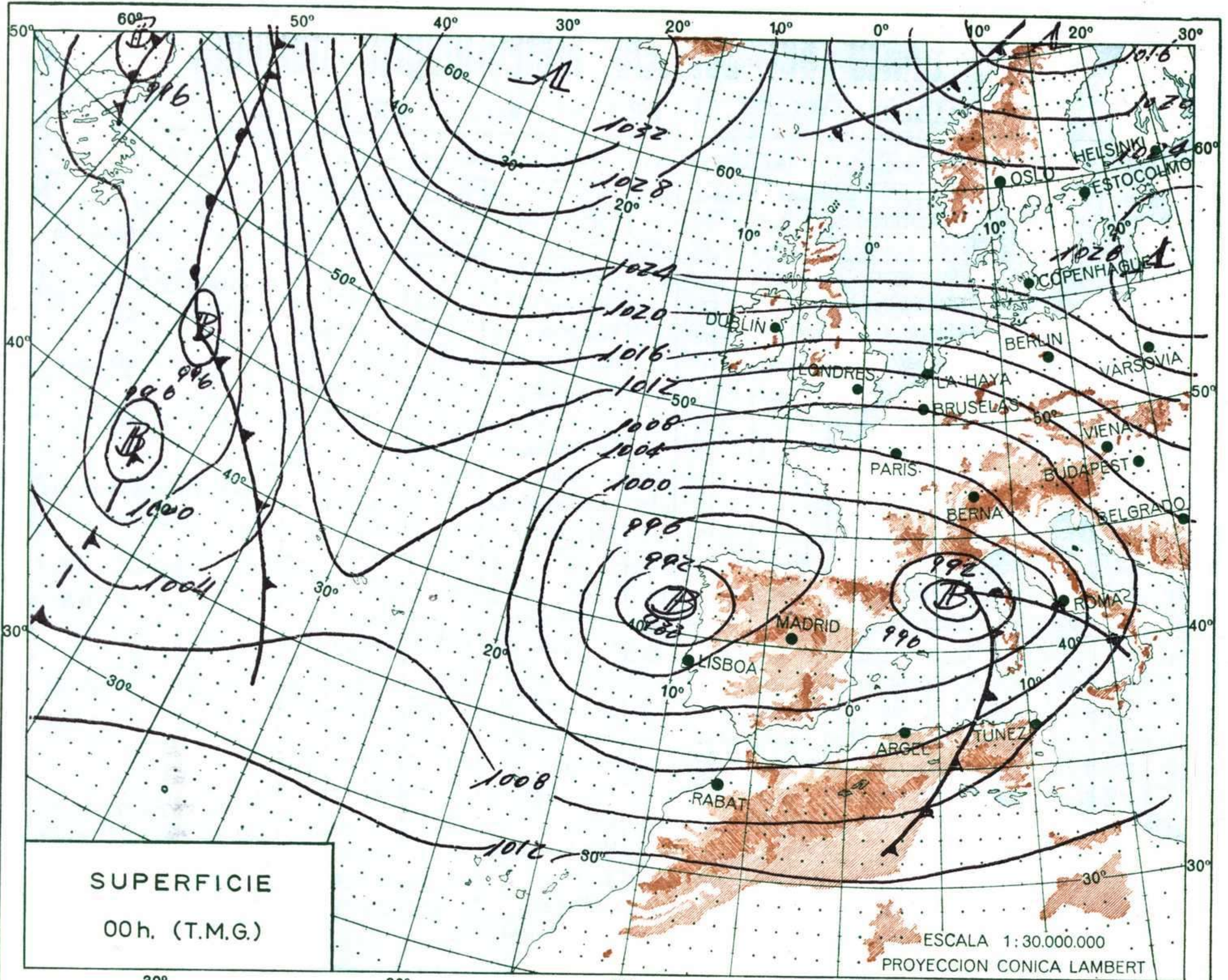
### INFORMACION GENERAL DE LAS ULTIMAS 24 HORAS (DE 19 HORAS DE AYER A 19 HORAS DE HOY, HORA OFICIAL).

En la pasada noche se registraron precipitaciones moderadas o débiles en Galicia, Duero, meseta meridional, Andalucía, Sudeste y Baleares, Ceuta y Melilla y puntos de Canarias. Durante el día se han registrado precipitaciones moderadas en Castilla la Nueva, Extremadura, Andalucía y sur de Galicia y débiles en la meseta septentrional y en puntos aislados del norte de Galicia, cuenca del Ebro, Valencia y Baleares. Las precipitaciones han sido de nieve, en general, en altitudes superiores a 700 metros. En el resto de la Península el cielo estuvo nuboso. En Canarias ha habido nubosidad variable y se han producido algunas lluvias en la isla de Tenerife.

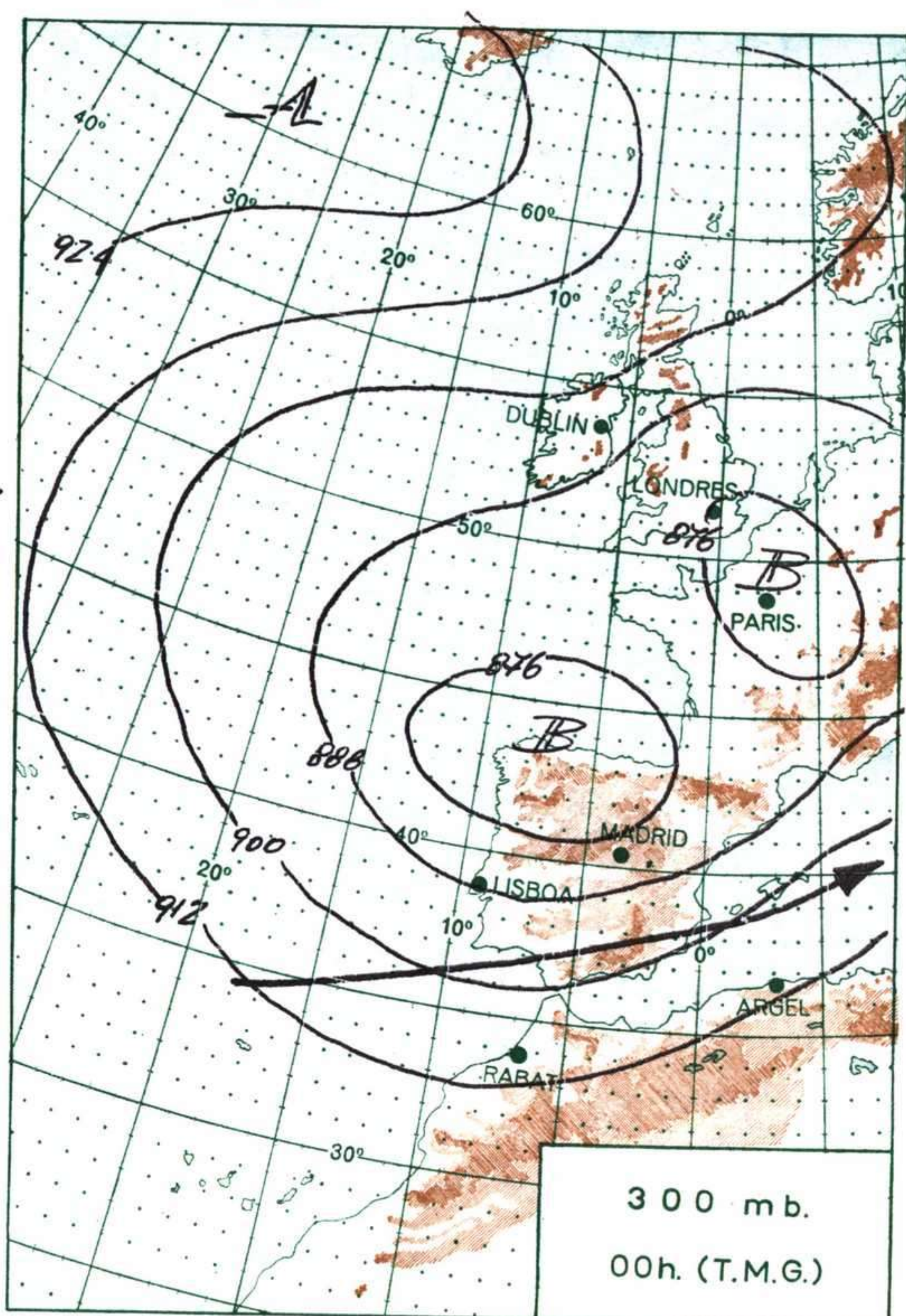
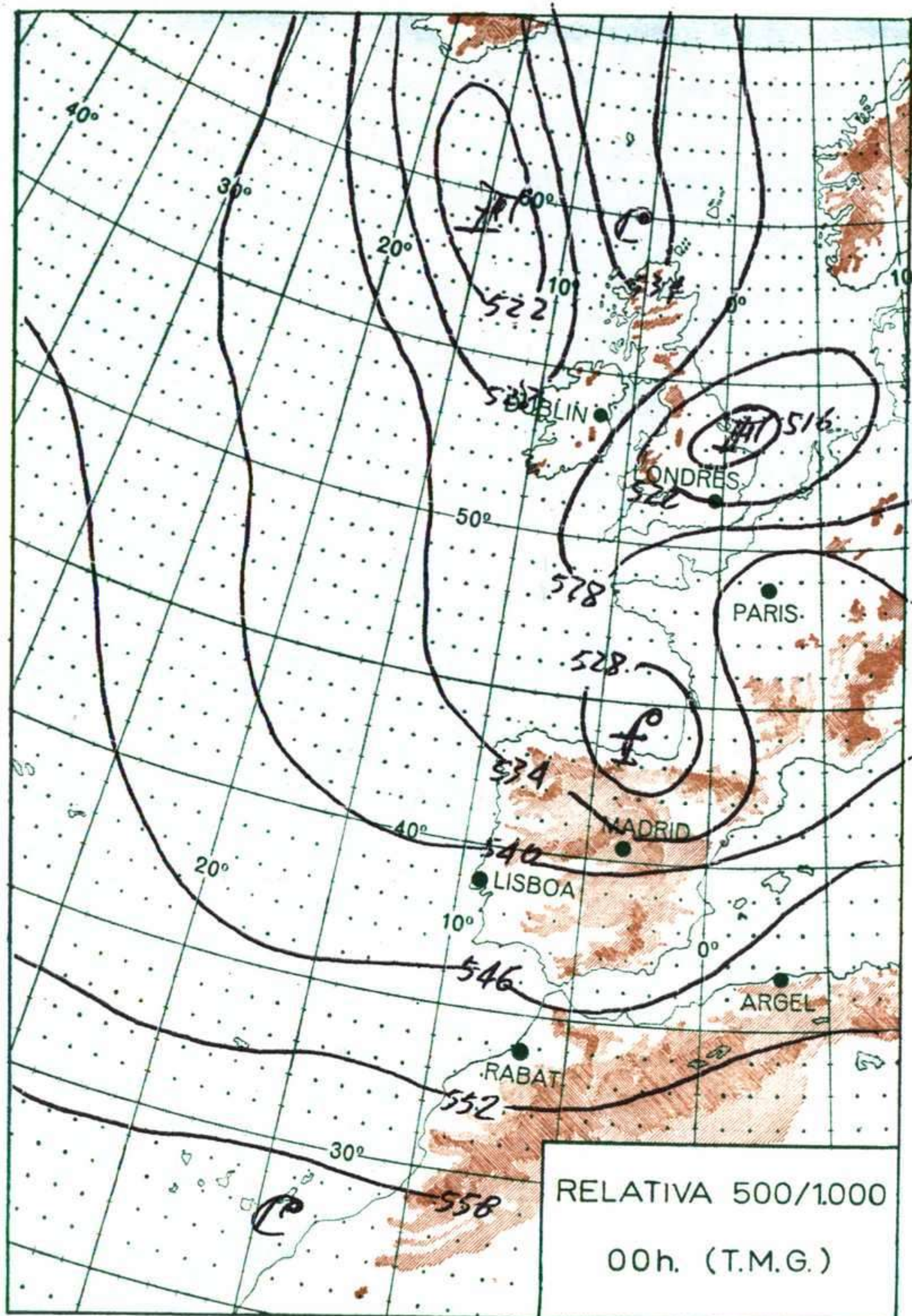
### PREDICCIÓN PARA EL JUEVES DIA 1.

Continuará la inestabilidad en toda la Península con precipitaciones aisladas, más probables y frecuentes, en Centro, Andalucía y La Mancha y con tendencia a extenderse hacia las regiones mediterráneas. Serán de nieve en los sistemas montañosos y, en general, en altitudes superiores a 600 metros. Las temperaturas se mantendrán bajas. En Canarias cielo nuboso con riesgo de algún chubasco.









ALTITUDES

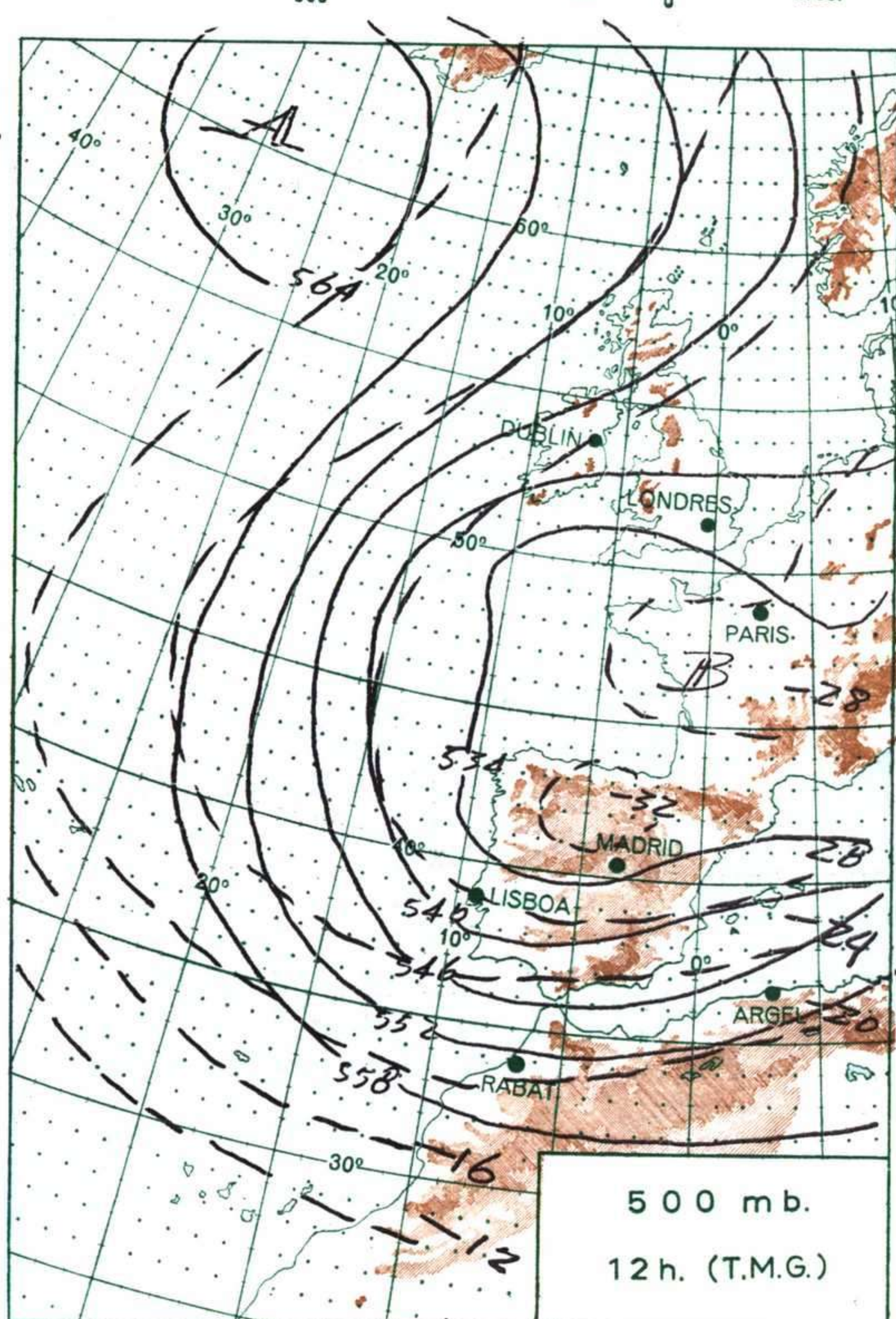
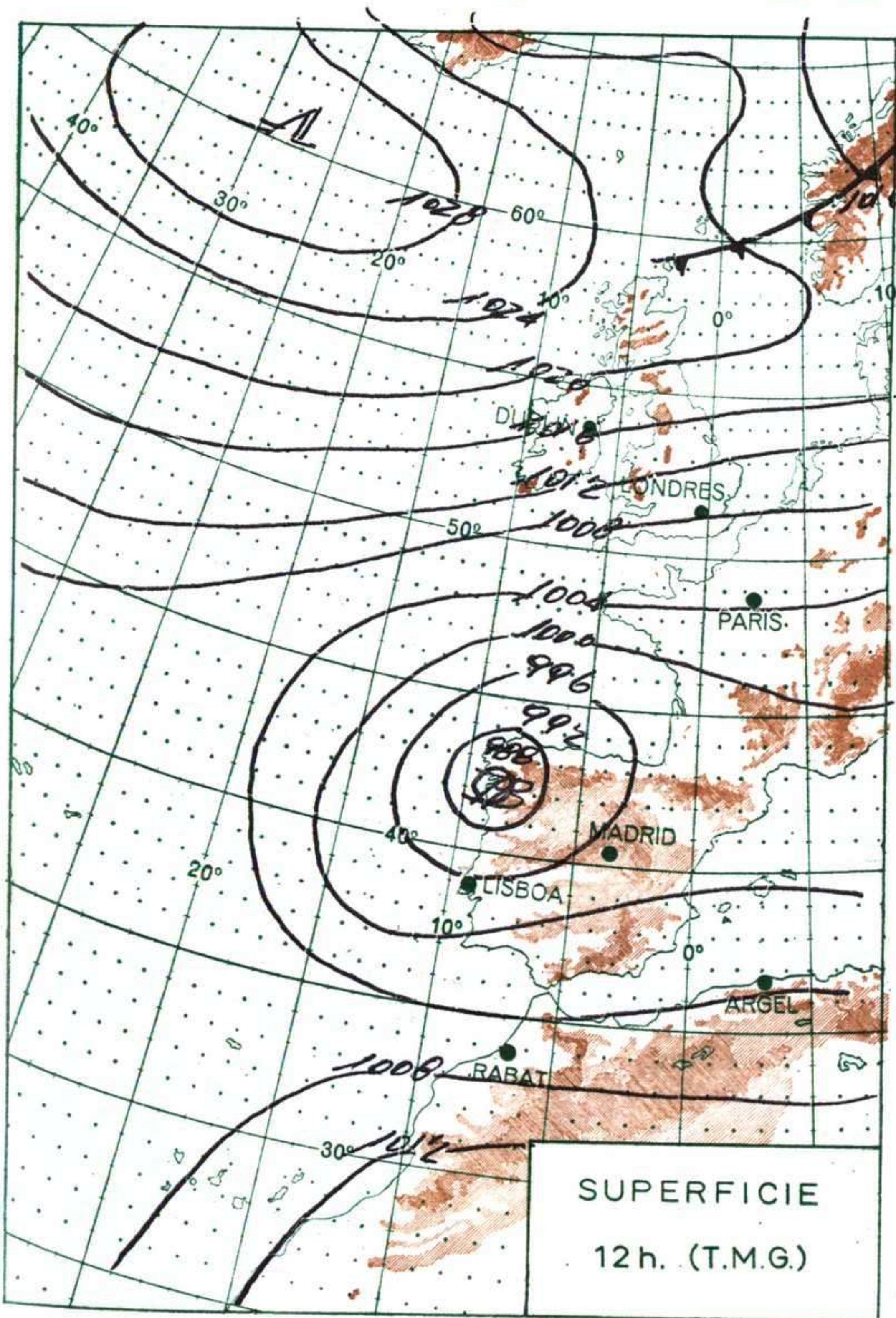
>2000  
2000

2000  
1000

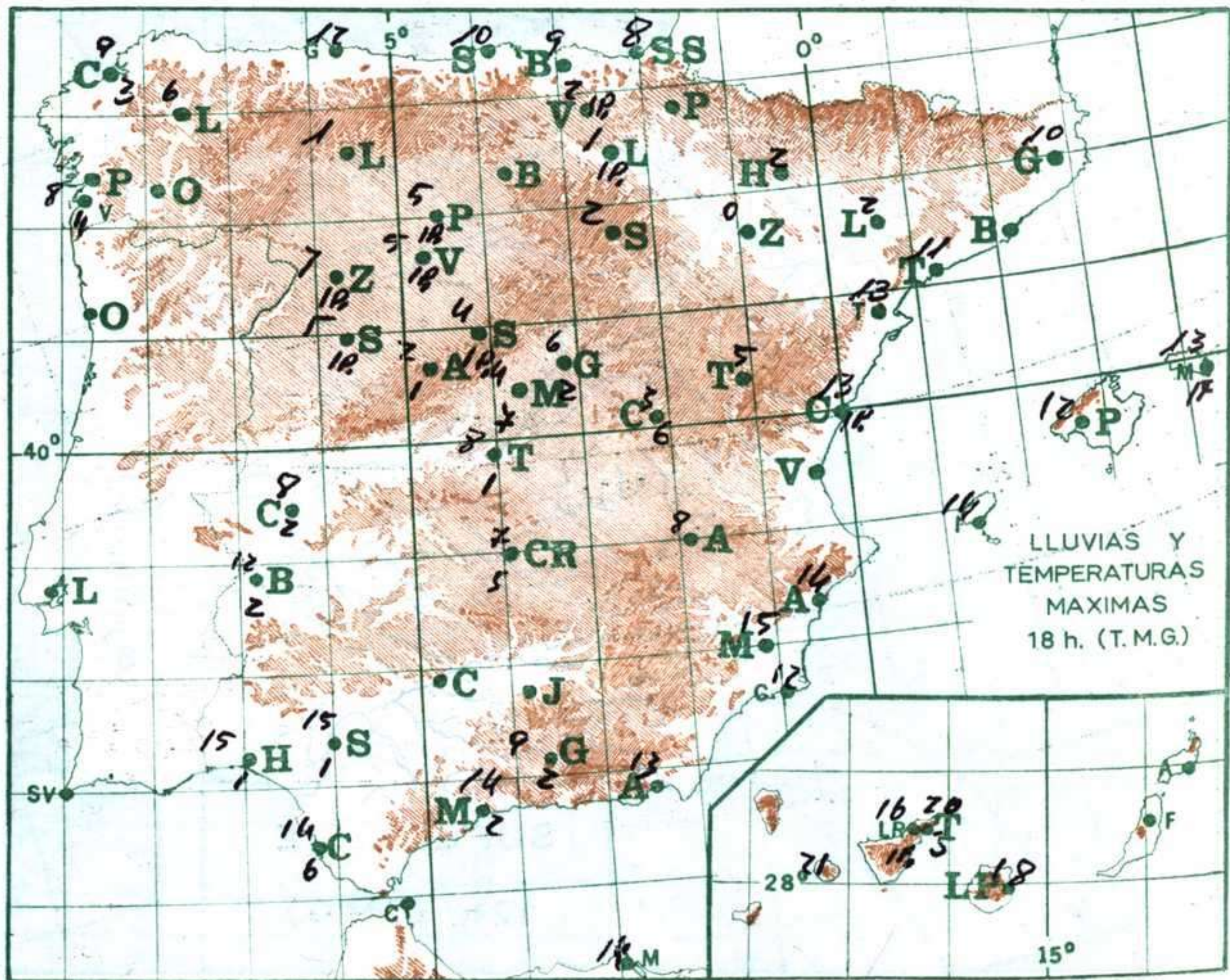
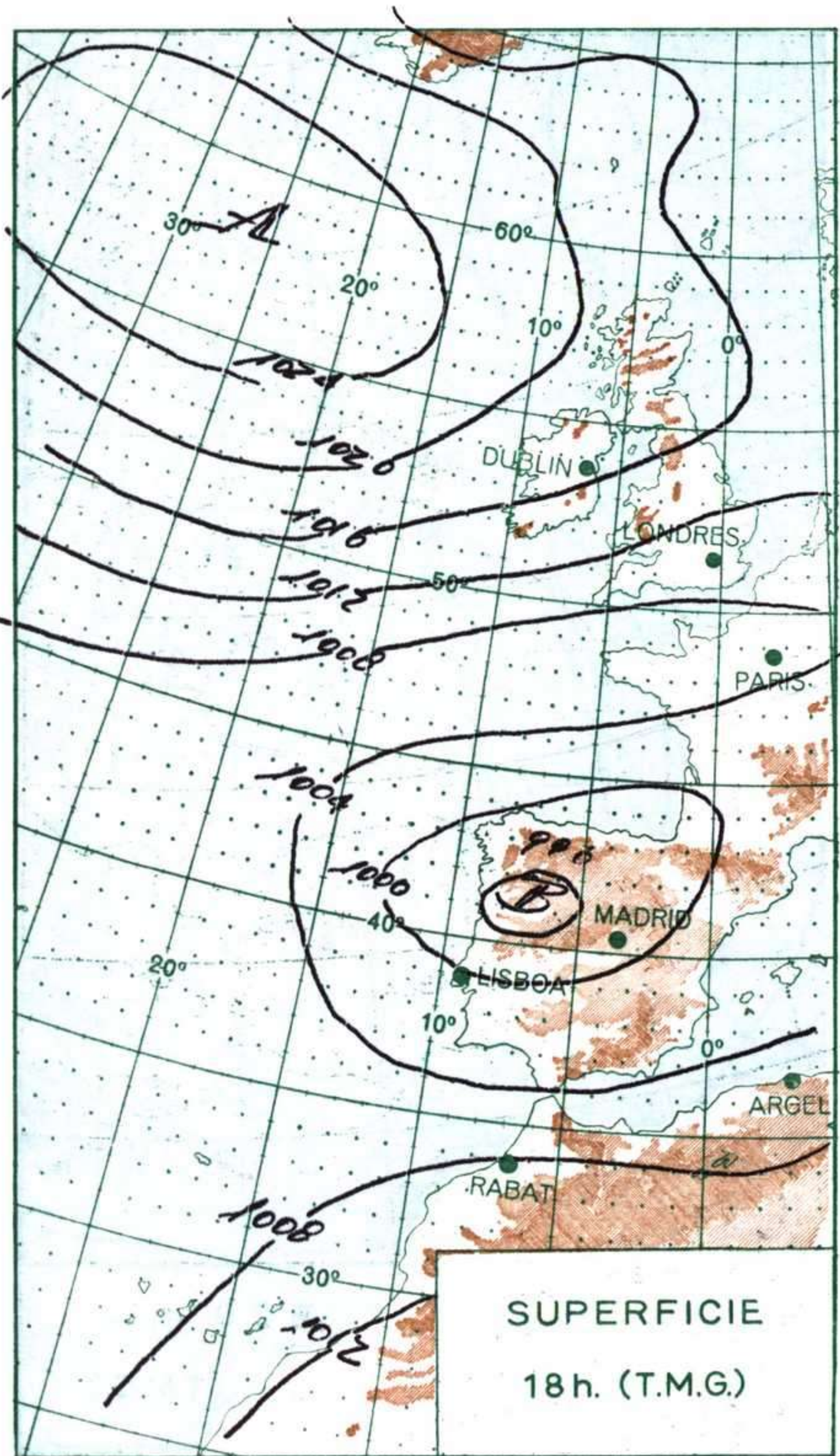
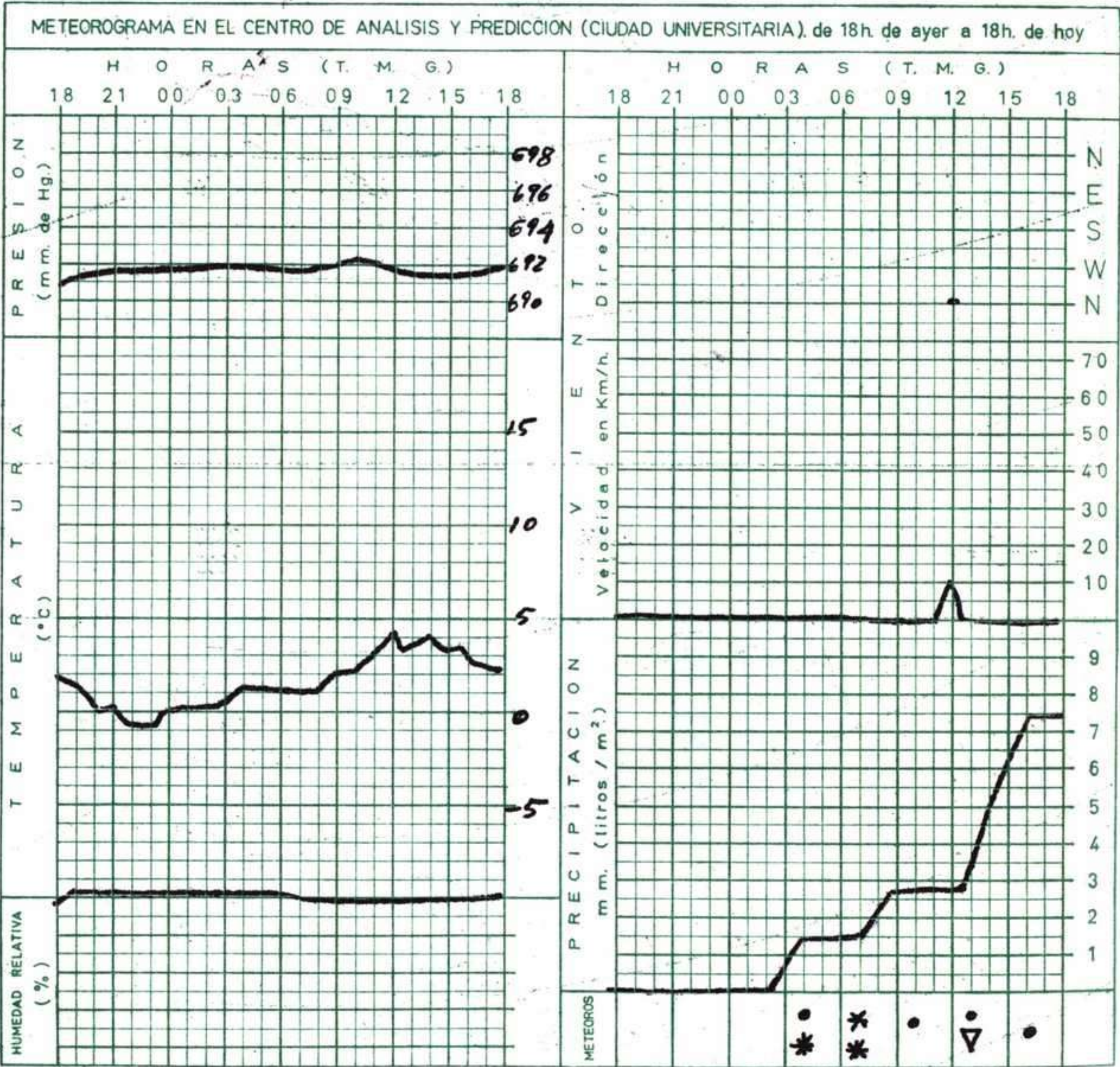
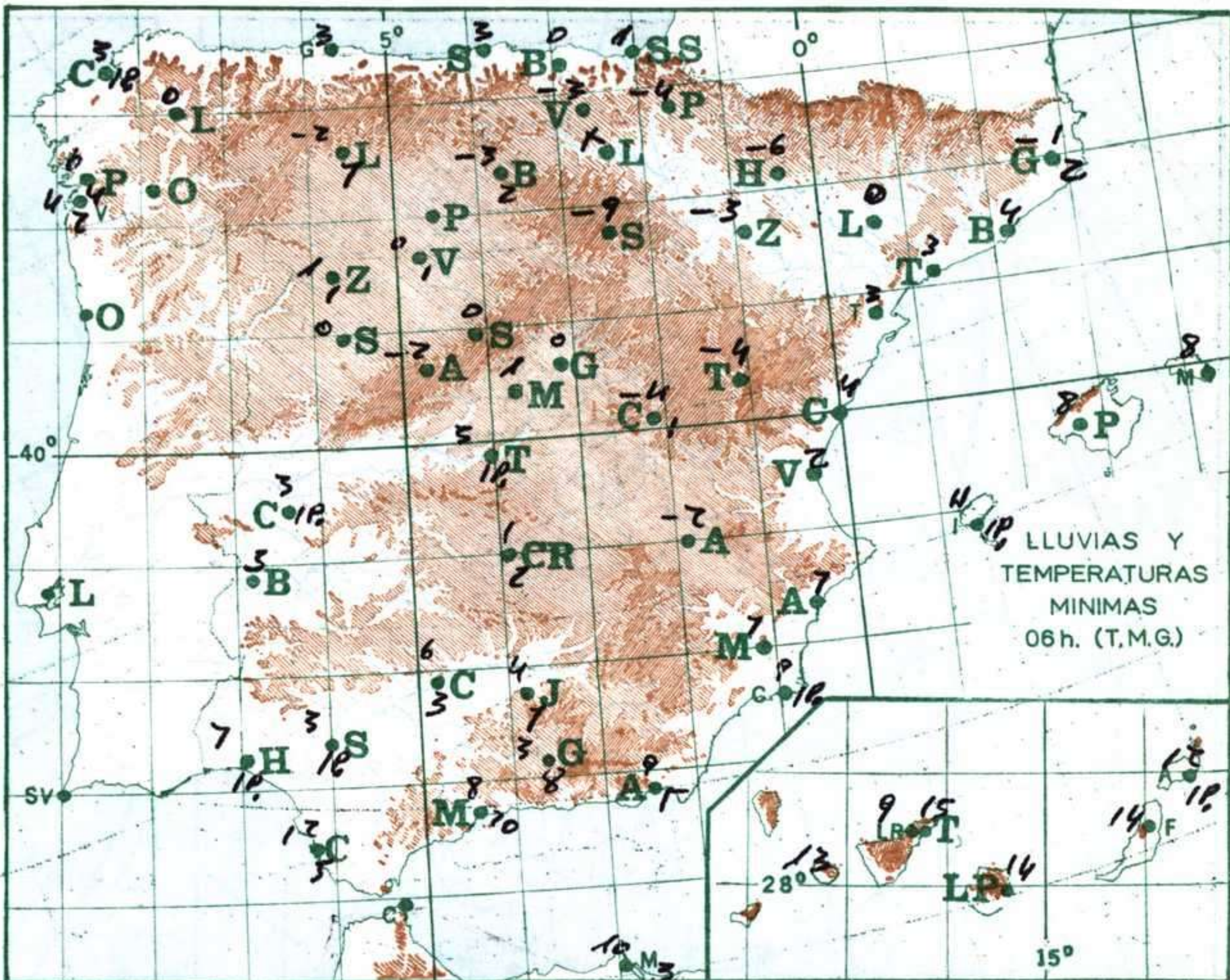
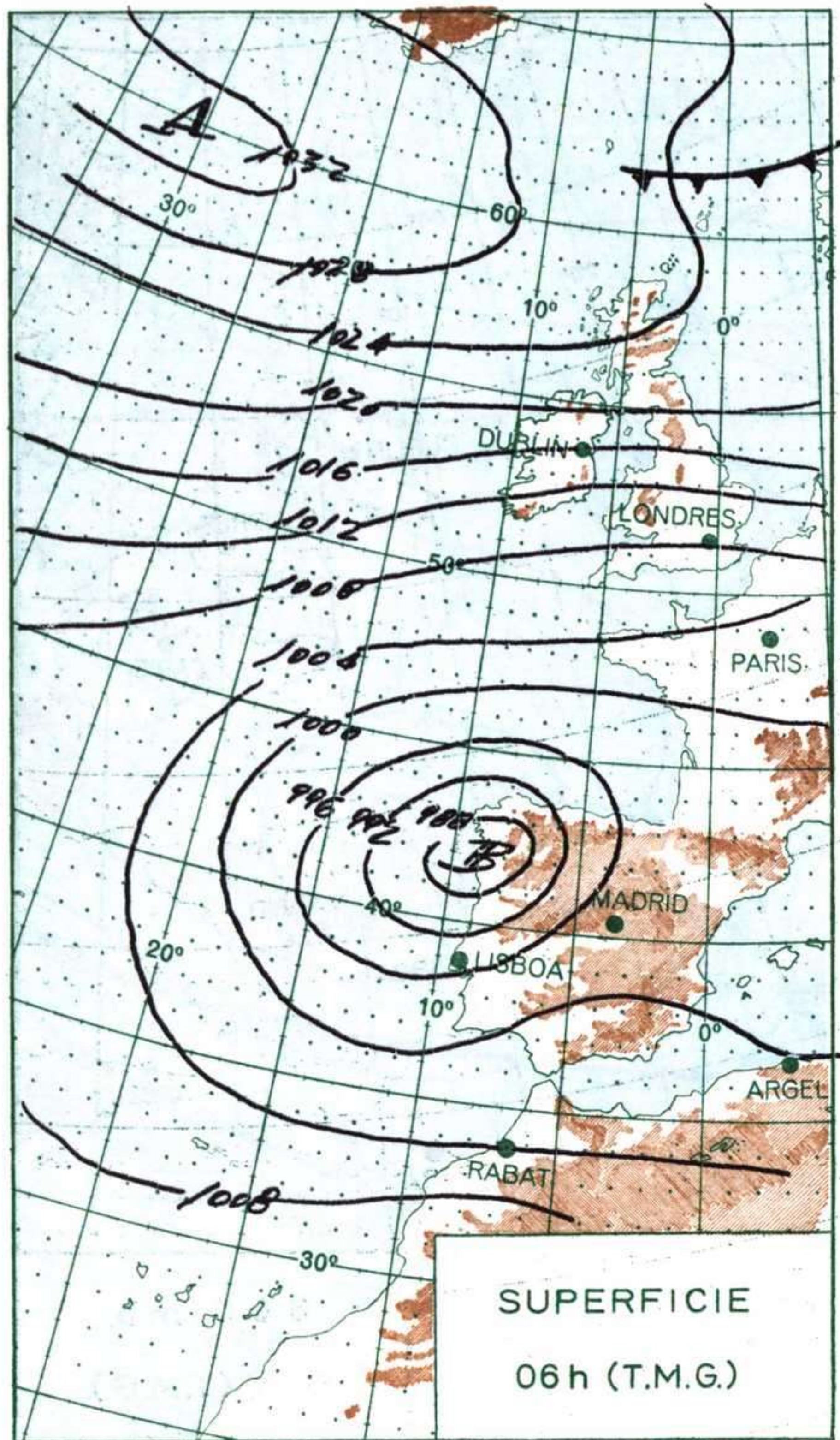
1000  
500

500  
0

Mts.









R A D I O S O N D E O S

| La Coruña — 08 001   |       |     |            | Zaragoza — 08 159    |     |    |           | Madrid/Barajas — 08 221 |       |     |           | Palma/Son Bonet — 08 302 |       |     |           | Sta. C. Tenerife — 60 020 |       |     |            |
|----------------------|-------|-----|------------|----------------------|-----|----|-----------|-------------------------|-------|-----|-----------|--------------------------|-------|-----|-----------|---------------------------|-------|-----|------------|
| Sondeo a 00 h. (TMG) |       |     |            | Sondeo a 00 h. (TMG) |     |    |           | Sondeo a 00 h. (TMG)    |       |     |           | Sondeo a 00 h. (TMG)     |       |     |           | Sondeo a 00 h. (TMG)      |       |     |            |
| Presiones tipo       |       |     |            | Presiones tipo       |     |    |           | Presiones tipo          |       |     |           | Presiones tipo           |       |     |           | Presiones tipo            |       |     |            |
| PPP                  | hhh   | TT  | DD dd ff   | PPP                  | hhh | TT | DD dd ff  | PPP                     | hhh   | TT  | DD dd ff  | PPP                      | hhh   | TT  | DD dd ff  | PPP                       | hhh   | TT  | DD dd ff   |
| 1000                 | -69   |     |            | 1000                 |     |    |           | 1000                    | -4    |     |           | 1000                     | 15    |     |           | 1000                      | 103   | 16  | 44 35 08   |
| 850                  | 1235  | -1  | 14 13 17   | 850                  |     |    |           | 850                     | 1302  | -2  | 24 28 09  | 850                      | 1352  | 4   | 56 25 27  | 850                       | 1537  | 13  | 26 29 10   |
| 700                  | 2765  | -12 | 27 12 17   | 700                  |     |    |           | 700                     | 2820  | -11 | 28 11     | 700                      | 2900  | -6  | 65 24 39  | 700                       | 3053  | 0   | 10 26 18   |
| 500                  | 5240  | -32 | 49 16 23   | 500                  |     |    |           | 500                     | 5310  | -20 |           | 500                      | 5450  | -23 | 25 05     | 500                       | 5680  | -16 | 00 27 30   |
| 400                  | 6780  | -45 | 17 12      | 400                  |     |    |           | 400                     | 6860  | -44 | 19 03     | 400                      | 7040  | -36 |           | 400                       | 7320  | -28 | 22 26 40   |
| 300                  | 8670  | -49 | 15 16      | 300                  |     |    |           | 300                     | 8750  | -52 | 26 57     | 300                      | 8990  | -48 |           | 300                       | 9310  | -45 | 50 26 50   |
| 250                  | 10870 | -48 | 14 10      | 250                  |     |    |           | 250                     | 10930 | -52 | 25 54     | 250                      | 10170 | -54 |           | 250                       | 10510 | -49 | 28 65      |
| 200                  | 10340 | -48 | 14 10      | 200                  |     |    |           | 200                     | 11380 | -51 | 25 44     | 200                      | 11590 | -56 |           | 200                       | 11970 | -51 | 29 70      |
| 150                  |       |     |            | 150                  |     |    |           | 150                     | 13250 | -53 | 26 55     | 150                      | 13440 | -51 |           | 150                       | 13800 | -61 | 29 75      |
| 100                  |       |     |            | 100                  |     |    |           | 100                     | 15830 | -57 |           | 100                      | 16060 | -54 |           | 100                       | 16270 | -70 | 31 40      |
| 70                   |       |     |            | 70                   |     |    |           | 70                      | 18080 | -58 |           | 70                       |       |     |           | 70                        | 18400 | -67 | 29 40      |
| Puntos notables      |       |     |            | Puntos notables      |     |    |           | Puntos notables         |       |     |           | Puntos notables          |       |     |           | Puntos notables           |       |     |            |
| PPP                  | TT    | DD  | PPP TT DD  | PPP                  | TT  | DD | PPP TT DD | PPP                     | TT    | DD  | PPP TT DD | PPP                      | TT    | DD  | PPP TT DD | PPP                       | TT    | DD  | PPP TT DD  |
| 985                  | 6     | 38  | 370 -46    |                      |     |    |           | 924                     | -1    | 12  |           | 992                      | 10    | 59  |           | 1008                      | 17    | 49  | 429 -24 02 |
| 844                  | -1    | 13  | 312 -51    |                      |     |    |           | 912                     | 2     | 48  |           | 860                      | 4     | 57  |           | 937                       | 12    | 21  | 366 -33 42 |
| 750                  | -8    | 00  | 296 -48    |                      |     |    |           | 700                     | -11   |     |           | 647                      | -10   | 72  |           | 908                       | 11    | 31  | 299 -45 50 |
| 658                  | -15   | 48  | 194 -48    |                      |     |    |           | 512                     | -28   | 61  |           | 552                      | -19   |     |           | 832                       | 8     | 14  | 266 -51 41 |
| 574                  | -24   | 00  |            |                      |     |    |           | 383                     | -46   |     |           | 462                      | -27   |     |           | 783                       | 6     | 22  | 250 -49    |
| 500                  | -32   | 49  |            |                      |     |    |           | 310                     | -52   |     |           | 392                      | -38   |     |           | 727                       | 3     | 17  | 215 -49    |
| 432                  | -40   | 47  |            |                      |     |    |           | 174                     | -51   |     |           | 221                      | -58   |     |           | 623                       | -6    | 00  | 190 -53    |
| 387                  | -47   |     |            |                      |     |    |           |                         |       |     |           | 157                      | -51   |     |           | 515                       | -15   | 00  | 150 -61    |
| Sondeo a 12 h. (TMG) |       |     |            | Sondeo a 12 h. (TMG) |     |    |           | Sondeo a 12 h. (TMG)    |       |     |           | Sondeo a 12 h. (TMG)     |       |     |           | Sondeo a 12 h. (TMG)      |       |     |            |
| Presiones tipo       |       |     |            | Presiones tipo       |     |    |           | Presiones tipo          |       |     |           | Presiones tipo           |       |     |           | Presiones tipo            |       |     |            |
| PPP                  | hhh   | TT  | DD dd ff   | PPP                  | hhh | TT | DD dd ff  | PPP                     | hhh   | TT  | DD dd ff  | PPP                      | hhh   | TT  | DD dd ff  | PPP                       | hhh   | TT  | DD dd ff   |
| 1000                 | -56   |     |            | 1000                 |     |    |           | 1000                    | -5    |     |           | 1000                     |       |     |           | 1000                      | 87    | 18  | 42 21 15   |
| 850                  | 1265  | 0   | 29 07 27   | 850                  |     |    |           | 850                     | 1313  | -1  | 09 22 13  | 850                      |       |     |           | 850                       | 1464  | 10  | 13 23 18   |
| 700                  | 2788  | -10 | 29 08 27   | 700                  |     |    |           | 700                     | 2833  | -12 | 18 22 25  | 700                      |       |     |           | 700                       | 3056  | 2   | 38 27 24   |
| 500                  | 5300  | -29 | 50 07 12   | 500                  |     |    |           | 500                     | 5320  | -32 | 56 25 29  | 500                      |       |     |           | 500                       | 5710  | -11 | 27 40      |
| 400                  | 5840  | -43 |            | 400                  |     |    |           | 400                     | 6850  | -45 | 24 50     | 400                      |       |     |           | 400                       | 7390  | -25 | 27 60      |
| 300                  | 8730  | -49 |            | 300                  |     |    |           | 300                     | 8730  | -49 | 24 60     | 300                      |       |     |           | 300                       | 9430  | -36 | 27 70      |
| 250                  | 9930  | -49 | 27 06      | 250                  |     |    |           | 250                     | 9930  | -49 | 25 65     | 250                      |       |     |           | 250                       | 10690 | -41 | 26 70      |
| 200                  | 11400 | -49 | 28 18      | 200                  |     |    |           | 200                     |       |     |           | 200                      |       |     |           | 200                       | 12190 | -47 | 26 60      |
| 150                  |       |     |            | 150                  |     |    |           | 150                     |       |     |           | 150                      |       |     |           | 150                       | 14050 | -57 | 27 70      |
| 100                  |       |     |            | 100                  |     |    |           | 100                     |       |     |           | 100                      |       |     |           | 100                       | 16560 | -68 | 27 40      |
| 70                   |       |     |            | 70                   |     |    |           | 70                      |       |     |           | 70                       |       |     |           | 70                        |       |     |            |
| Puntos notables      |       |     |            | Puntos notables      |     |    |           | Puntos notables         |       |     |           | Puntos notables          |       |     |           | Puntos notables           |       |     |            |
| PPP                  | TT    | DD  | PPP TT DD  | PPP                  | TT  | DD | PPP TT DD | PPP                     | TT    | DD  | PPP TT DD | PPP                      | TT    | DD  | PPP TT DD | PPP                       | TT    | DD  | PPP TT DD  |
| 986                  | 7     | 41  | 424 -40 41 |                      |     |    |           | 925                     | 3     | 17  |           |                          |       |     |           | 1006                      | 19    | 44  |            |
| 904                  | 4     | 47  | 328 -53    |                      |     |    |           | 719                     | -10   |     |           |                          |       |     |           | 786                       | -7    | 00  |            |
| 826                  | -2    | 19  | 304 -49    |                      |     |    |           | 669                     | -15   | 49  |           |                          |       |     |           | 614                       | -2    | 58  |            |
| 802                  | -3    | 26  | 168 -49    |                      |     |    |           | 633                     | -17   | 56  |           |                          |       |     |           | 510                       | -10   |     |            |
| 709                  | -10   | 11  |            |                      |     |    |           | 410                     | -44   | 58  |           |                          |       |     |           | 362                       | -30   |     |            |
| 696                  | -10   | 43  |            |                      |     |    |           | 351                     | -52   |     |           |                          |       |     |           | 200                       | -47   |     |            |
| 638                  | -16   | 25  |            |                      |     |    |           | 289                     | -49   |     |           |                          |       |     |           | 156                       | -56   |     |            |
| 513                  | -27   | 52  |            |                      |     |    |           | 150                     | -51   |     |           |                          |       |     |           | 116                       | -63   |     |            |

| VIENTO EN ALTITUD | Estación   | Tortosa |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | Indicativo | 238     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                   | Dia/hora   | 31/12   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                   | Altitud    | dd ff   | dd ff | dd ff | dd ff | dd ff | dd ff | dd ff | dd ff | dd ff | dd ff | dd ff | dd ff | dd ff | dd ff | dd ff | dd ff | dd ff |
| Tierra            |            |         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1.000             |            | 23      | 04    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1.500             |            | 27      | 14    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 2.000             |            | 27      | 18    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 3.000             |            | 25      | 24    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 4.000             |            | 25      | 47    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 5.500             |            |         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 7.000             |            |         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 9.000             |            |         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 10.500            |            |         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 12.000            |            |         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |



# 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> C <sub>M</sub> C <sub>H</sub> | T <sub>d</sub> T <sub>d</sub> app | Nddff | VVwww | PPPTT | N <sub>h</sub> C <sub>h</sub> C <sub>M</sub> C <sub>H</sub> | T <sub>d</sub> T <sub>d</sub> app | 7RRR <sub>T<sub>e</sub></sub> | Nddff | VVwww | PPPTT | N <sub>h</sub> C <sub>h</sub> C <sub>M</sub> C <sub>H</sub> | T <sub>d</sub> T <sub>d</sub> app | 7RRR <sub>T<sub>e</sub></sub> | Nddff | VVwww | PPPTT | N <sub>h</sub> C <sub>h</sub> C <sub>M</sub> C <sub>H</sub> | T <sub>d</sub> T <sub>d</sub> app | 7RRR <sub>T<sub>e</sub></sub> | Nddff | VVwww | PPPTT | N <sub>h</sub> C <sub>h</sub> C <sub>M</sub> C <sub>H</sub> | T <sub>d</sub> T <sub>d</sub> app | 7RRR <sub>T<sub>e</sub></sub> |  |                         |  |  |  |  |  |  |  |  |  |
| 001 | 50901                   | 62012 | 82506 | 48571   | 02400                             | 70000 | 65021 | 91806 | 3557x   | 02806                             | 79703                         | 60000 | 65021 | 93508 | 45572   | 04110                             | 80508                         | 62808 | 98007 | 6852x | 05236   | 79709                             | 80508                         | 62808 | 98007 | 6852x | 05236   | 79709                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 008 | 60910                   | 97022 | 92302 | 38570   | 51400                             | 60510 | 97022 | 22401 | 45560   | 51400                             | 70050                         | 70510 | 97022 | 93003 | 58570   | 01108                             | 70506                         | 97022 | 95505 | 58570 | 03219   | 70006                             | 70506                         | 97022 | 95505 | 58570 | 03219   | 70006                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 042 | 50910                   | 65021 | 917xx | 55500   | 00401                             | 80906 | 65028 | 90402 | 884xx   | 00806                             | 70102                         | 70708 | 70022 | 93004 | 5242x   | 02209                             | 30110                         | 65021 | 97004 | 38402 | 02219   | 79708                             | 30110                         | 65021 | 97004 | 38402 | 02219   | 79708                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 045 | 81804                   | 66022 | 91004 | 895xx   | 01400                             | 81309 | 70022 | 88005 | 885xx   | 03713                             | 70602                         | 80407 | 60616 | 88205 | 6742x   | 03207                             | 63402                         | 70012 | 94605 | 58501 | 02237   | 71406                             | 63402                         | 70012 | 94605 | 58501 | 02237   | 71406                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 053 |                         |       |       |   |                                   | 82704 | 97022 | 93902 | 0092x   | 50705                             | 70102                         | 70000 | 97021 | 94205 | 38562   | 02801                             | 80905                         | 96838 | 96304 | 6342x | 01223   | 70106                             | 80905                         | 96838 | 96304 | 6342x | 01223   | 70106                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 014 | 00000                   | 96000 | 94004 | 00900   | 00104                             | 32102 | 97021 | 93904 | 20944   | 00801                             | 70003                         | 32203 | 94100 | 94703 | 38641   | 51208                             | 50903                         | 96031 | 96709 | 28631 | 04220   | 70012                             | 50903                         | 96031 | 96709 | 28631 | 04220   | 70012                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 023 | 00000                   | 96001 | 97004 | 00900   | 01001                             | 61404 | 97021 | 96605 | 45540   | 50805                             | 70003                         | 61808 | 98021 | 97009 | 45511   | 01400                             | 41804                         | 98021 | 97508 | 00910 | 02210   | 70010                             | 41804                         | 98021 | 97508 | 00910 | 02210   | 70010                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 025 |                         |       |       |   |                                   | 80000 | 56052 | 95701 | 3557x   | 00805                             | 70000                         | 61508 | 62022 | 96108 | 58532   | 00704                             | 51408                         | 62022 | 96908 | 4852x | 00212   | 70009                             | 51408                         | 62022 | 96908 | 4852x | 00212   | 70009                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 027 | 01807                   | 75000 | 97103 | 00900   | 52303                             | 11804 | 75000 | 97102 | 11602   | 52804                             | 70001                         | 52012 | 82012 | 07105 | 587xx   | 50106                             | 61812                         | 80022 | 97106 | 666xx | 01312   | 70008                             | 61812                         | 80022 | 97106 | 666xx | 01312   | 70008                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 029 |                         |       |       |   |                                   | 00000 | 70000 | 9500c | 00900   | 52705                             | 70051                         | 61608 | 70021 | 96108 | 35640   | 01809                             | 60000                         | 70021 | 96908 | 35640 | 02215   | 70009                             | 60000                         | 70021 | 96908 | 35640 | 02215   | 70009                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 055 | 80000                   | 00847 | 29052 | 871xx   | 52203                             | 80000 | 00870 | 27851 | 87100   | 51701                             | 70752                         | 80000 | 01227 | 30300 | 871xx   | 00203                             | 80000                         | 20717 | 29000 | 871xx | 00206   | 70301                             | 80000                         | 20717 | 29000 | 871xx | 00206   | 70301                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 130 |                         |       |       |   |                                   | 71804 | 60022 | 16803 | 45620   | 01705                             | 79501                         | 62212 | 66022 | 17106 | 48642   | 00204                             | 82304                         | 60616 | 17805 | 6562x | 02211   | 79707                             | 82304                         | 60616 | 17805 | 6562x | 02211   | 79707                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 075 | 80000                   | 97022 | 29353 | 35300   | 54400                             | 81514 | 92712 | 29652 | 872xx   | 53400                             | 79752                         | 61816 | 98022 | 30402 | 65400   | 01201                             | 70000                         | 97227 | 30801 | 75400 | 00708   | 70203                             | 70000                         | 97227 | 30801 | 75400 | 00708   | 70203                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 141 | 50403                   | 96022 | 96650 | 56500   | 51803                             | 80000 | 96027 | 96400 | 87400   | 51809                             | 70150                         | 61804 | 98012 | 97003 | 55401   | 00400                             | 81604                         | 97616 | 96604 | 6722x | 02309   | 79705                             | 81604                         | 97616 | 96604 | 6722x | 02309   | 79705                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 148 |                         |       |       |   |                                   | 90000 | 93454 | 29758 | 9x0xx   | 59601                             | 70059                         | 80000 | 95024 | 30651 | 873xx   | 52601                             | 70000                         | 96012 | 30900 | 77300 | 51305   | 70002                             | 70000                         | 96012 | 30900 | 77300 | 51305   | 70002                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 202 | 71804                   | 65031 | 26402 | 7097x   | 51604                             | 31812 | 65031 | 25502 | 15431   | 00807                             | 70000                         | 71925 | 65032 | 27604 | 72400   | 01008                             | 61910                         | 65012 | 28303 | 62400 | 02212   | 79705                             | 61910                         | 65012 | 28303 | 62400 | 02212   | 79705                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 210 |                         |       |       |   |                                   | 41807 | 98021 | 29251 | 45600   | 52804                             | 70052                         | 71810 | 97797 | 29301 | 785xx   | 50808                             | 81407                         | 95757 | 30250 | 8092x | 50213   | 70102                             | 81407                         | 95757 | 30250 | 8092x | 50213   | 70102                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 213 |                         |       |       |   |                                   | 20000 | 98021 | 27101 | 14401   | 54400                             | 70050                         | 82702 | 98022 | 28103 | 2242x   | 53400                             | 70703                         | 97022 | 28903 | 45420 | 51203   | 79704                             | 70703                         | 97022 | 28903 | 45420 | 51203   | 79704                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 215 |                         |       |       |   |                                   | 72406 | 92027 | 30756 | 77000   | 56001                             | 70158                         | 81505 | 90707 | 30555 | 870xx   | 55807                             | 81508                         | 90737 | 31455 | 870xx | xxxxx   | 7xxxx                             | 81508                         | 90737 | 31455 | 870xx | xxxxx   | 7xxxx                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 221 | 50000                   | 62031 | 98251 | 25501   | 52103                             | 80000 | 50716 | 48600 | 7732x   | 52805                             | 70152                         | 80000 | 50201 | 98403 | 57471   | 02805                             | 83504                         | 55506 | 98702 | 6747x | 01308   | 70404                             | 83504                         | 55506 | 98702 | 6747x | 01308   | 70404                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 272 |                         |       |       |   |                                   | 71806 | 97028 | 98704 | 756xx   | 02701                             | 79303                         | 71409 | 98832 | 98906 | 756xx   | 01803                             | 51808                         | 97028 | 99505 | 54600 | 03213   | 70108                             | 51808                         | 97028 | 99505 | 54600 | 03213   | 70108                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 231 |                         |       |       |   |                                   | 80000 | 86261 | 73200 | 873xx   | 00400                             | 70154                         | 80000 | 95707 | 32601 | 6742x   | 01607                             | 60000                         | 97017 | 33301 | 62500 | 00517   | 70603                             | 60000                         | 97017 | 33301 | 62500 | 00517   | 70603                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 232 |                         |       |       |   |                                   | 82303 | 98032 | 29350 | 874xx   | 51000                             | 70055                         | 82304 | 98032 | 30803 | 06402   | 01000                             |                               |       |       |       |   |                                   |                               |       |       |       |   |                                   |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 348 | 82711                   | 92036 | 00203 | 5752x   | 01207                             | 92703 | 91612 | 00202 | 9x0xx   | 00803                             | 70201                         | 92207 | 93636 | 00405 | 9x0xx   | 03000                             | 72711                         | 94016 | 01005 | 47523 | 03311   | 70507                             | 72711                         | 94016 | 01005 | 47523 | 03311   | 70507                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 280 | 62012                   | 62031 | 98902 | 45440   | 00301                             | 32612 | 62021 | 00001 | 38400   | 51807                             | 7xx52                         | 42408 | 62031 | 99707 | 31540   | 01304                             | 30904                         | 62012 | 00504 | 24530 | 02807   | 70008                             | 30904                         | 62012 | 00504 | 24530 | 02807   | 70008                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 261 |                         |       |       |   |                                   | 01818 | 97000 | 06304 | 00900   | 03400                             | 79303                         | 72218 | 98022 | 96507 | 73600   | 04204                             | 52214                         | 98022 | 98706 | 53600 | 03320   | 70208                             | 52214                         | 98022 | 98706 | 53600 | 03320   | 70208                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 330 | 72004                   | 75022 | 94705 | 68520   | 04202                             | 72012 | 65022 | 97307 | 68520   | 04702                             | 70305                         | 62120 | 65022 | 98311 | 68500   | 06205                             | 52614                         | 60022 | 00607 | 58500 | 05225   | 70212                             | 52614                         | 60022 | 00607 | 58500 | 05225   | 70212                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 080 |                         |       |       |   |                                   | 80000 | 50031 | 95952 | 854xx   | 53807                             | 70053                         | 80000 | 20102 | 98300 | 861xx   | 00107                             | 72704                         | 40032 | 98701 | 783xx | 51208   | 79302                             | 72704                         | 40032 | 98701 | 783xx | 51208   | 79302                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 084 | 00000                   | 58054 | 98352 | 00900   | 52403                             | 00000 | 01104 | 98752 | 00900   | 52707                             | 70054                         | 31306 | 20157 | 00200 | 874xx   | 51403                             | 80000                         | 21151 | 02201 | 874xx | 50208   | 70101                             | 80000                         | 21151 | 02201 | 874xx | 50208   | 70101                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 086 |                         |       |       |   |                                   | 70000 | 95021 | 00351 | 78402   | 51703                             | 70052                         | 70000 | 96027 | 01101 | 78300   | 00704                             |                               |       |       |       |   |                                   |                               |       |       |       |   |                                   |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 094 |                         |       |       |   |                                   | 20000 | 60024 | 99955 | 00903   | 56400                             | 70056                         | 20000 | 50411 | 00252 | 00903   | 64805                             | 30000                         | 40411 | 00754 | 00903 | 55400   | 70002                             | 30000                         | 40411 | 00754 | 00903 | 55400   | 70002                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 160 | 00000                   | 60050 | 97652 | 00900   | 53101                             | 01106 | 01444 | 98852 | 00900   | 52704                             | 70054                         | 91604 | 06434 | 00151 | 9x0xx   | 52000                             | 90000                         | 07434 | 00151 | 9x0xx | 51205   | 70051                             | 90000                         | 07434 | 00151 | 9x0xx | 51205   | 70051                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 233 | 30000                   | 97031 | 17903 | 20944   | 54304                             | 40000 | 97022 | 19757 | 20944   | 59307                             | 70059                         |       |       |       |   |                                   | 80000                         | 97222 | 20200 | 4557x | 00512   | 70104                             | 80000                         | 97222 | 20200 | 4557x | 00512   | 70104                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 171 |                         |       |       |   |                                   | 80000 | 97052 | 98800 | 876xx   | 00900                             | 70000                         | 80000 | 95104 | 00201 | 876xx   | 51003                             | 80000                         | 96054 | 00402 | 876xx | 01507   | 70002                             | 80000                         | 96054 | 00402 | 876xx | 01507   | 70002                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 183 |                         |       |       |   |                                   | 10000 | 20011 | 94902 | 10940   | 51013                             | 70251                         | 30000 | 50051 | 97607 | 20941   | 01213                             | 50000                         | 60034 | 97609 | 20941 | 02503   | 70010                             | 50000                         | 60034 | 97609 | 20941 | 02503   | 70010                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 180 |                         |       |       |   |                                   | 11404 | 98011 | 96704 | 10470   | 00508                             | 70004                         | 10404 | 96000 | 98307 | 10840   | 51801                             |                               |       |       |       |   |                                   |                               |       |       |       |   |                                   |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 181 | 03404                   | 65000 | 96404 | 00900   | 00111                             | 00414 | 65000 | 97603 | 00900   | 52713                             | 70003                         | 20410 | 65020 | 99207 | 12503   | 51204                             | 50206                         | 56051 | 99306 | 58512 | 02202   | 70010                             | 50206                         | 56051 | 99306 | 58512 | 02202   | 70010                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 175 |                         |       |       |   |                                   |       |       |       |   |                                   |                               | 40000 | 80031 | 97609 | 10932   | 04206                             | 80000                         | 58022 | 98706 | 45620 | 03208   | 70011                             | 80000                         | 58022 | 98706 | 45620 | 03208   | 70011                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 238 |                         |       |       |   |                                   | 03206 | 99000 | 96703 | 00900   | 00201                             | 70003                         | 20203 | 96020 | 97812 | 10942   | 03803                             | xxxxx                         | 96021 | 98606 | 8092x | 03308   | 70013                             | xxxxx                         | 96021 | 98606 | 8092x | 03308   | 70013                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 286 |                         |       |       |   |                                   | 40000 | 97022 | 97505 | 12672   | 53504                             | 70004                         | 72001 | 98022 | 99111 | 1567x   | 51706                             | 43101                         | 97808 | 99710 | 29573 | 01304   | 79713                             | 43101                         | 97808 | 99710 | 29573 | 01304   | 79713                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 285 | 52514                   | 70022 | 99407 | 25571   | 02211                             | 61804 | 82022 | 98603 | 25540   | 01607                             | 70002                         | 62818 | 80022 | 00012 | 35541   | 02400                             | 52806                         | 80022 | 00010 | 35541 | 04304   | 79713                             | 52806                         | 80022 | 00010 | 35541 | 04304   | 79713                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 358 | 83208                   | 96602 | 94009 | 8087x   | 04703                             | 62710 | 97016 | 00007 | 15570   | 04401                             | 79706                         | 50000 | 98012 | 01211 | 28676   | 06504                             | 60000                         | 97022 | 01010 | 16570 | 06311   | 70015                             | 60000                         | 97022 | 01010 | 16570 | 06311   | 70015                             |                               |  |                         |  |  |  |  |  |  |  |  |  |
| 429 |                         |       |       |   |                                   | 63204 | 70021 | 99406 | 58600   | 04301                             | 70006                         | 53404 | 56051 | 00810 | x2683   | 04007                             | 43106                         | 60011 | 00012 | 42600 | 05205   | 70014                             | 43106                         | 60011 | 00012 |       |   |                                   |                               |  |                         |  |  |  |  |  |  |  |  |  |