



MINISTERIO DEL AIRE

Boletín diario del Servicio Meteorológico Nacional

AÑO XVIII

2.ª EPOCA

MADRID, SABADO 22 DE NOVIEMBRE DE 1969

Núm. 326

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 (De las capitales Peninsulares) | |
|-----------------|-------------|------|---------------|-----|--------------|-----------------|-------------|------|---------------|-----|--------------|------------------------|----------------|------|---------------|-----|--------------|---|--|
| | Máx. | Min. | Noche | Día | | | Máx. | Mín. | Noche | Día | | | Máx. | Mín. | Noche | Día | | | |
| La Coruña | 9 | 8 | 20 | 39 | 0.0 | Navacerrada (*) | 1 | X | X | 15 | | Castellón | 19 | 8 | | | 2.0 | MAXIMA: 19° en Alicante, Castellón y Huelva. MINIMA: 4° en Albacete, Lugo y Soria. | |
| Montevitoso | 9 | 7 | 17 | 40 | | Madrid/Barajas | 12 | 8 | 2 | ip | 3.6 | Valencia (A) | 18 | 7 | | | 2.7 | | |
| Bares | 12 | 5 | 22 | 43 | | Madrid | 11 | 8 | 2 | ip | 3.1 | Valencia | 18 | | | | | | |
| Lugo (P.Centro) | 10 | 4 | 2 | 9 | 0.0 | Madrid/C.Vientº | 10 | 6 | 2 | ip | 3.5 | Alicante (A) | 19 | 7 | | | 2.0 | | |
| Finisterre | 9 | 6 | 16 | 9 | 0.0 | Getafe | 11 | 7 | 1 | | 3.6 | Alicante | 19 | 7 | | | 1.7 | | |
| Santiago (A) | 8 | 6 | 23 | 44 | 0.3 | Guadalajara | 13 | 6 | 4 | | | | Murcia/Alcantº | 15 | | | | | |
| Pontevedra | 10 | | X | 25 | | Toledo | 13 | 9 | 12 | 5 | 3.3 | Murcia | 17 | | | | | | |
| Vigo (A) | 10 | 7 | 11 | 25 | | Cuenca | 10 | 6 | ip | ip | 2.0 | Castillo Galeras | 16 | 13 | | | | | |
| Vigo | 12 | 8 | 12 | 33 | 1.0 | Molina de Aragº | 9 | 4 | 1 | 1 | 0.0 | San Javier | 18 | 8 | | | 2.1 | | |
| Orense | 12 | 6 | ip | 4 | 0.0 | Ciudad Real | 12 | 5 | ip | ip | 2.5 | | | | | | | | |
| Ponferrada | | | | | | Albacete (A) | 14 | 4 | | ip | | | | | | | | | |
| | | | | | | Cáceres | 11 | 12 | X | 7 | 1.3 | | | | | | | | |
| | | | | | | Badajoz (A) | 13 | 11 | 1 | 5 | 0.0 | | | | | | | | |
| Asturias (A) | 12 | 8 | | ip | 0.0 | | | | | | | Sevilla (A) | 17 | 12 | 3 | 14 | 4.0 | OBSERVACIONES DE MADRID (Parque del Retiro) | |
| Gijón | 14 | 8 | ip | ip | | Vitoria (A) | 14 | | | | | Córdoba (A) | 17 | 12 | X | 5 | 1.3 | | |
| Santander (A) | 18 | 4 | 2 | | | Logroño | 15 | | | | | Jaén | 15 | 9 | 1 | | | | |
| Santander | 18 | 9 | 1 | | 0.0 | Logroño (A) | 15 | 5 | ip | | 0.0 | Granada (A) | 12 | 6 | ip | 6 | 0.0 | | |
| Punta Galea | 16 | 8 | 2 | | 0.2 | Pamplona | 13 | 5 | ip | | 0.0 | | | | | | | | |
| Bilbao (A) | 15 | 9 | | | | Huesca/Monflº | 11 | 6 | | ip | 0.0 | Huelva | 19 | 12 | ip | ip | 2.7 | | |
| S.Sebastián/Igº | 17 | 9 | 2 | | 0.0 | Candanchú (*) | 4 | -1 | 4 | 8 | | Jerez de la F.ª (A) | 17 | 12 | 16 | 9 | | | |
| S.Sebastián(A) | 9 | | X | 14 | | Veruela | | 6 | | | 0.8 | Cádiz | 18 | 15 | 6 | 13 | 4.5 | | |
| León (A) | 12 | 7 | ip | 1 | | Daroca | | 5 | | | 0.0 | San Fernando | 18 | 14 | 8 | 12 | 5.3 | | |
| Zamora | 12 | 7 | 2 | | 0.0 | Zaragoza (A) | 13 | 5 | | ip | 0.0 | Tarifa | 16 | 14 | 7 | 13 | 6.0 | | |
| Palencia | 10 | | X | ip | | Zaragoza | 12 | 6 | ip | | | Málaga (A) | 18 | 12 | 2 | 6 | 5.3 | | |
| Burgos (A) | 12 | 5 | 1 | 1 | 0.4 | Calamocha | 11 | 5 | | ip | | Almería (A) | 18 | 10 | | | 5.5 | | |
| Burgos | 11 | 5 | 1 | | 0.0 | Teruel | | | | | | | | | | | | | |
| Valladolid (A) | 12 | 6 | ip | 2 | 0.0 | | | | | | | Palma de M.ª (A) | 19 | | | | | | |
| Valladolid | 9 | 4 | ip | ip | 0.0 | Lérida | 13 | | | | | Mahón (A) | 18 | | | | | | |
| Soria | 12 | 6 | ip | 1 | 0.0 | Montseny (*) | 5 | | | | | Ibiza (A) | 19 | | | | | | |
| Salamanca (A) | 7 | 5 | 1 | 3 | 0.1 | Gerona (A) | 17 | 6 | 36 | | | S.ª C. de la Palma (A) | 19 | 14 | | | 2.1 | | |
| Avila | 10 | 5 | 4 | | 0.7 | Cabo Bagur | 4 | -2 | 11 | | 0.0 | Izaña (*) | 8 | | | | | | |
| Segovia | | | | | | La Molina (*) | 17 | | | | | S.ª C. de Tenerife (A) | 18 | 10 | | | 4.2 | | |
| | | | | | | Barcelona | 17 | | | | | S.ª C. de Tenerife | 24 | 16 | | | 2.0 | | |
| | | | | | | Barcelona (A) | 18 | 8 | 1 | | 0.0 | Las Palmas (A) | 23 | 14 | | | 3.5 | | |
| | | | | | | Reus (A) | 17 | | | | | Fuerteventura (A) | 25 | 14 | | | 4.3 | | |
| | | | | | | Tarragona | 17 | 9 | ip | | 0.4 | Lanzarote (A) | 24 | | | | | | |
| | | | | | | Tortosa | 18 | 8 | | | 0.9 | Ceuta | 16 | 10 | ip | 2 | 3.5 | | |
| | | | | | | | | | | | | Melilla | 20 | 12 | | | 1.6 | | |
| | | | | | | | | | | | | V.Cisneros (A) | X | 17 | | | 1.5 | | |

TEMPERATURAS
Máx. 11,0 a 16,30 h.
Mín. 7,8 a 7,00 h.
a 1 h. 8,7 a 13 h. 10,2
a 7 h. 7,8 a 18 h. 10,4

PRESIONES
Máx. 699,7 mm. a 10,00 h.
Mín. 696,2 mm. a 18,00 h.
a 1 h. 699,2 a 13 h. 698,0
a 7 h. 999,0 a 18 h. 696,2

VIENTO
Veloc. máx. 10 m/s. a 17,20 h.
Dirección: Noroeste
Recorrido en 24 horas 190 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

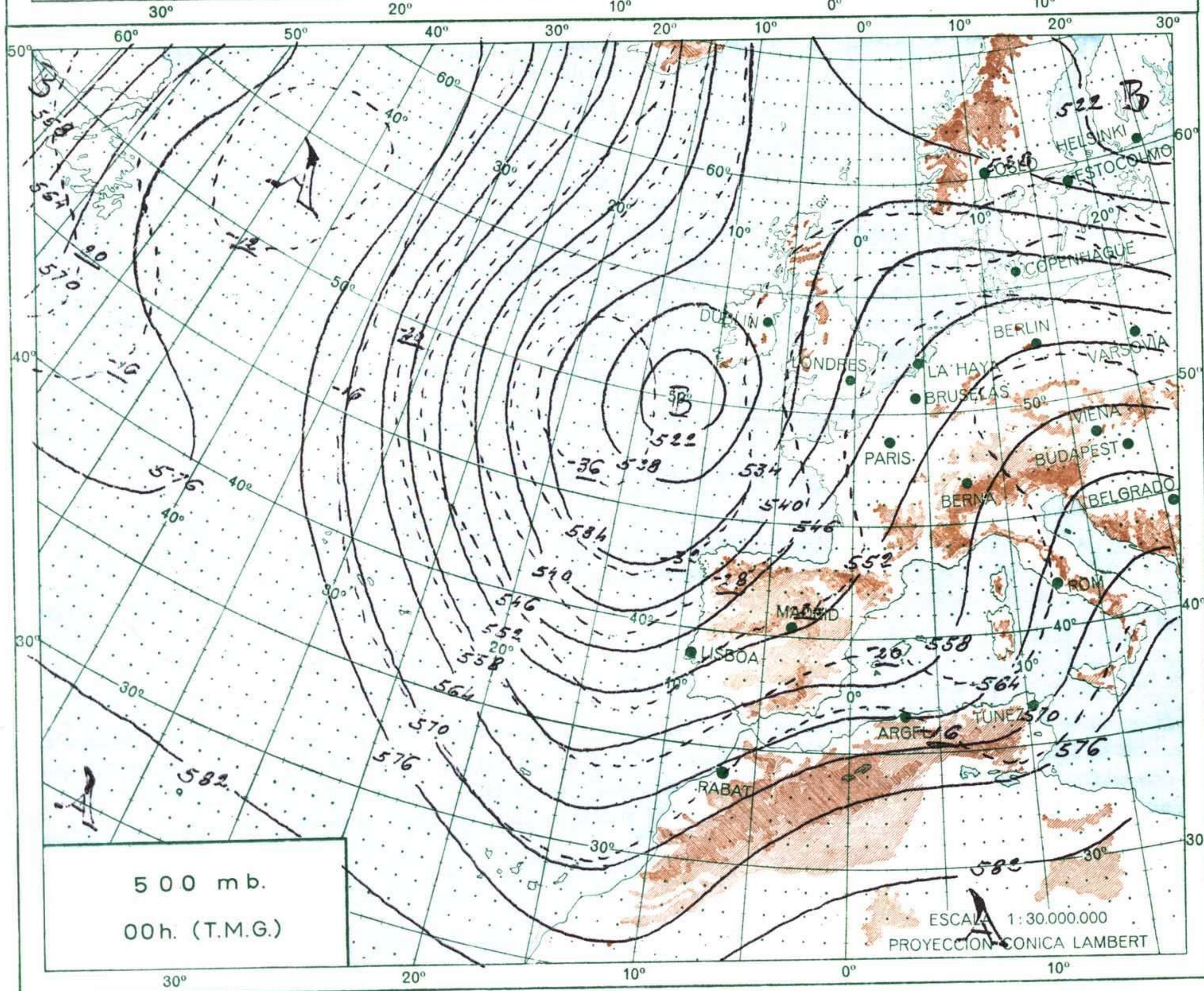
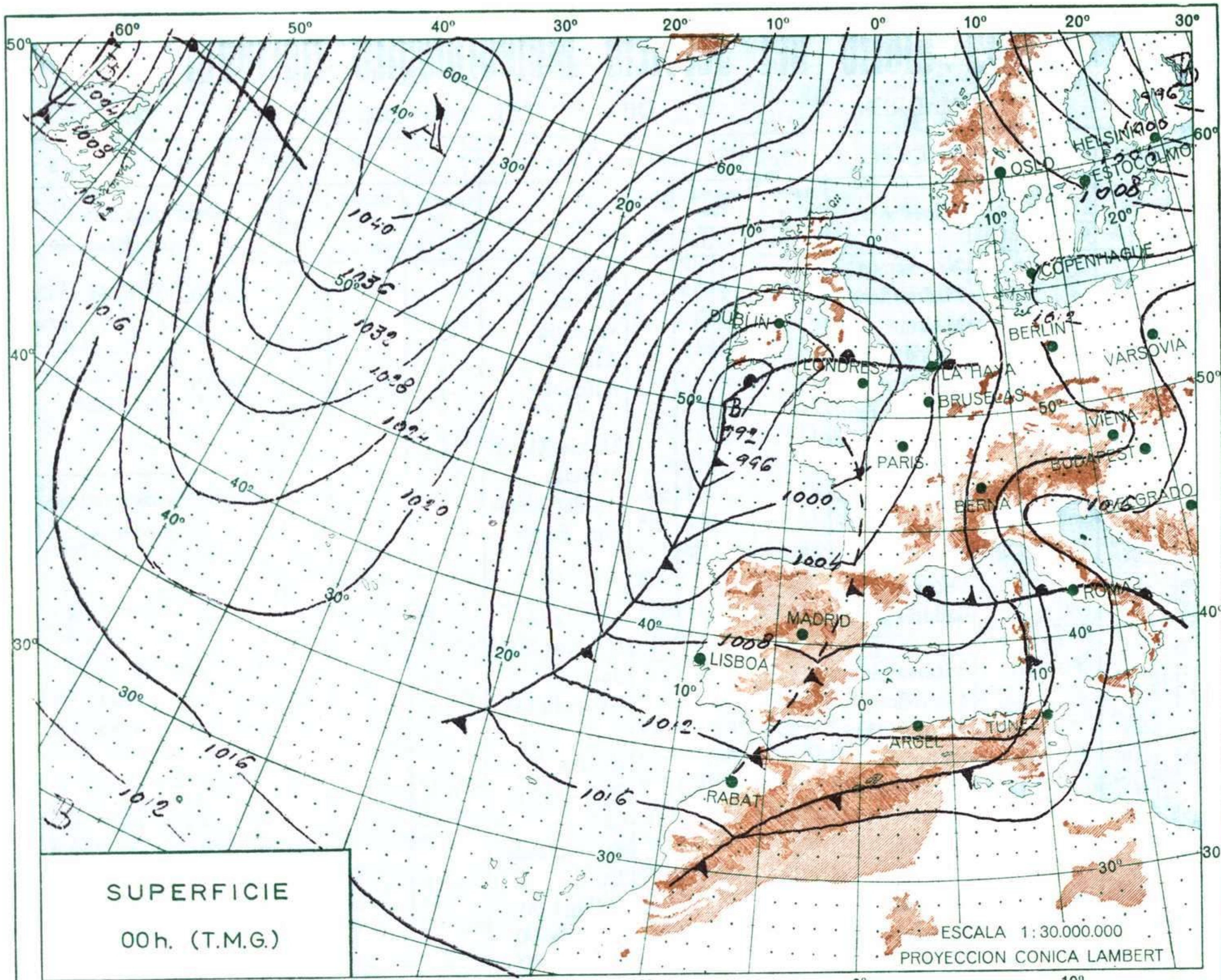
Las horas de sol corresponden al día de ayer.

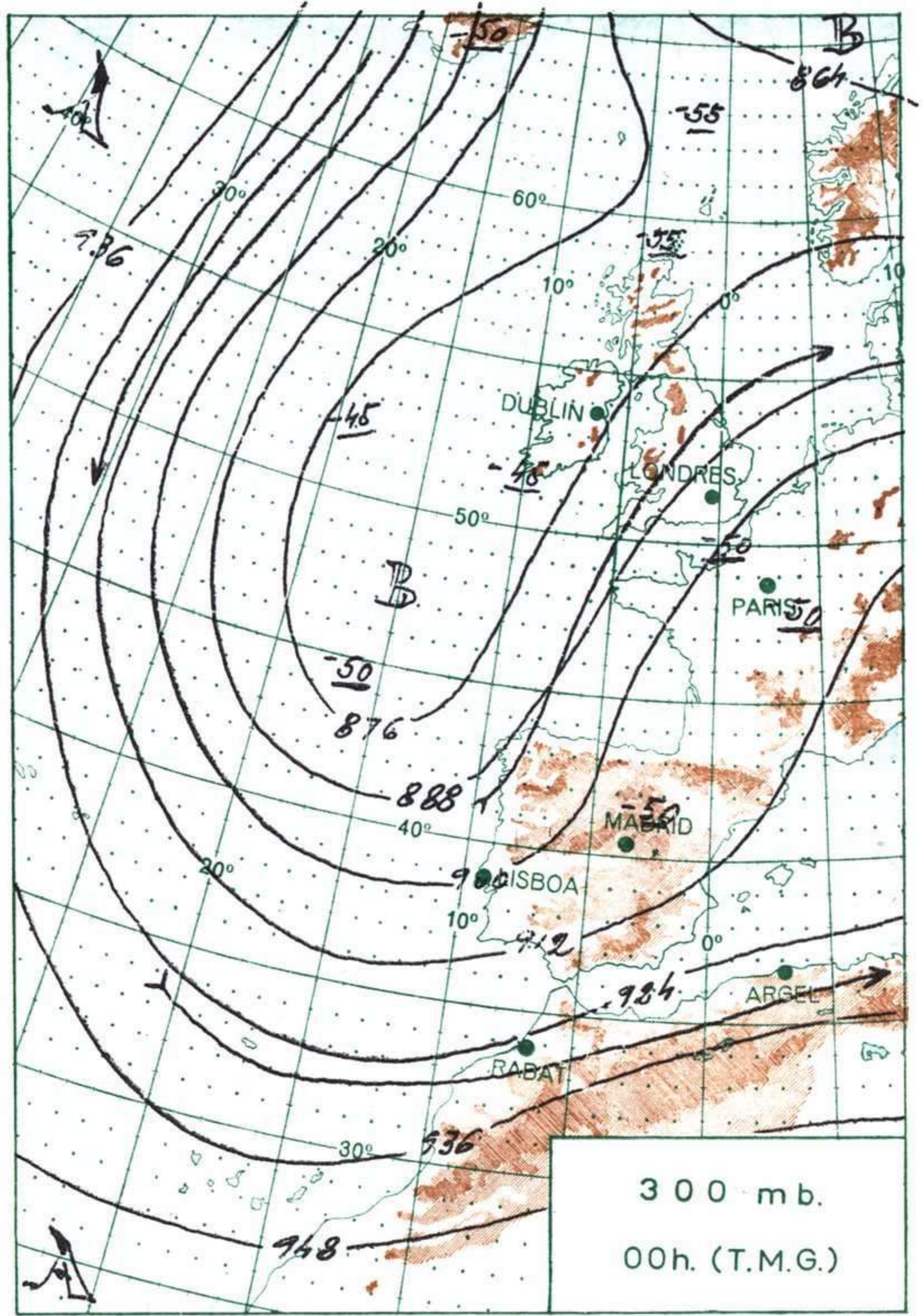
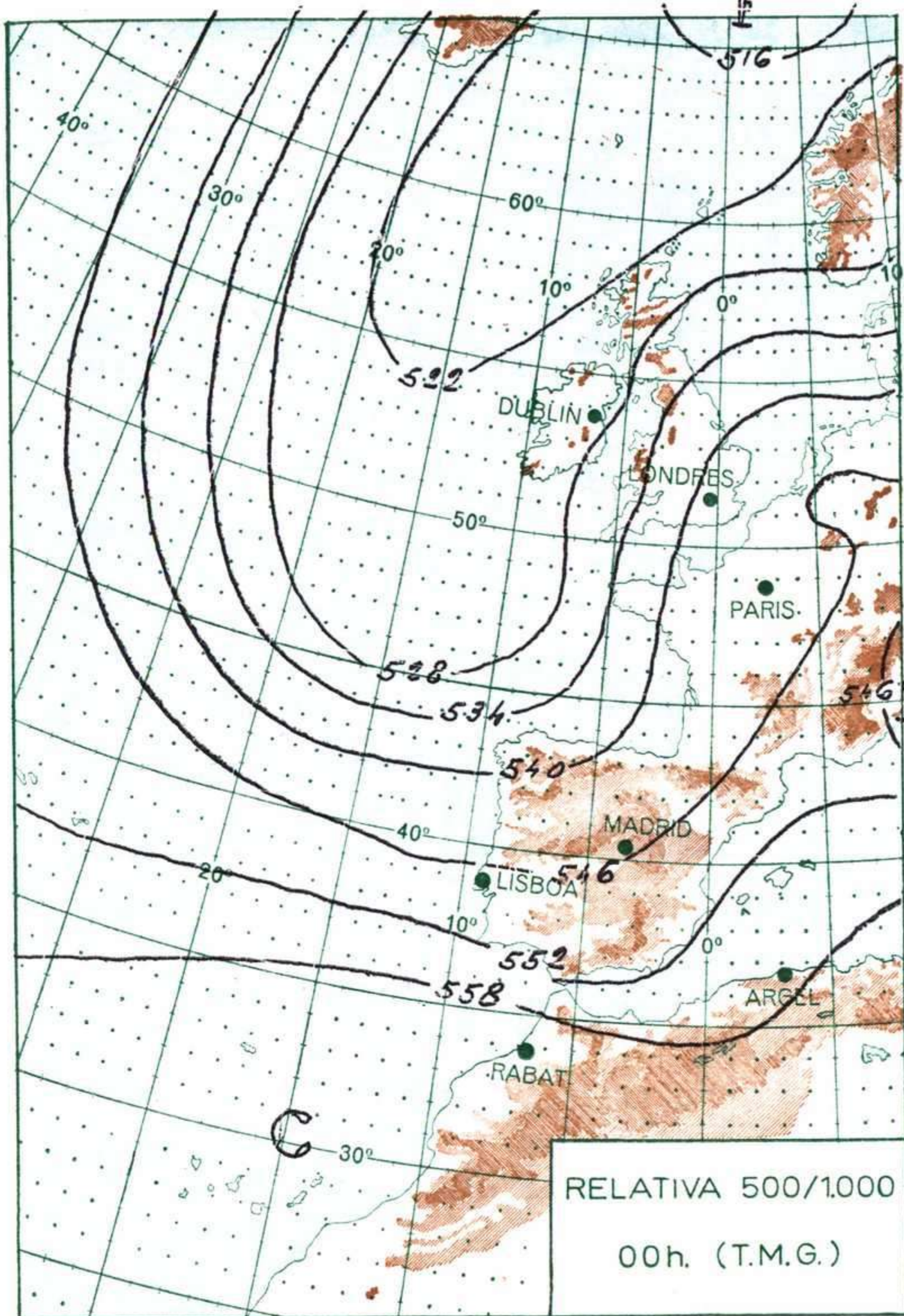
INFORMACION GENERAL DE LAS ULTIMAS 24 HORAS (DE 19 HORAS DE AYER A 19 HORAS DE HOY, HORA OFICIAL).

En la noche pasada hubo precipitaciones persistentes en toda la vertiente atlántica y se registraron algunas lluvias aisladas en Cataluña y Canarias. Durante el día de hoy ha llovido con gran intensidad en Galicia y en forma moderada en Asturias, Duero, y Andalucía. También ha llovido débilmente en Aragón. Ha nevado en puntos del sistema Central y Pirineo. El tiempo ha sido bueno en Cataluña, Levante, Baleares y Canarias. Las temperaturas nocturnas han mantenido valores superiores a cero grados. han soplado vientos del Suroeste.

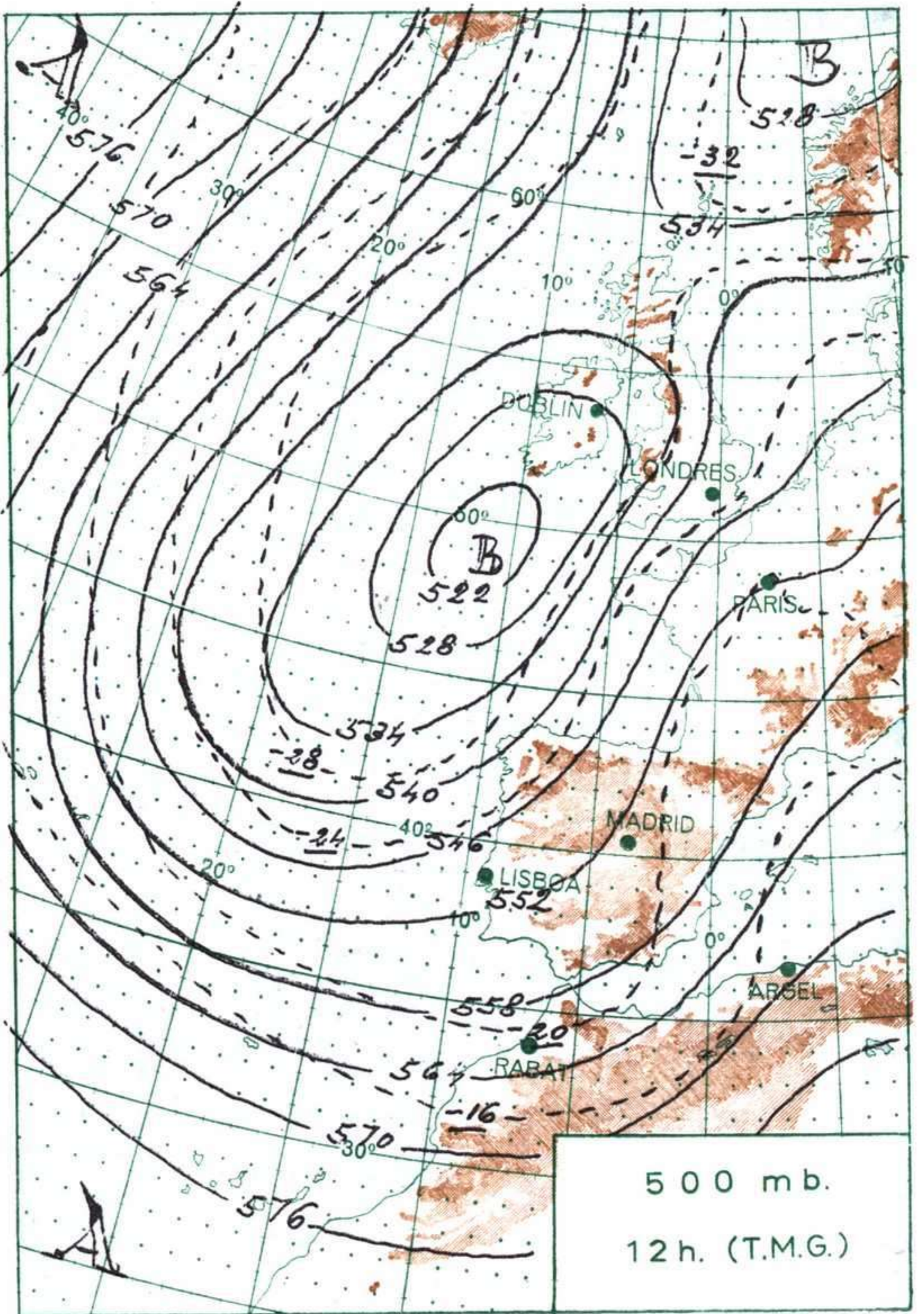
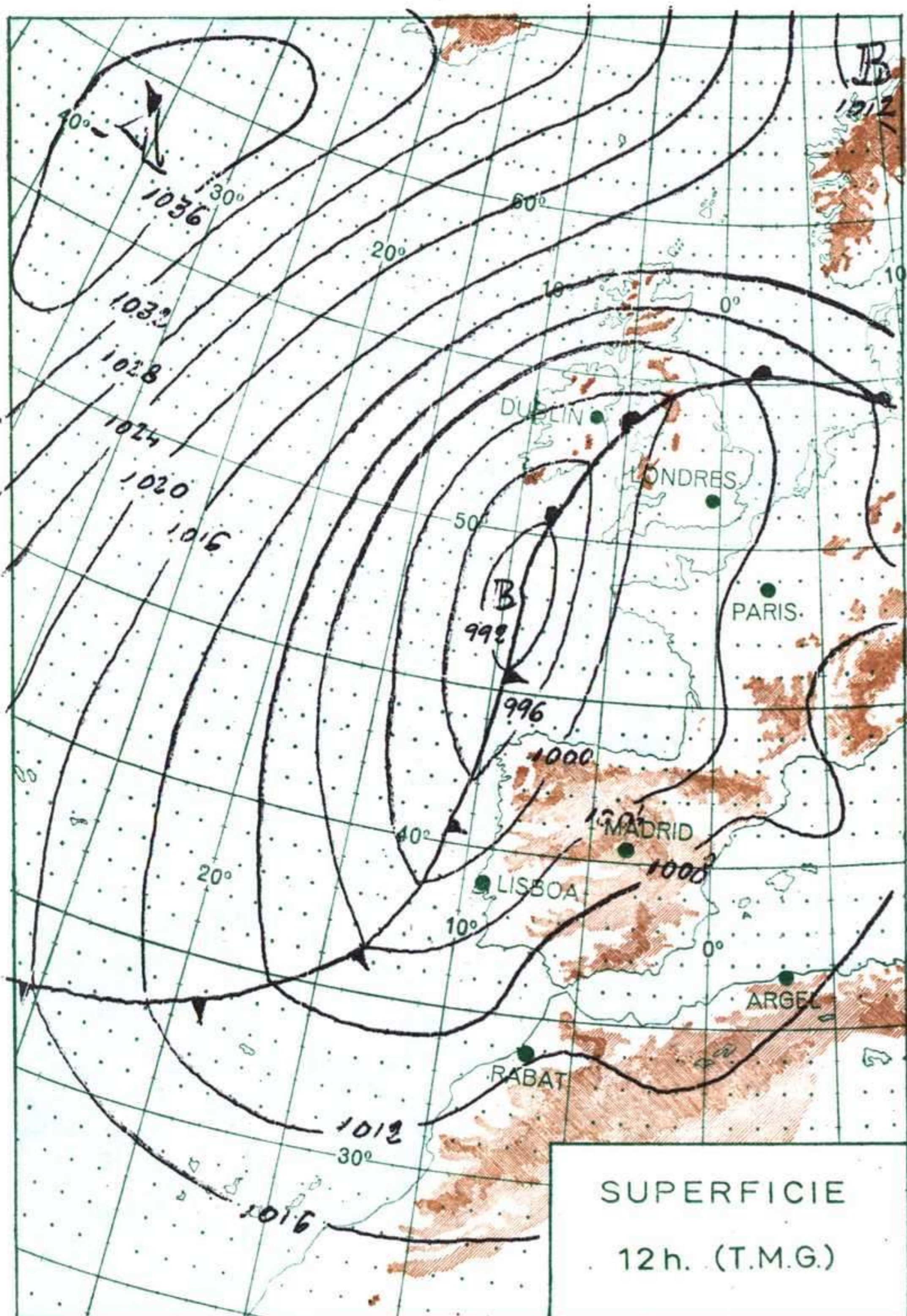
PREDICCIÓN PARA EL DOMINGO DIA 23.

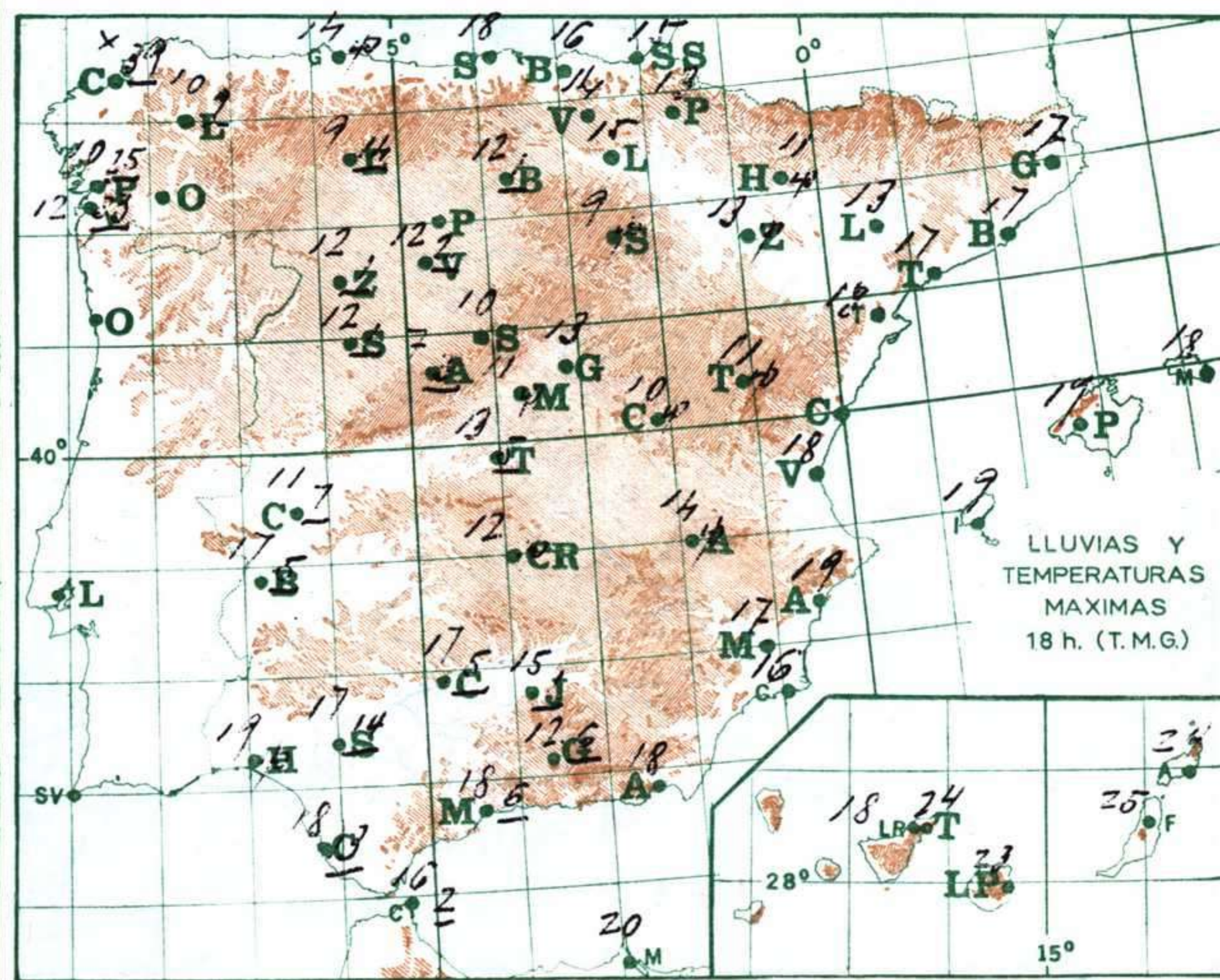
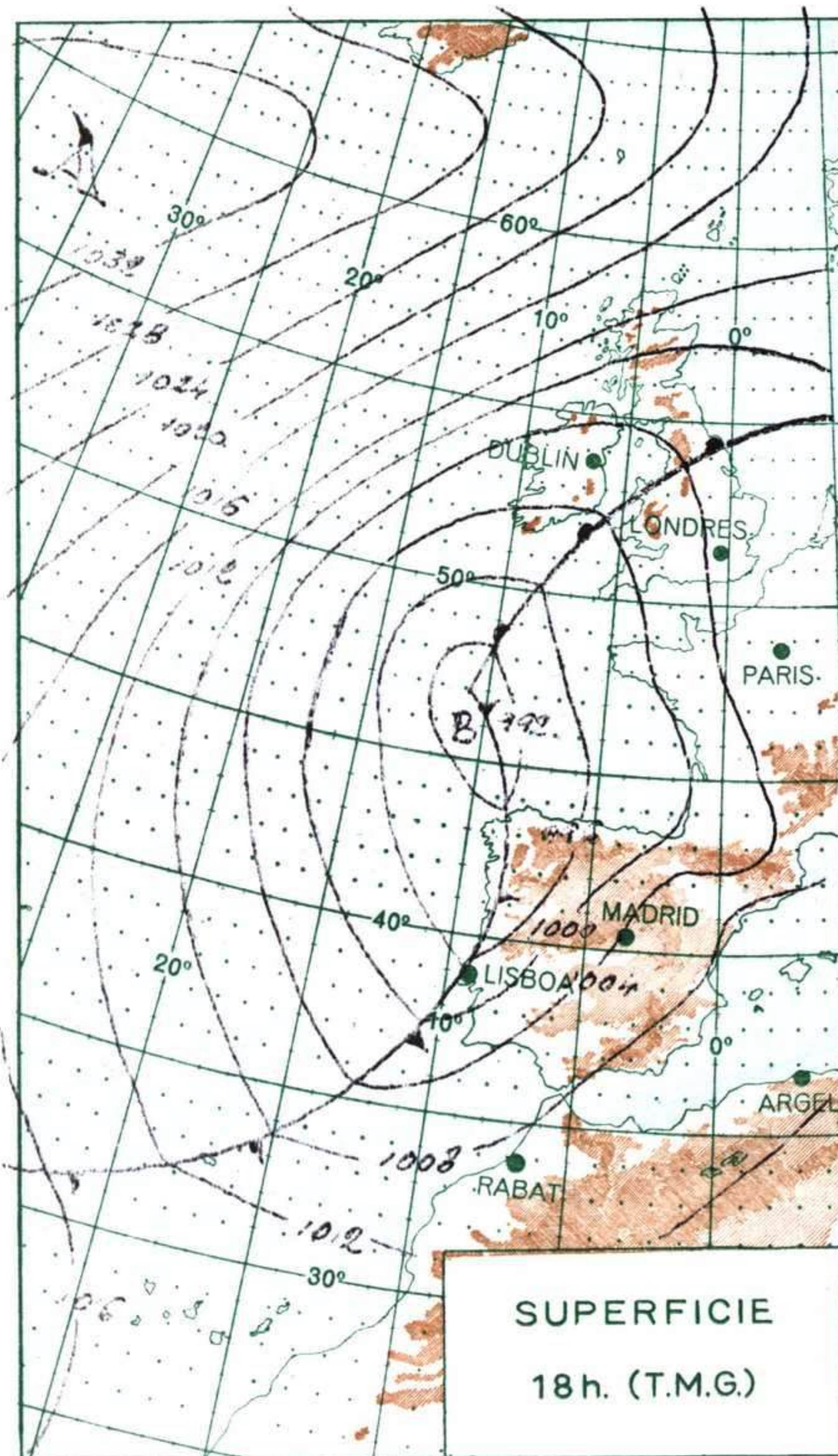
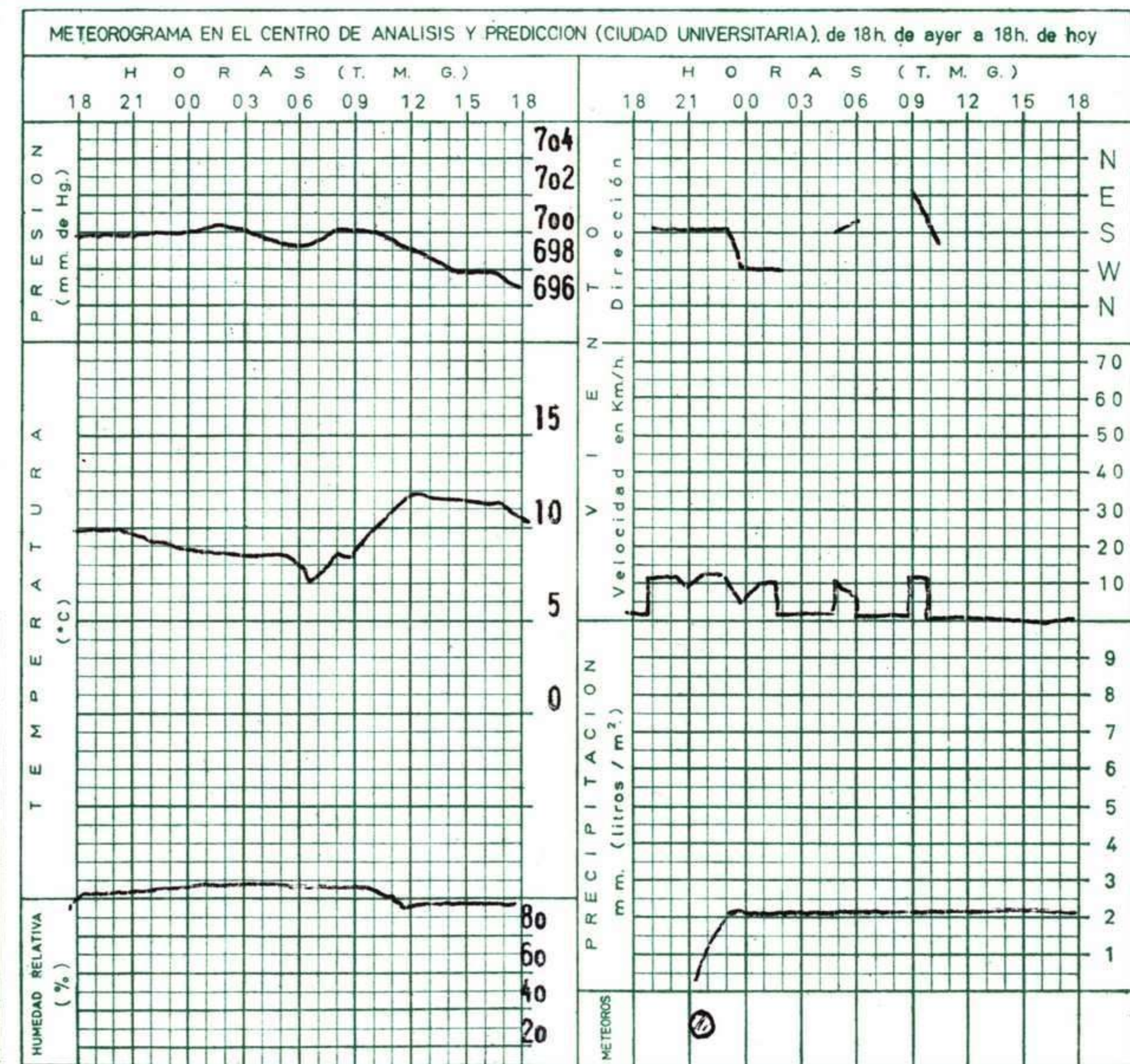
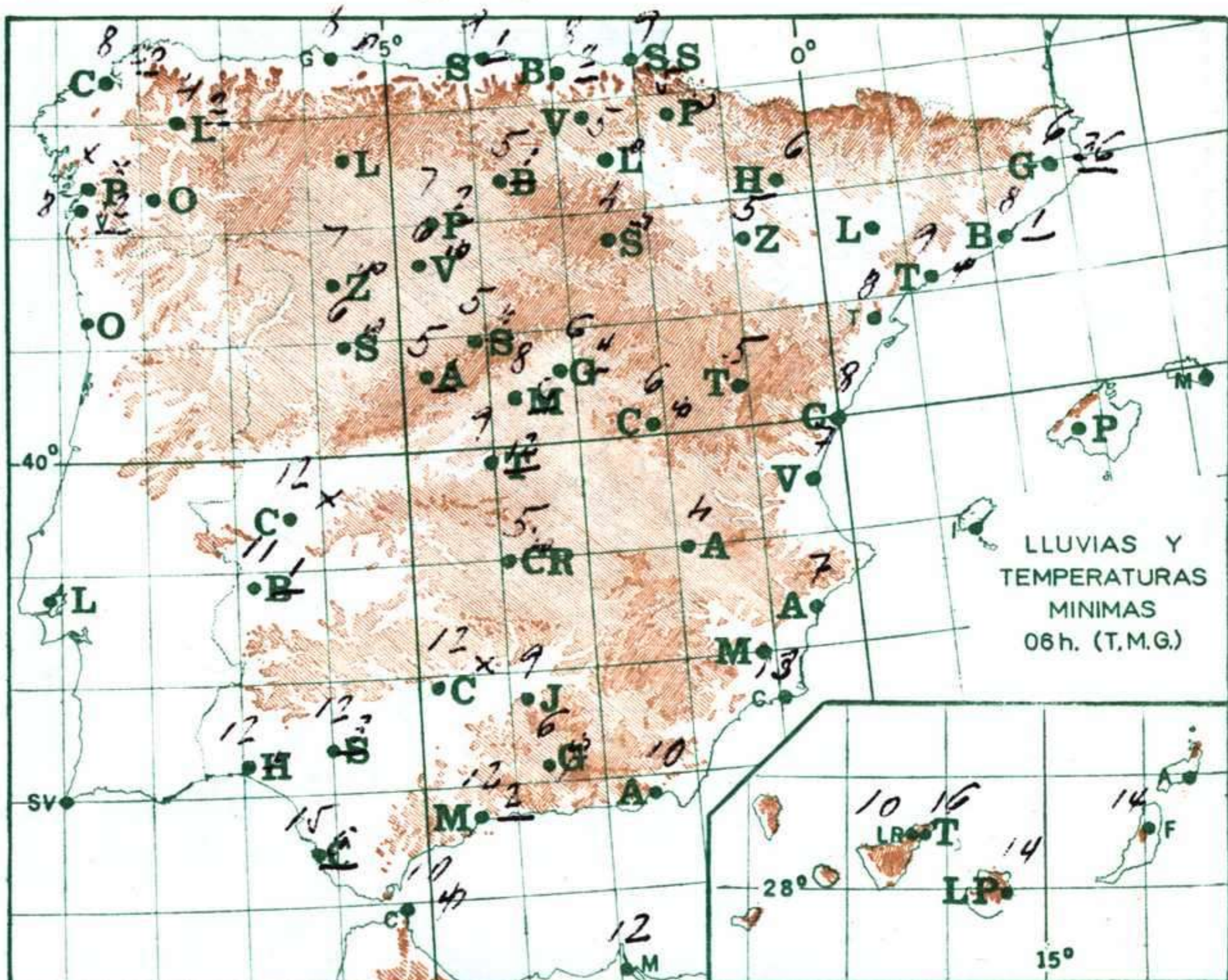
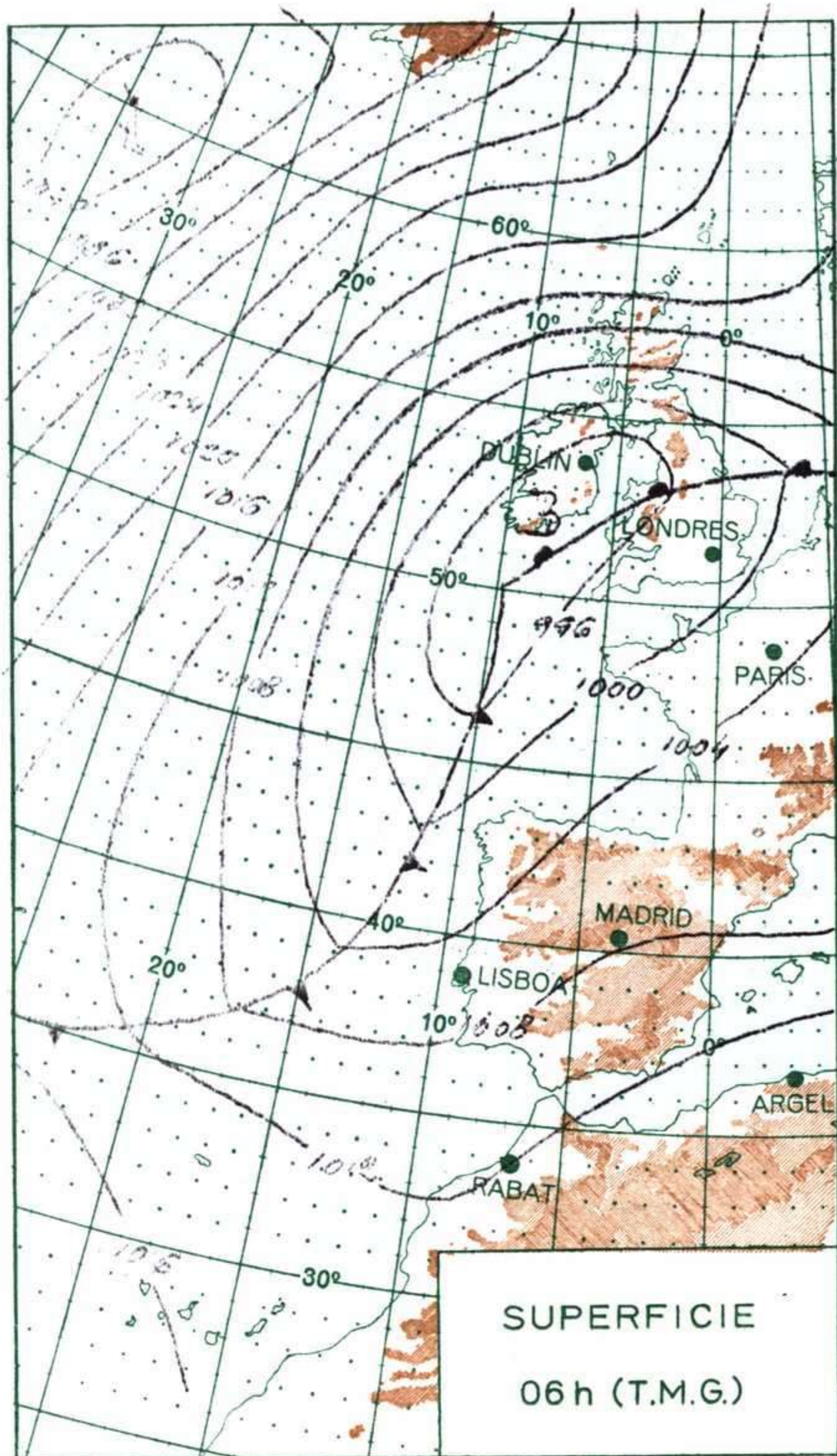
Nubosidad variable en Baleares, Sudeste, Levante y Cataluña. Nuboso con claros en Cantábrico y cubierto en el resto de España. Lluvias fuertes en Galicia, moderadas en bajo Duero, Extremadura y bajo Guadalquivir, que se extenderán durante la tarde, al Cantábrico, cabeceras del Duero y Ebro, Centro y Andalucía y de madrugada a las costas de Levante y Cataluña. Sin cambios en las temperaturas. Vientos moderados del suroeste. De madrugada, habrá nieblas en Ebro, Centro y Cantábrico.





ALTITUDES





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 | 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 | 1000 | 1000 | 71 | 1000 | | 1000 | | 1000 | |
| 850 | 850 | 850 | 1416 4 01 | 850 | | 850 | | 850 | |
| 700 | 700 | 700 | 2970 -6 00 | 700 | | 700 | | 700 | |
| 500 | 500 | 500 | 5520 -23 43 24 20 | 500 | | 500 | | 500 | |
| 400 | 400 | 400 | 7120 -36 25 23 | 400 | | 400 | | 400 | |
| 300 | 300 | 300 | 9060 -52 24 24 | 300 | | 300 | | 300 | |
| 250 | 250 | 250 | | 250 | | 250 | | 250 | |
| 200 | 200 | 200 | | 200 | | 200 | | 200 | |
| 150 | 150 | 150 | | 150 | | 150 | | 150 | |
| 100 | 100 | 100 | | 100 | | 100 | | 100 | |
| 70 | 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 |
| | | | | 935 9 04 | | | | | |
| | | | | 760 -1 00 | | | | | |
| | | | | 600-13 00 | | | | | |
| | | | | 466 -27 56 | | | | | |
| | | | | 427 -32 56 | | | | | |
| | | | | 300 -52 | | | | | |
| 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 | 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 X | 1000 | 1000 | 67 | 1000 | | 1000 | 120 22 59 18 04 | 1000 | |
| 850 1319 0 00 14 08 | 850 | 850 | 1417 5 15 20 14 | 850 | | 850 | 1507 9 41 27 08 | 850 | |
| 700 2861 -7 00 20 29 | 700 | 700 | 2974 -4 21 22 23 | 700 | | 700 | 3096 2 59 26 18 | 700 | |
| 500 5400 -25 07 | 500 | 500 | 5530 -23 50 22 32 | 500 | | 500 | 5750 -12 28 48 | 500 | |
| 400 6980 -39 25 | 400 | 400 | 7130 -35 60 22 41 | 400 | | 400 | 7420 -24 28 58 | 400 | |
| 300 8870 -56 | 300 | 300 | 9080 -50 22 65 | 300 | | 300 | 9470 -38 28 56 | 300 | |
| 250 10020 -58 | 250 | 250 | 10240 -60 22 70 | 250 | | 250 | 10700 -48 29 60 | 250 | |
| 200 | 200 | 200 | 11630 -60 25 37 | 200 | | 200 | 11400 -58 29 x | 200 | |
| 150 | 150 | 150 | 13440 -59 23 65 | 150 | | 150 | 13900 -68 29 70 | 150 | |
| 100 | 100 | 100 | 15990 -56 23 30 | 100 | | 100 | 16350 -65 | 100 | |
| 70 | 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 |
| 993 7 04 | 394 -40 29 | | | 935 10 20 | 187 -62 | | | 1011 23 59 | |
| 916 2 00 | 330 -51 | | | 779 -1 11 | 171 -57 | | | 798 4 22 | |
| 880 1 00 | 262 -62 | | | 755 0 44 | 155 -57 | | | 775 7 63 | |
| 835 0 00 | 245 -57 | | | 637 -10 00 | 143 -62 | | | 648 -1 63 | |
| 803 -1 00 | 230 -59 | | | 414 -33 60 | 129 -55 | | | 602 -1 | |
| 739 -4 00 | 206 -55 | | | 357 -40 59 | 115 -59 | | | 292 -39 | |
| 640 -12 00 | 156 -55 | | | 244 -61 | | | | 160 -69 | |
| 535 -21 00 | | | | 208 -60 | | | | | |

| VIENTO EN ALTITUD | Estación | | | | | | | | | | | | | | | | | | |
|-------------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | Indicativo | | | | | | | | | | | | | | | | | | |
| | Día/hora | | | | | | | | | | | | | | | | | | |
| | 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 | dd ff |
| | Tierra | | | | | | | | | | | | | | | | | | |
| | 1 000 | | | | | | | | | | | | | | | | | | |
| | 1 500 | | | | | | | | | | | | | | | | | | |
| | 2 000 | | | | | | | | | | | | | | | | | | |
| | 3 000 | | | | | | | | | | | | | | | | | | |
| | 4 000 | | | | | | | | | | | | | | | | | | |
| | 5 500 | | | | | | | | | | | | | | | | | | |
| | 7 000 | | | | | | | | | | | | | | | | | | |
| | 9 000 | | | | | | | | | | | | | | | | | | |
| | 10 500 | | | | | | | | | | | | | | | | | | |
| | 12 000 | | | | | | | | | | | | | | | | | | |

