



MINISTERIO DEL AIRE

Boletín diario del Servicio Meteorológico Nacional

AÑO XX

2ª Epoca

MADRID SABADO 20 DE MARZO DE 1971

Núm. 79

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. | Mín. | Noche | Día | | | Máx. | Mín. | Noche | Día | | | Máx. | Mín. | Noche | Día | | |
| La Coruña | 11 | 6 | 1 | ip | 4.1 | Navacerrada (*) | -4 | -7 | 12 | 7 | 0.0 | Castellón | 13 | 7 | 2 | | 3.7 | MAXIMA: 16° en Huelva, Murcia y Sevilla MINIMA: 2° bajo cero en Avila |
| Monteventoso Bares | 9 | 4 | 2 | ip | | Madrid/Barajas | 10 | 0 | 6 | 1 | 3.2 | Valencia (A) | 16 | 6 | 2 | ip | 0.8 | |
| Lugo (P.Centro) | 8 | 1 | 3 | 2 | 4.0 | Madrid | 10 | 1 | 7 | ip | 3.8 | Valencia | 15 | | | ip | | |
| Santiago (A) | 8 | X | X | 6 | | Madrid/CVientos | 9 | 1 | 7 | ip | 4.0 | Alicante (A) | 16 | 8 | | | 0.6 | |
| Pontevedra | 13 | 7 | 5 | 7 | 1.5 | Getafe | 9 | 2 | 6 | | 3.2 | Alicante | 15 | 8 | | | 0.4 | |
| Vigo (A) | 10 | X | X | 3 | | Guadalajara | 9 | 1 | 7 | | | Aitana | 11 | | | | 0.0 | |
| Vigo | 12 | 5 | 3 | 3 | 5.0 | Toledo | 9 | 3 | 9 | ip | 0.0 | Murcia/Alcant | 16 | 7 | 1 | | 0.0 | |
| Orense | | | | | | Cuenca | 6 | 0 | 5 | 1 | 1.4 | Murcia | 16 | 8 | 1 | | 0.4 | |
| Ponferrada | 6 | 2 | 1 | 3 | | Molina de Arag | X | | | X | | Castillo Galeras | 16 | 9 | ip | ip | | |
| | | | | | | Ciudad Real | 9 | 0 | 2 | ip | 0.0 | San Javier | 18 | 7 | | | 1.3 | |
| Asturias (A) | 9 | | X | 4 | | Albacete (A) | 9 | 1 | 4 | ip | 0.0 | | | | | | | OBSERVACIONES DE MADRID (Parque del Retiro) |
| Gijón | 11 | 6 | 7 | 5 | 7.1 | Cáceres | 10 | 2 | | ip | | Sevilla (A) | 16 | 4 | | | 0.0 | |
| Santander (A) | | | | | | Badajoz (A) | 15 | 3 | | | 0.9 | Córdoba (A) | 14 | 4 | 1 | | 0.0 | |
| Santander | 11 | 6 | 4 | 7 | 10.0 | | | | | | | Jaén | | | | | | |
| Bilbao (A) | 11 | 6 | 1 | 3 | 8.8 | Vitoria (A) | 7 | 2 | 1 | 8 | | Granada (A) | 5 | 2 | 12 | 4 | 0.0 | |
| S.Sebastián/Ig | 9 | 5 | 1 | 3 | 8.1 | Logroño | 8 | 5 | ip | 2 | 8.4 | Huelva | 16 | 7 | | | 0.5 | |
| S.Sebastián(A) | 11 | 6 | 9 | 2 | 8.0 | Logroño (A) | 8 | 5 | | ip | 8.4 | Jerez de la F.ª (A) | 15 | 6 | | | 0.0 | |
| | | | | | | Pamplona | 7 | 4 | ip | 4 | 8.3 | Cádiz | 15 | 9 | | | 0.0 | |
| | | | | | | Huesca/Monfl | 7 | 4 | | 2 | 5.8 | San Fernando | | 9 | | | 0.0 | |
| | | | | | | Candanchú (*) | 0 | -4 | 18 | 13 | | Tarifa | 14 | 7 | 13 | ip | 1.5 | |
| | | | | | | Veruela | | | | | | Málaga (A) | 14 | 7 | | ip | 0.0 | |
| León (A) | 6 | -1 | ip | ip | 9.3 | Daroca | 6 | | | 7 | | Almería (A) | 15 | 8 | 6 | | 3.2 | |
| Zamora | 8 | 2 | | ip | 0.0 | Zaragoza (A) | 9 | 6 | 13 | ip | 4.3 | | | | | | | PRESIONES Máx. 696,2 mm. a 18,00 hoy Mín. 691,0 mm. a 18,00 ayer a 1 h. 691,7 a 13 h. 695,0 a 7 h. 693,7 a 18 h. 696,2 |
| Palencia | | 1 | | | 2.6 | Zaragoza | 9 | 7 | 17 | ip | | | | | | | | |
| Burgos (A) | 4 | | | 1 | | Calamocha | 4 | -1 | 10 | 9 | 3.0 | Palma de M.ª (A) | 13 | 10 | 12 | ip | 0.0 | |
| Burgos | | | 1 | ip | 4.0 | Teruel | 6 | 1 | 4 | 1 | | Mahón (A) | 13 | 12 | 5 | 1 | 10.0 | |
| Valladolid (A) | 6 | -1 | | ip | 1.8 | | | | | | | Ibiza (A) | 14 | 9 | 5 | | 0.0 | |
| Valladolid | 8 | 1 | | ip | 2.4 | Lérida | 9 | 7 | 4 | 16 | 6.6 | S.ª C. de la Palma (A) | 19 | 15 | | ip | 3.0 | |
| Soria | 6 | 0 | | | 0.0 | Montseny (*) | | -3 | 14 | | 4.2 | Izaña (*) | 8 | 2 | | | 11.4 | |
| Salamanca (A) | 8 | 0 | | ip | 0.0 | Gerona (A) | 8 | | 7 | | | SC. de Tenerife (A) | 14 | 10 | | | 4.6 | |
| Avila | 3 | -2 | 1 | 1 | 2.5 | La Molina (*) | | -7 | 11 | | 1.6 | S.ª C. de Tenerife | 19 | | | | 6.6 | |
| Segovia | 5 | -1 | ip | 1 | 0.2 | Barcelona | | 8 | 12 | | 4.6 | Las Palmas (A) | 19 | 15 | | | 5.5 | |
| | | | | | | Barcelona (A) | 12 | 8 | 18 | 19 | 3.5 | Fuerteventura (A) | X | 16 | | | 5.2 | |
| | | | | | | Reus (A) | 10 | 7 | 4 | 7 | 4.0 | Lanzarote (A) | 19 | 13 | ip | | 1.5 | |
| | | | | | | Tarragona | 13 | 8 | 6 | 2 | 2.7 | Ceuta | 11 | 6 | 11 | | 3.8 | |
| | | | | | | Tortosa | 10 | 6 | 17 | 1 | 4.6 | Melilla | 18 | 8 | 12 | | 10.0 | |
| | | | | | | | | | | | | V.Cisneros (A) | 23 | 15 | | | | |

(*) 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

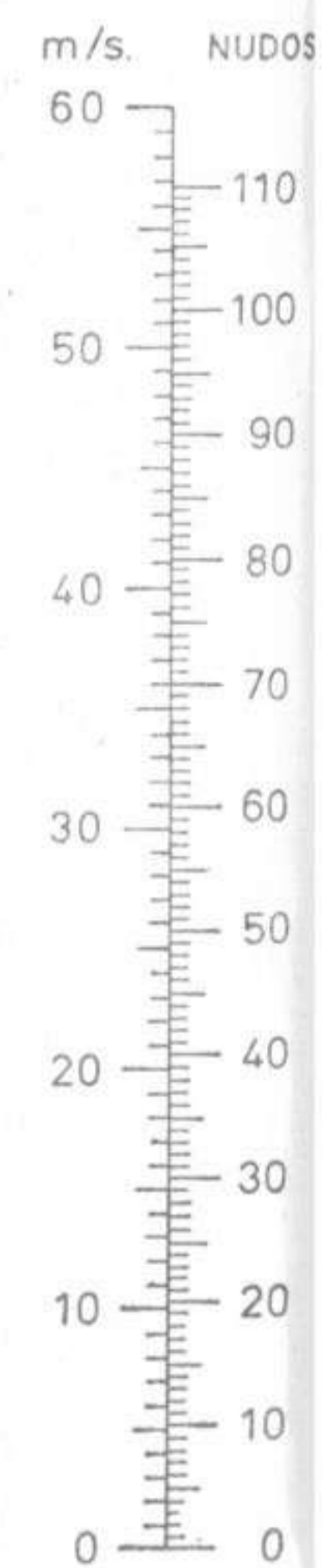
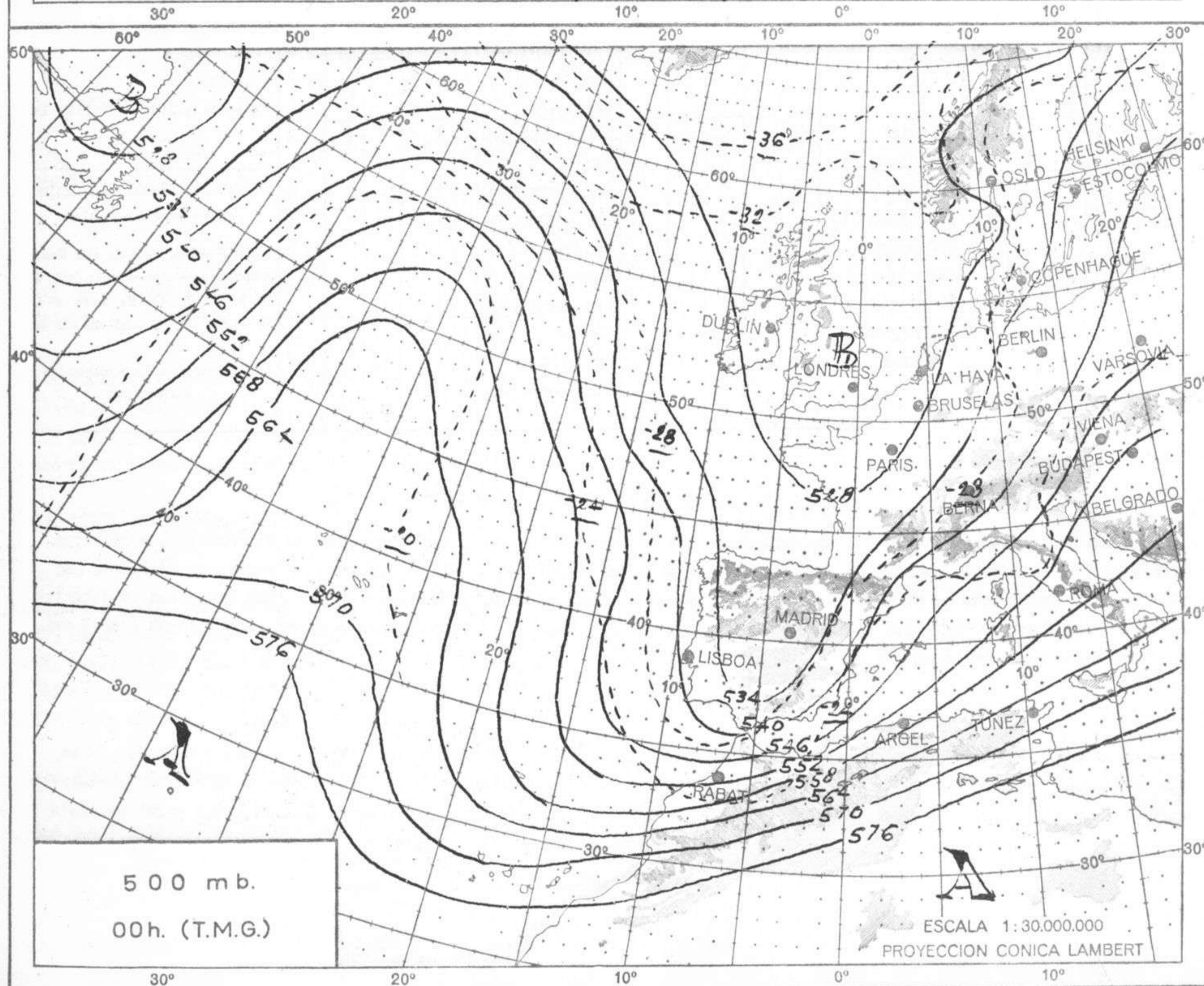
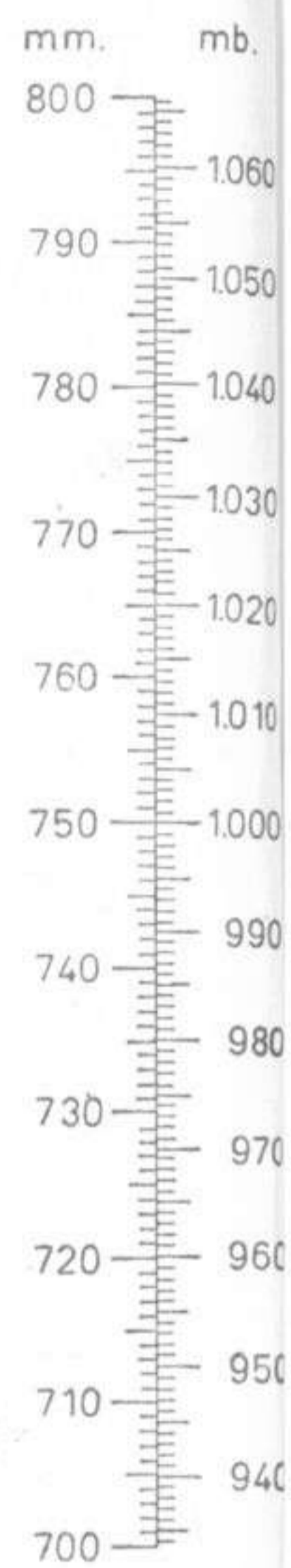
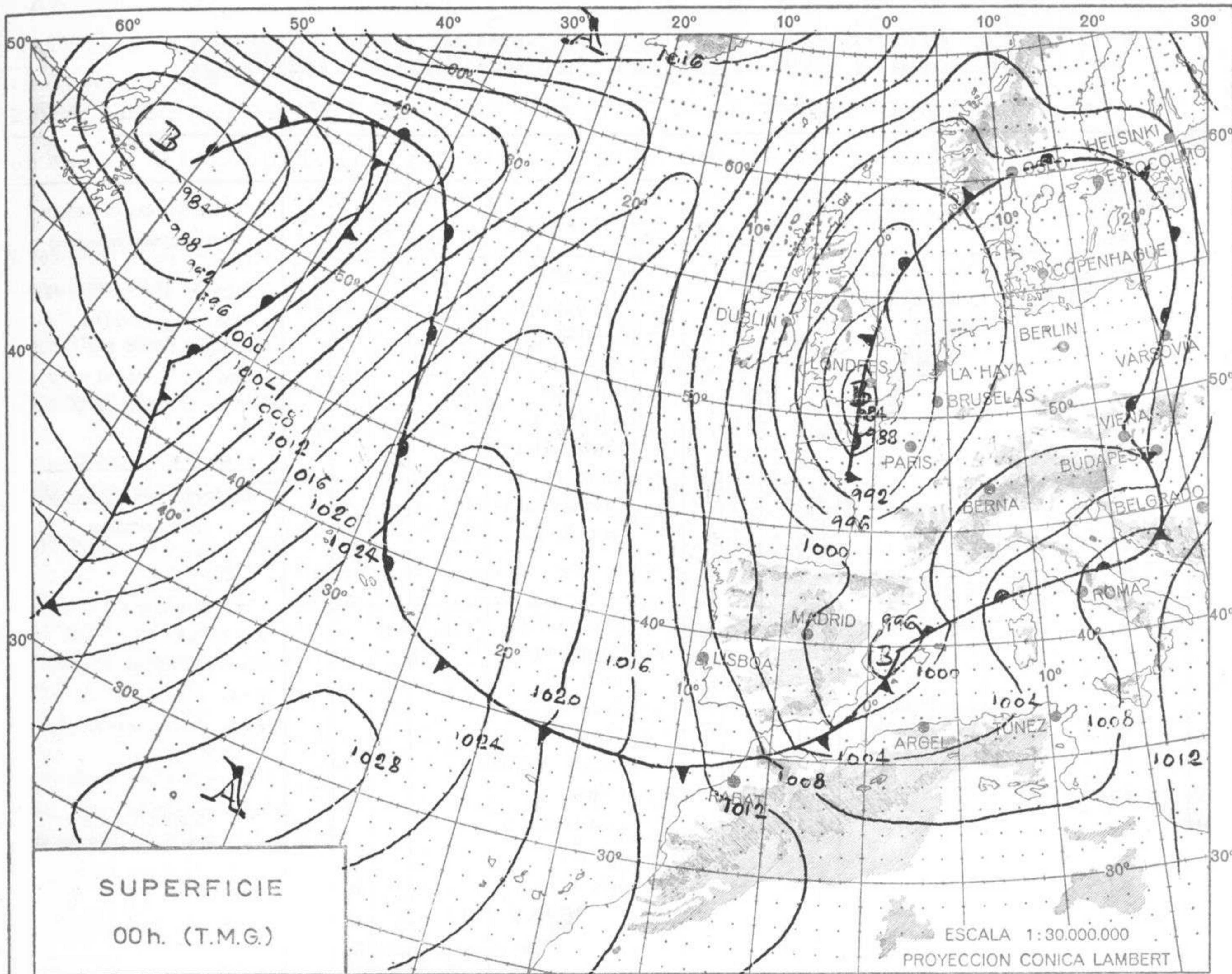
Las horas de sol corresponden al día de ayer.

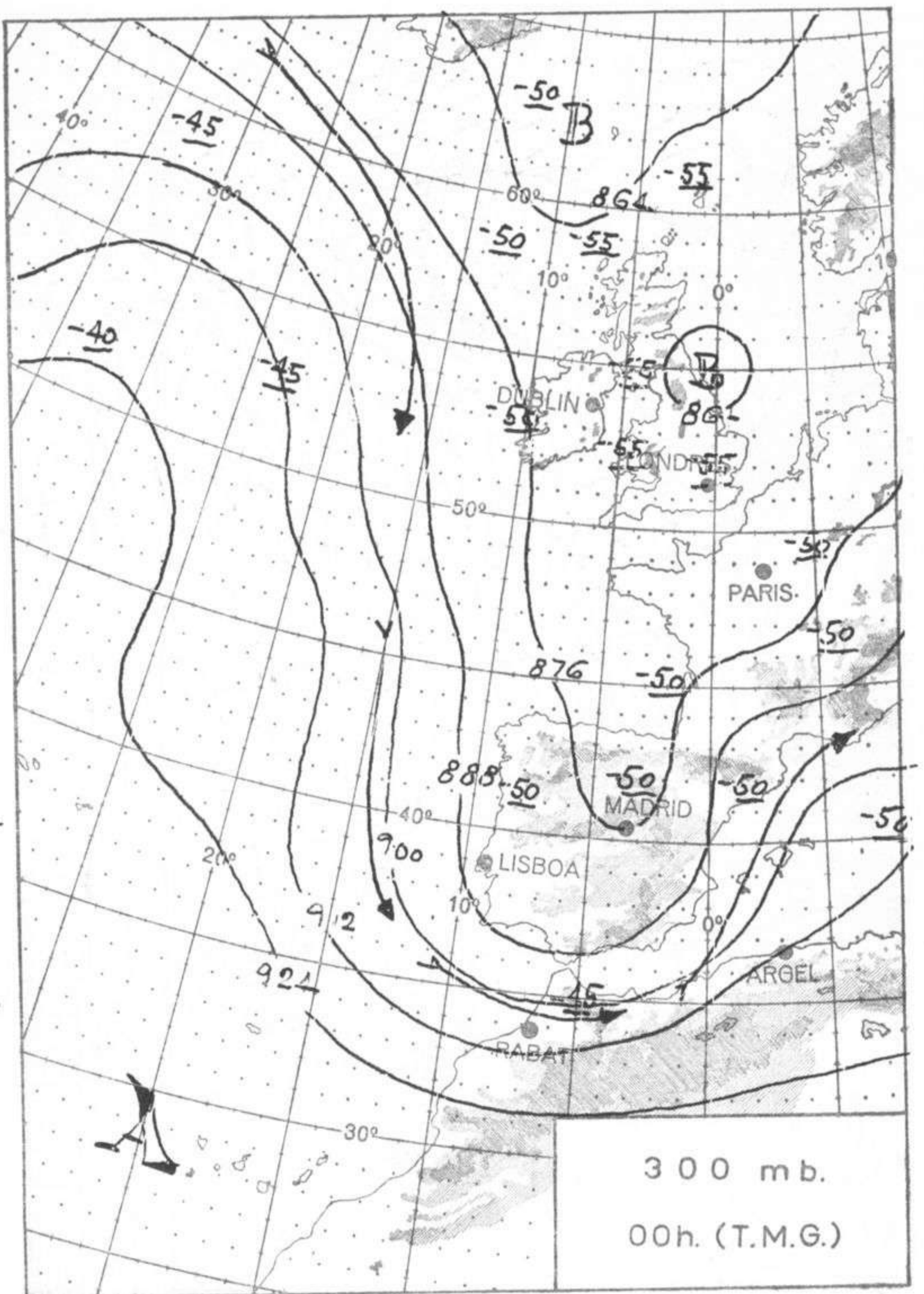
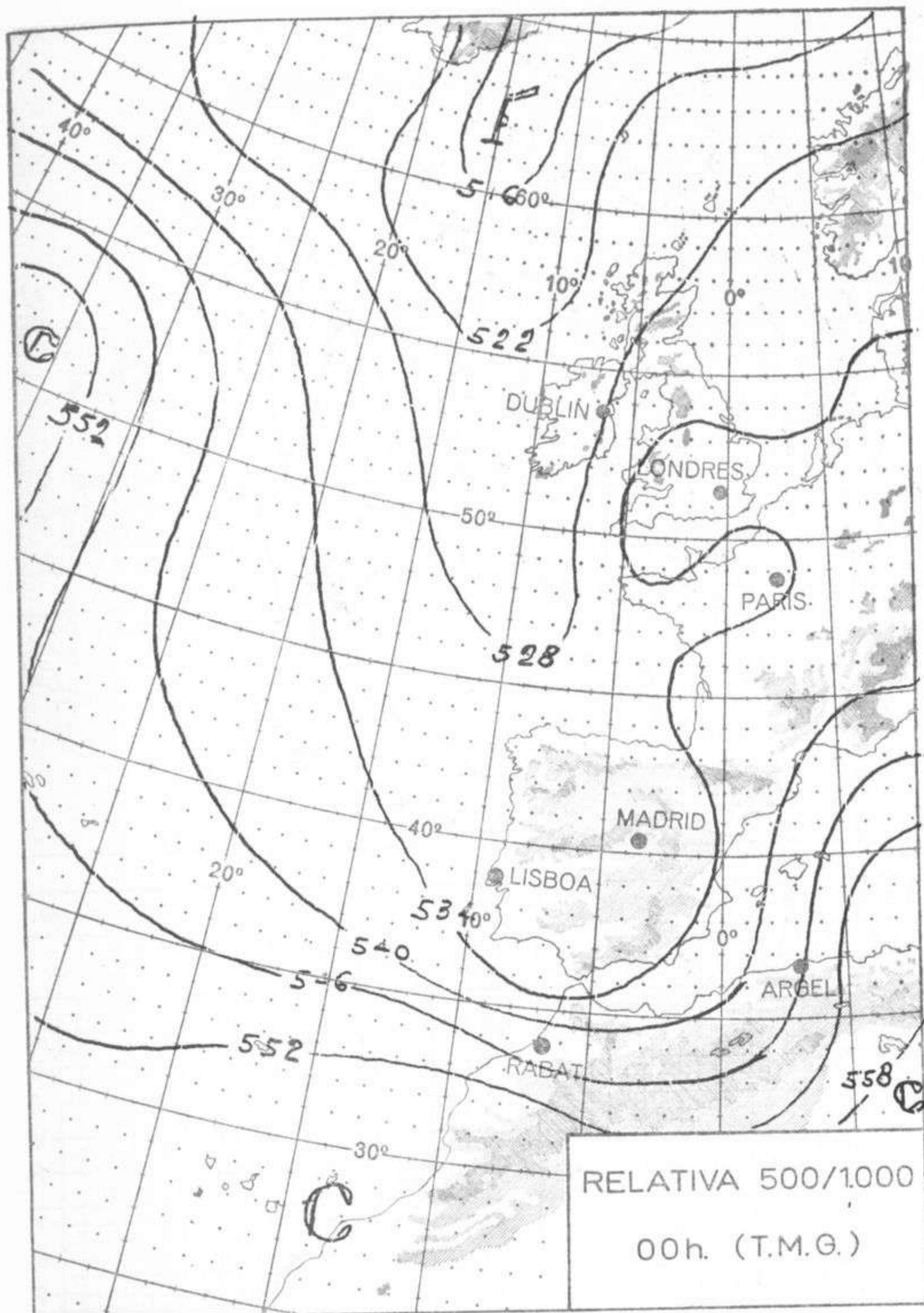
INFORMACION GENERAL DE LAS ULTIMAS 24 HORAS (DE 19 HORAS DE AYER A 19 HORAS DE HOY, HORA OFICIAL).

En las últimas 24 horas el cielo estuvo muy nuboso con claros y precipitaciones muy irregulares en la Península y Baleares. Hubo nevadas en las cordilleras de la mitad norte y puntos de las cuencas altas del Duero y Ebro. Se recogieron 37 litros por metro cuadrado en el Aeropuerto de Barcelona, 17 en Zaragoza, 20 en Lérida, 12 en Pontevedra y Gijón. Hubo tormentas en Asturias y Cataluña. En Canarias hubo nubosidad variable y a última hora había lloviznas en la isla de La Palma. Los vientos fueron del noroeste en Cantábrico, Ebro, Levante y del oeste en Baleares.

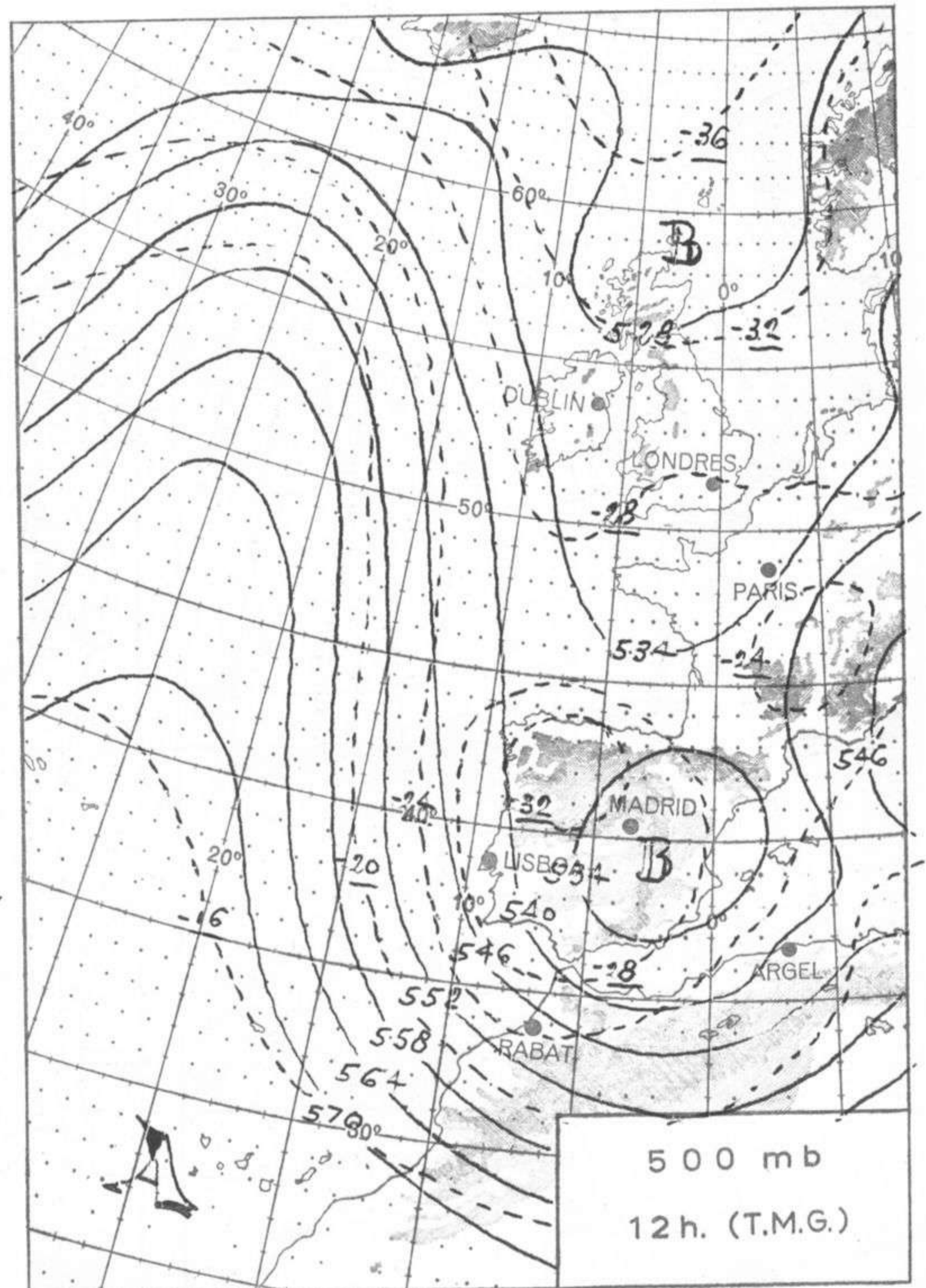
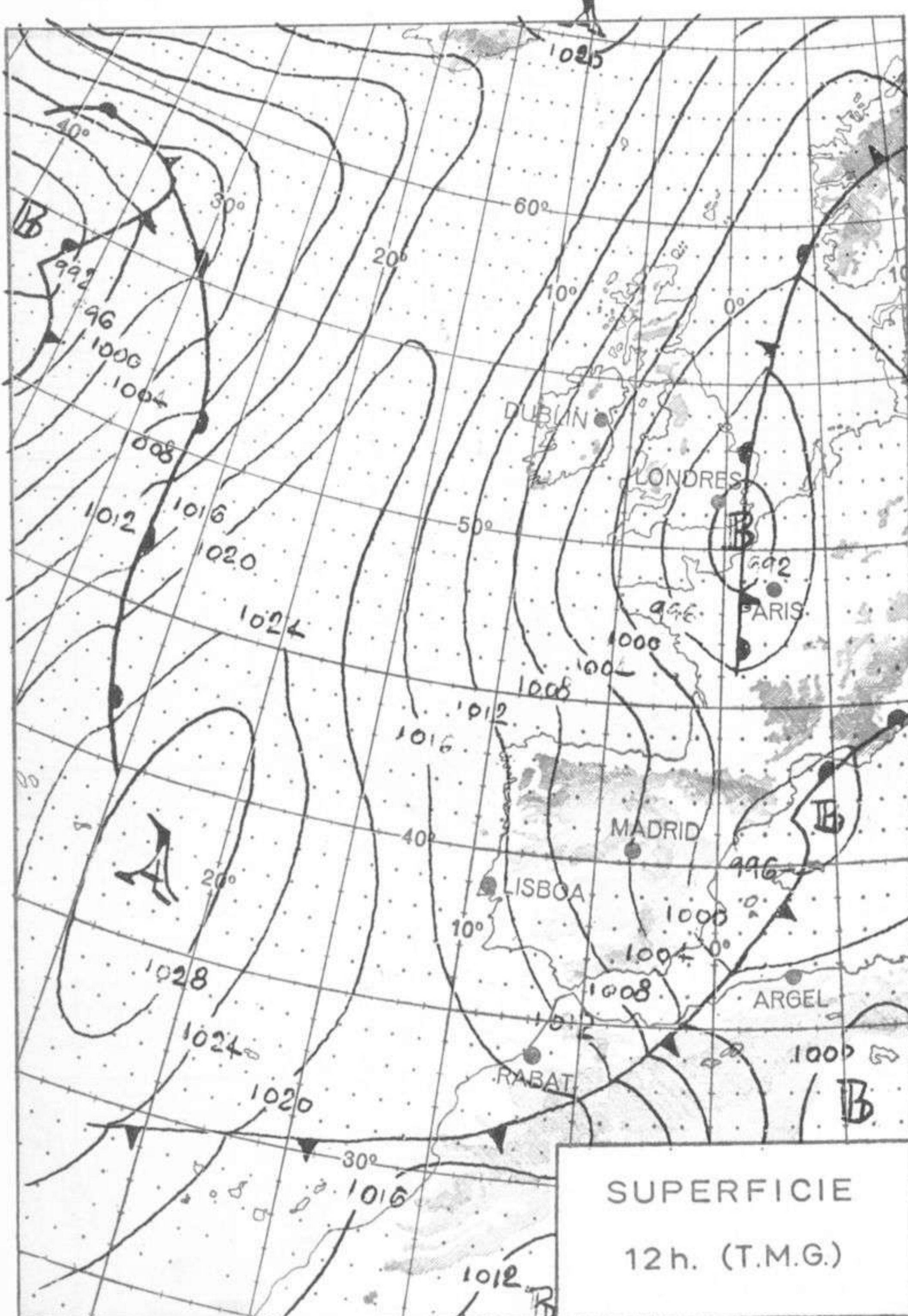
PREDICCIÓN PARA EL DOMINGO DIA 21.

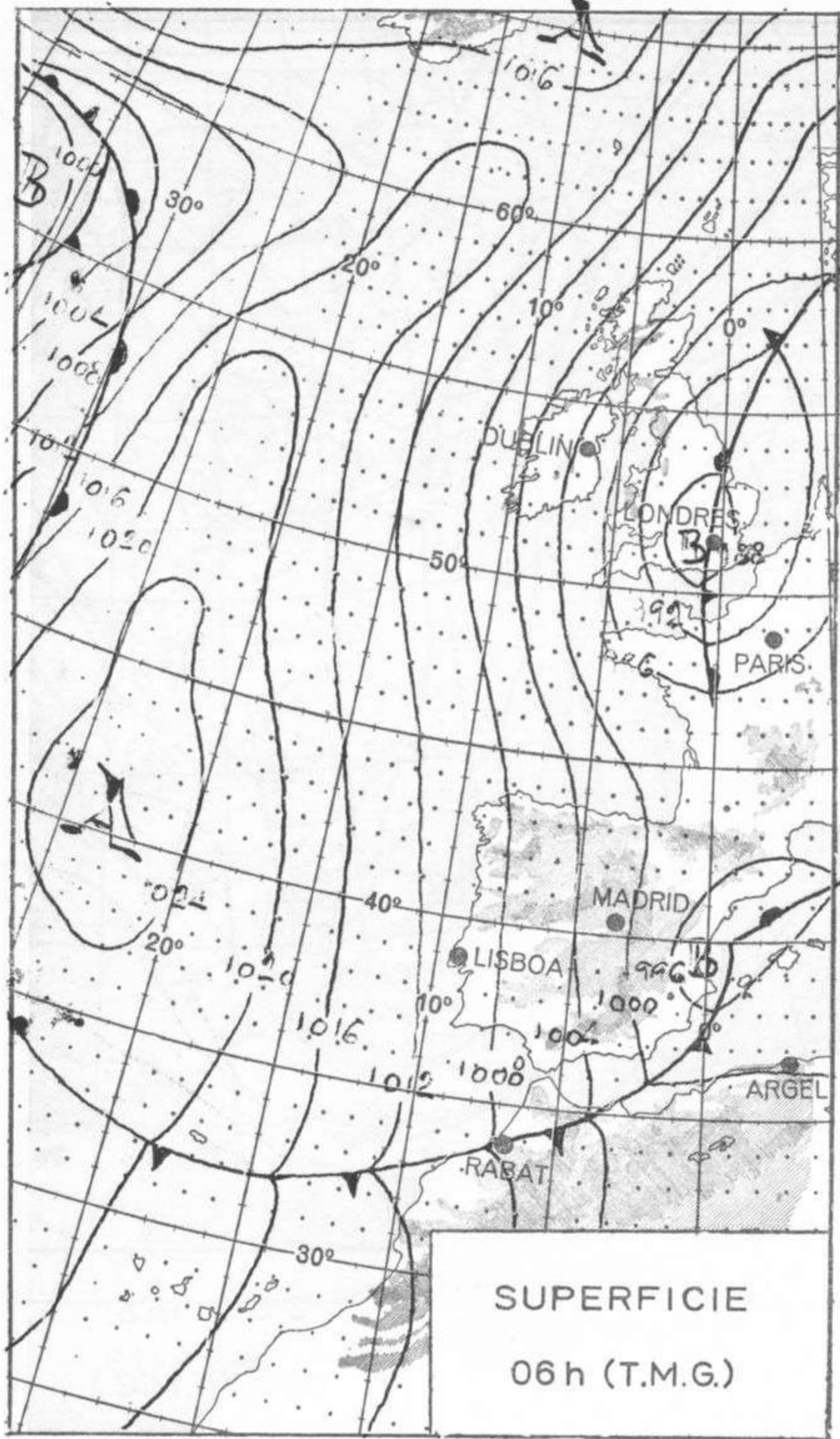
Continuará el cielo muy nuboso con claros y chubascos ocasionales en Galicia, Cantábrico, Ebro, Cataluña y Baleares, y en forma más débil y aislada en Duero y Centro. Cubierto con nevadas en las cordilleras de la mitad norte de la Península. Nubosidad variable en las demás regiones. Sin cambios en las temperaturas. Vientos fuertes del norte en Cantábrico y del noroeste en Ebro, Duero y Levante, moderados en el resto. En Canarias serán moderados del nordeste.



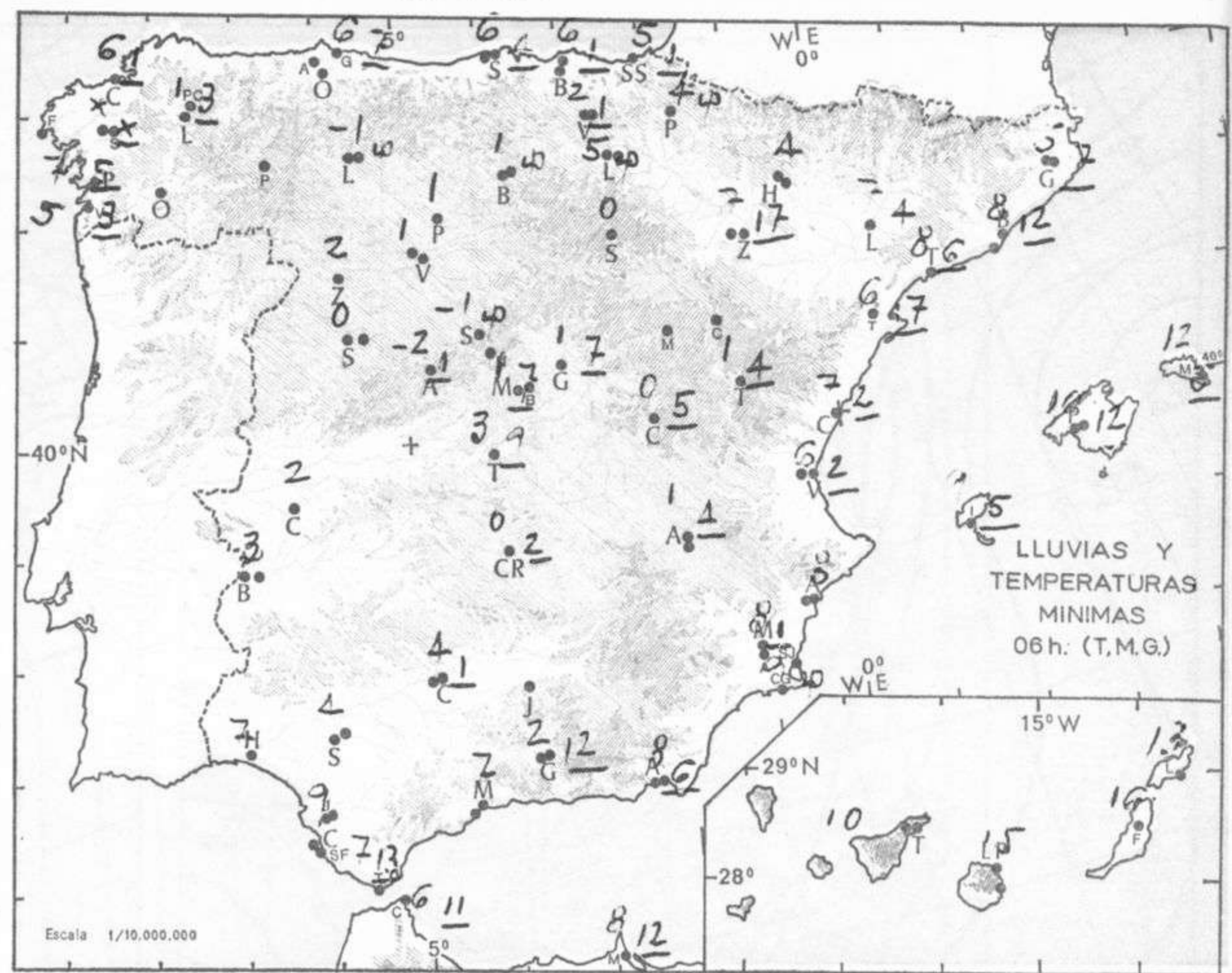
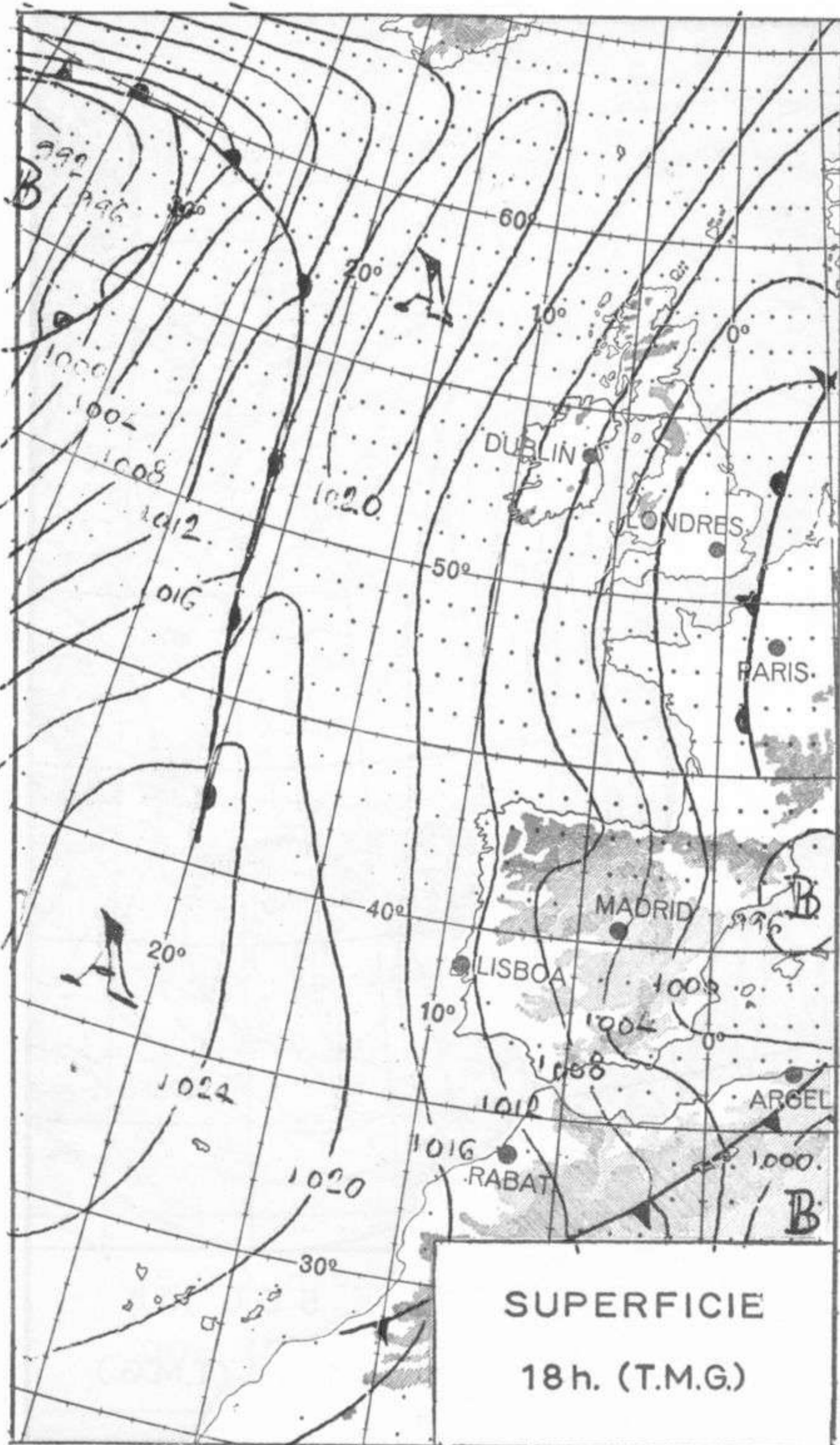


ALTITUDES



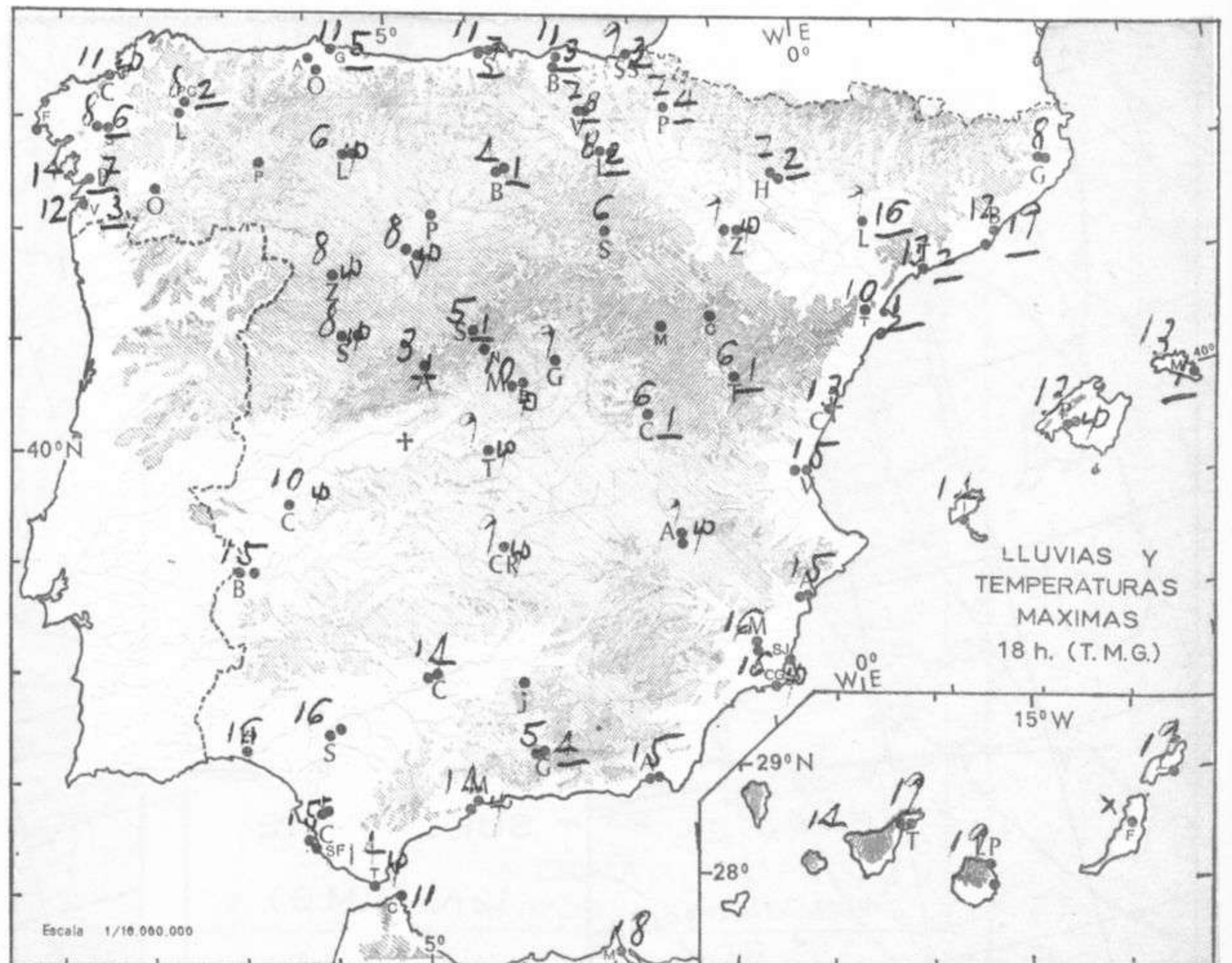


ALTITUDES mts.
 >2000 2000 1000 500 0



METEOROGRAMA EN EL CENTRO DE ANALISIS Y PREDICCIÓN (CIUDAD UNIVERSITARIA) de 18h. de ayer a 18h. de hoy.

| | H O R A S (T. M. G.) | | | | | | | | H O R A S (T. M. G.) | | | | | | | | | |
|---------------------------------|----------------------|----|----|----|----|----|----|----|----------------------|----|----|----|----|----|----|----|----|----|
| | 18 | 21 | 00 | 03 | 06 | 09 | 12 | 15 | 18 | 18 | 21 | 00 | 03 | 06 | 09 | 12 | 15 | 18 |
| PRESIÓN (m.m. de Hg.) | | | | | | | | | | | | | | | | | | |
| TEMPERATURA (°C) | | | | | | | | | | | | | | | | | | |
| HUMEDAD RELATIVA (%) | | | | | | | | | | | | | | | | | | |
| PRECIPITACION (mm. (litros/m²)) | | | | | | | | | | | | | | | | | | |
| VELOCIDAD (Km/h.) | | | | | | | | | | | | | | | | | | |
| DIRECCIÓN | | | | | | | | | | | | | | | | | | |
| METEOROS | | | | | | | | | | | | | | | | | | |



MADRID, Día 20 de MARZO de 1971

Núm. 79

| R A D I O S O N D E O S | | | | | | | | VIENTO EN ALTITUD | | | | | | | | | | | | | | | |
|---------------------------|-----------------|---------------------------------------|-----|--|----|---|-------|-------------------------|-------|-------------------------|-------|-------------------------|-------|-------------------------|-----|-------------------------|----|-------------------------|-----|-------------------------|--|-------------------------|------------|
| L A C O R U Ñ A 08 001 | | M A D R I D / B A R A J A S 08 221 | | P A L M A D E M. / S O N B O N E T 08 302 | | S A N T A C R U Z D E T E N E R I F E 60 020 | | Estación | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | |
| PPP hhh TT DD dd ff | | PPP hhh TT DD dd ff | | PPP hhh TT DD dd ff | | PPP hhh TT DD dd ff | | Dia/hora | | | | | | | | | | | | | | | |
| Altitud dd ff | | Altitud dd ff | | Altitud dd ff | | Altitud dd ff | | | dd ff | dd ff | dd ff | | | | | | | | | | | | |
| Presiones tipo | 1.000 | 39 | | | | 1.000 | -5 | | | | | Tierra | | | | | | | | | | | |
| | 850 | 1354 | -2 | 58 | 34 | 29 | 850 | 1315 | 0 | 18 | 34 | 17 | 850 | 1342 | 4 | 07 | 21 | 31 | 850 | | | | |
| | 700 | 2875 | -14 | 43 | 35 | 21 | 700 | 2831 | -13 | 27 | 35 | 27 | 700 | 2897 | -5 | 01 | | | 700 | | | | |
| | 500 | 5340 | -32 | 62 | 33 | 31 | 500 | 5310 | -31 | 15 | 32 | 07 | 500 | 5450 | -23 | 27 | | | 500 | | | | |
| | 400 | 6880 | -43 | | 32 | 23 | 400 | 5850 | -45 | | 25 | 09 | 400 | 7050 | -35 | 32 | | | 400 | | | | |
| | 300 | 8770 | -54 | | 31 | 21 | 300 | 8760 | -47 | | 25 | 25 | 300 | | | | | | 300 | | | | |
| | 250 | | | | | | 250 | 9970 | -47 | | | | 250 | | | | | | 250 | | | | |
| | 200 | | | | | | 200 | | | | | | 200 | | | | | | 200 | | | | |
| | 150 | | | | | | 150 | | | | | | 150 | | | | | | 150 | | | | |
| | 100 | | | | | | 100 | | | | | | 100 | | | | | | 100 | | | | |
| | 70 | | | | | | 70 | | | | | | 70 | | | | | | 70 | | | | |
| | 50 | | | | | | 50 | | | | | | 50 | | | | | | 50 | | | | |
| | 30 | | | | | | 30 | | | | | | 30 | | | | | | 30 | | | | |
| | 20 | | | | | | 20 | | | | | | 20 | | | | | | 20 | | | | |
| | 10 | | | | | | 10 | | | | | | 10 | | | | | | 10 | | | | |
| | Puntos notables | 998 | 9 | 39 | | | 925 | 3 | 09 | | | | 994 | 10 | 06 | | | | | | | | |
| 818 | | -4 | 59 | | | 889 | 1 | 09 | | | | 968 | 10 | 00 | | | | | | | | | 1.000 |
| 726 | | -12 | 20 | | | 860 | 1 | 16 | | | | 803 | 1 | 11 | | | | | | | | | 1.500 |
| 655 | | -17 | 61 | | | 766 | -8 | 05 | | | | 774 | 0 | 03 | | | | | | | | | 2.000 |
| 621 | | -20 | 09 | | | 692 | -12 | 26 | | | | 715 | -4 | 00 | | | | | | | | | 3.000 |
| 529 | | -28 | 64 | | | 622 | -19 | 05 | | | | 580 | -15 | 16 | | | | | | | | | 4.000 |
| 423 | | -40 | 57 | | | 470 | -34 | 07 | | | | 468 | -27 | 28 | | | | | | | | | 5.500 |
| 340 | | -52 | | | | 375 | -48 | | | | | 385 | -37 | 34 | | | | | | | | | 7.000 |
| 270 | | -50 | | | | 336 | -46 | | | | | | | | | | | | | | | | 9.000 |
| | | | | | | 217 | -47 | | | | | | | | | | | | | | | | 10.500 |
| | | | | | | | | | | | | | | | | | | | | | | | 12.000 |
| | | | | | | | | | | | | | | | | | | | | | | | 13.500 |
| | | | | | | | | | | | | | | | | | | | | | | | 16.000 |
| | | | | | | | | | | | | | | | | | | | | | | | Estación |
| | | | | | | | | | | | | | | | | | | | | | | | Indicativo |
| | | | | | | | | | | | | | | | | | | | | | | | Dia/hora |
| Sondeo a 12 h. (T.M.G.) | | Sondeo a 12 h. (T.M.G.) | | Sondeo a 12 h. (T.M.G.) | | Sondeo a 12 h. (T.M.G.) | | Sondeo a 12 h. (T.M.G.) | | Sondeo a 12 h. (T.M.G.) | | Sondeo a 12 h. (T.M.G.) | | Sondeo a 12 h. (T.M.G.) | | Sondeo a 12 h. (T.M.G.) | | Sondeo a 12 h. (T.M.G.) | | Sondeo a 12 h. (T.M.G.) | | Sondeo a 12 h. (T.M.G.) | |
| Presiones tipo | 1.000 | 96 | 10 | 60 | 35 | 18 | 1.000 | | | | | 1.000 | -38 | | | | | 1.000 | | | | | Tierra |
| | 850 | 1414 | -3 | 56 | 35 | 30 | 850 | | | | | 850 | 1301 | 1 | 48 | 21 | 13 | 850 | | | | | 1.000 |
| | 700 | 2915 | -15 | 50 | 35 | 48 | 700 | | | | | 700 | 2832 | -10 | 64 | 20 | 39 | 700 | | | | | 1.500 |
| | 500 | 5370 | -33 | 62 | | | 500 | | | | | 500 | 5340 | -23 | | 18 | 90 | 500 | | | | | 2.000 |
| | 400 | 6910 | -41 | | | | 400 | | | | | 400 | 6930 | -36 | | | | 400 | | | | | 3.000 |
| | 300 | 8840 | -46 | | | | 300 | | | | | 300 | 8870 | -48 | | | | 300 | | | | | 4.000 |
| | 250 | 10060 | -46 | | | | 250 | | | | | 250 | 10080 | -47 | | | | 250 | | | | | 5.500 |
| | 200 | | | | | | 200 | | | | | 200 | | | | | | 200 | | | | | 7.000 |
| | 150 | | | | | | 150 | | | | | 150 | | | | | | 150 | | | | | 9.000 |
| | 100 | | | | | | 100 | | | | | 100 | | | | | | 100 | | | | | 10.500 |
| | 70 | | | | | | 70 | | | | | 70 | | | | | | 70 | | | | | 12.000 |
| | 50 | | | | | | 50 | | | | | 50 | | | | | | 50 | | | | | 13.500 |
| | 30 | | | | | | 30 | | | | | 30 | | | | | | 30 | | | | | 16.000 |
| | 20 | | | | | | 20 | | | | | 20 | | | | | | 20 | | | | | Estación |
| | 10 | | | | | | 10 | | | | | 10 | | | | | | 10 | | | | | Indicativo |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Puntos notables | 1005 | 10 | 59 | | | | | | | | | 990 | 13 | 58 | | | | | | | | | Tierra |
| | 879 | -1 | 57 | | | | | | | | | 840 | 0 | 44 | | | | | | | | | 1.000 |
| | 817 | -6 | 48 | | | | | | | | | 722 | -8 | 64 | | | | | | | | | 1.500 |
| | 733 | -12 | 24 | | | | | | | | | 582 | -21 | 74 | | | | | | | | | 2.000 |
| | 645 | -16 | 39 | | | | | | | | | 523 | -23 | | | | | | | | | | 3.000 |
| | 666 | -17 | 56 | | | | | | | | | 312 | -48 | | | | | | | | | | 4.000 |
| | 633 | -20 | 64 | | | | | | | | | 236 | -47 | | | | | | | | | | 5.500 |
| | 557 | -28 | 60 | | | | | | | | | | | | | | | | | | | | 7.000 |
| | 456 | -38 | 62 | | | | | | | | | | | | | | | | | | | | 9.000 |
| | 409 | -40 | 66 | | | | | | | | | | | | | | | | | | | | 10.500 |
| | 349 | -46 | | | | | | | | | | | | | | | | | | | | | 12.000 |
| | 285 | -45 | | | | | | | | | | | | | | | | | | | | | 13.500 |
| 250 | -46 | | | | | | | | | | | | | | | | | | | | | 16.000 | |