



BOLETIN DIARIO

AÑO XXI
2ª Epoca
Núm. 230.

MADRID, JUEVES 17 de AGOSTO de 1972

Dirección postal: Centro de Análisis y Predicción (Ciudad Universitaria), Apartado 285 - Madrid - 3 - (España) - Teléfono: 244 35 00
Fonometeo local: teléfono 094 - Fonometeo España: teléfono 232 69 40 de Madrid

TIEMPO PASADO (de 12 horas de ayer a 12 horas, T.M.G., de hoy):

Nubosidad y precipitaciones: El cielo ha estado muy nuboso con neblinas en Cantábrico, alto Ebro y puntos del Duero. En el resto de la mitad norte peninsular, sudeste, región del Estrecho, Baleares y Canarias la nubosidad ha sido variable; escasa, con predominio de cielos despejados, en las demás regiones. Se han registrado precipitaciones débiles en Navarra, Vascongadas, norte de Cataluña, Murcia y Melilla.

Vientos fuertes: Se han registrado del este en el Estrecho y del norte en Canarias.

Temperaturas destacables: Se han mantenido iguales a las normales en Galicia, Cantábrico occidental, Guadalquivir, litoral catalán, Canarias e inferiores en el resto de España,

PRONOSTICO PARA MAÑANA:

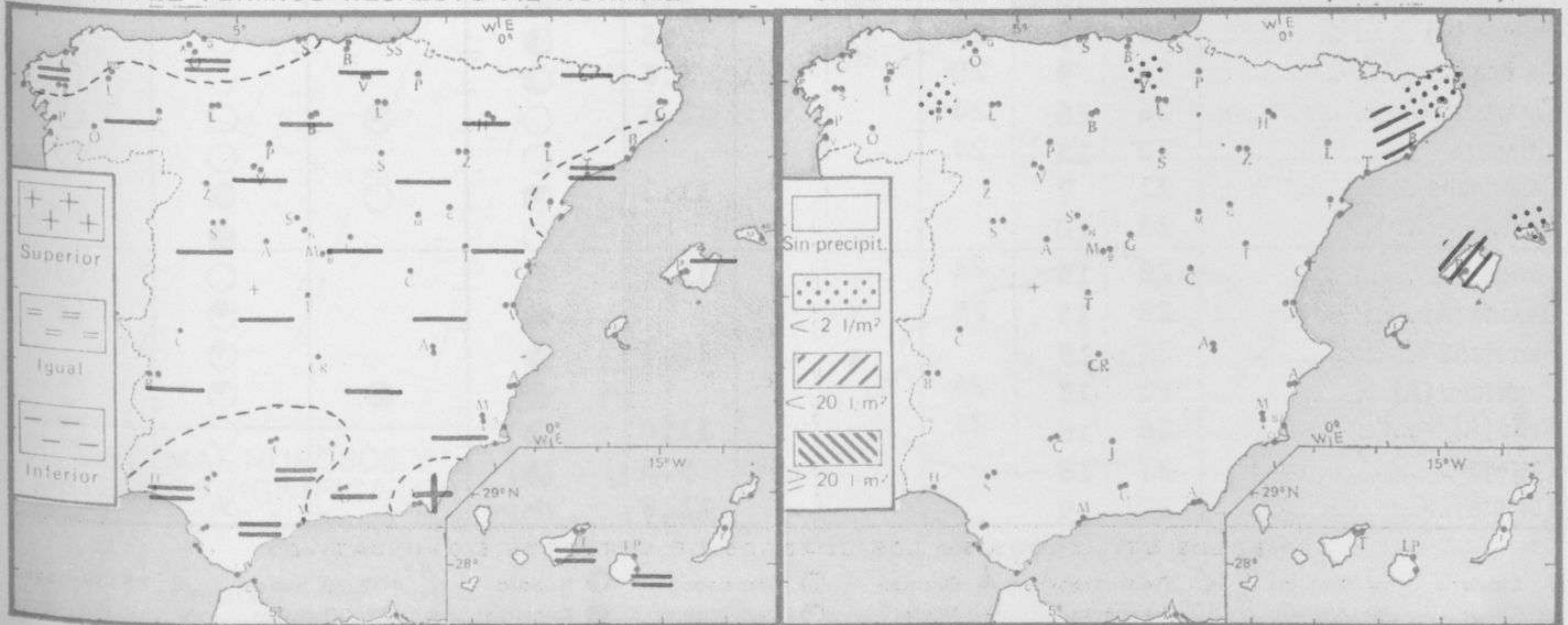
Nuboso en el Cantábrico, cabeceras del Duero, del Ebro y Pirineos con chubascos que serán más frecuentes en el golfo de Vizcaya. Nubosidad escasa de evolución diurna en el resto.

TENDENCIA PARA LOS DIAS 19 y 20.....

Día: Continuarán los chubascos en las mismas regiones aunque menos frecuentes, extendiéndose a puntos del extremo nordeste de la Península y a Baleares. Aumento de la nubosidad diurna en la mitad norte de la Península. Ligero descenso de las temperaturas, sobre todo en el cuadrante nordeste. **Día 20:** Continuará con análogas características.

NIVEL TERMICO RESPECTO AL NORMAL

AREAS CON PRECIPITACION (12 h. ayer a 12 h. hoy)

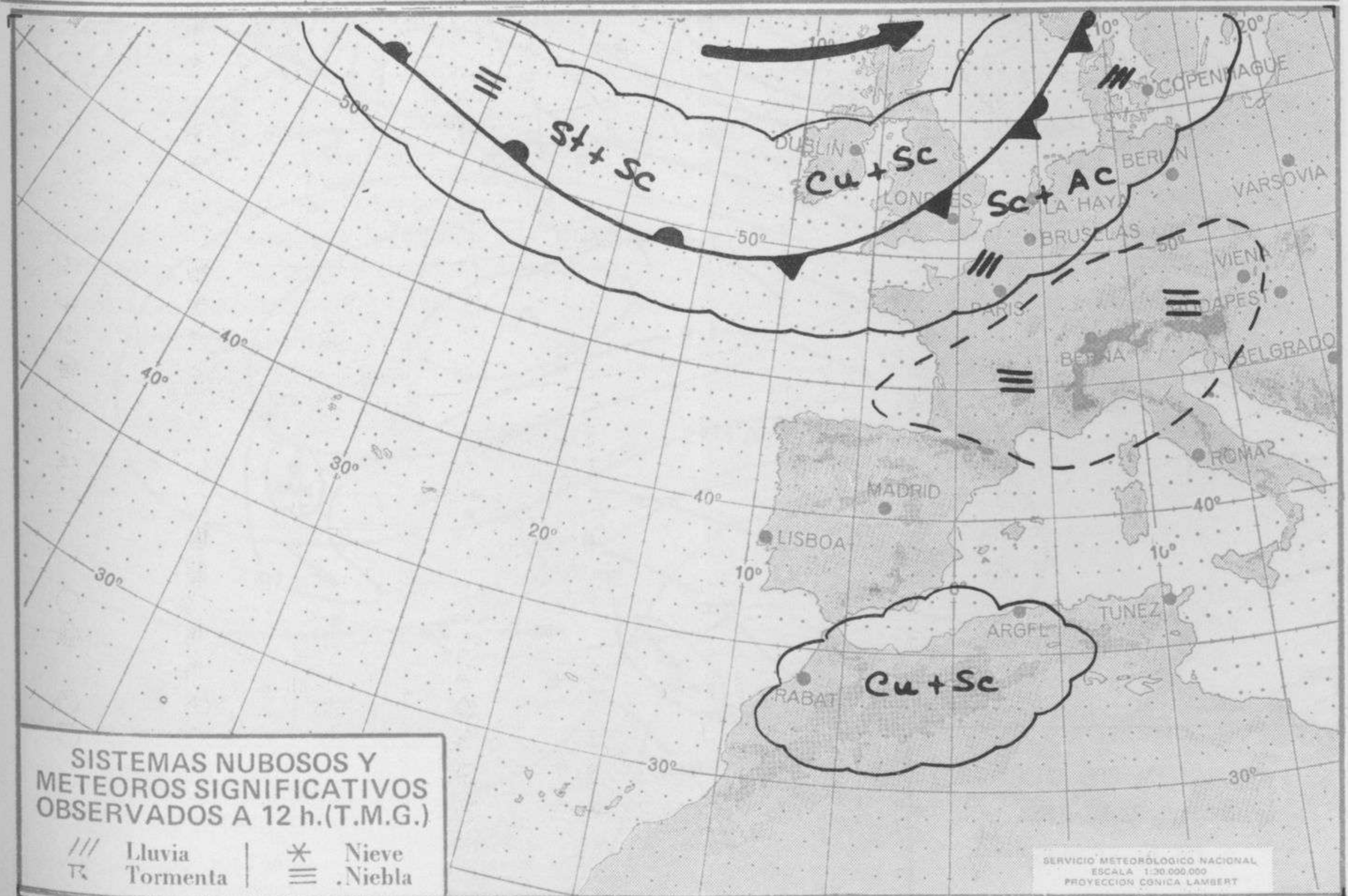


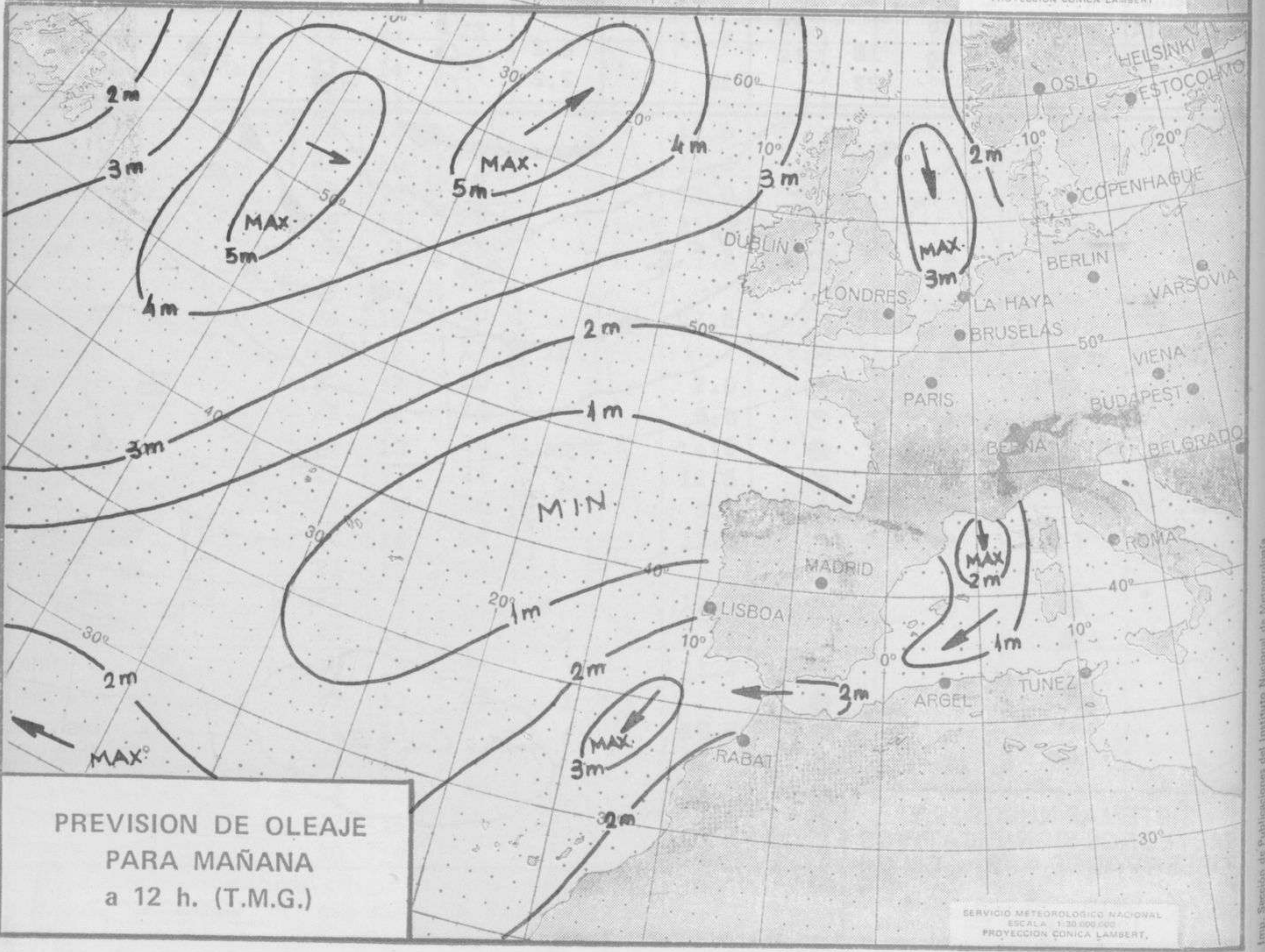
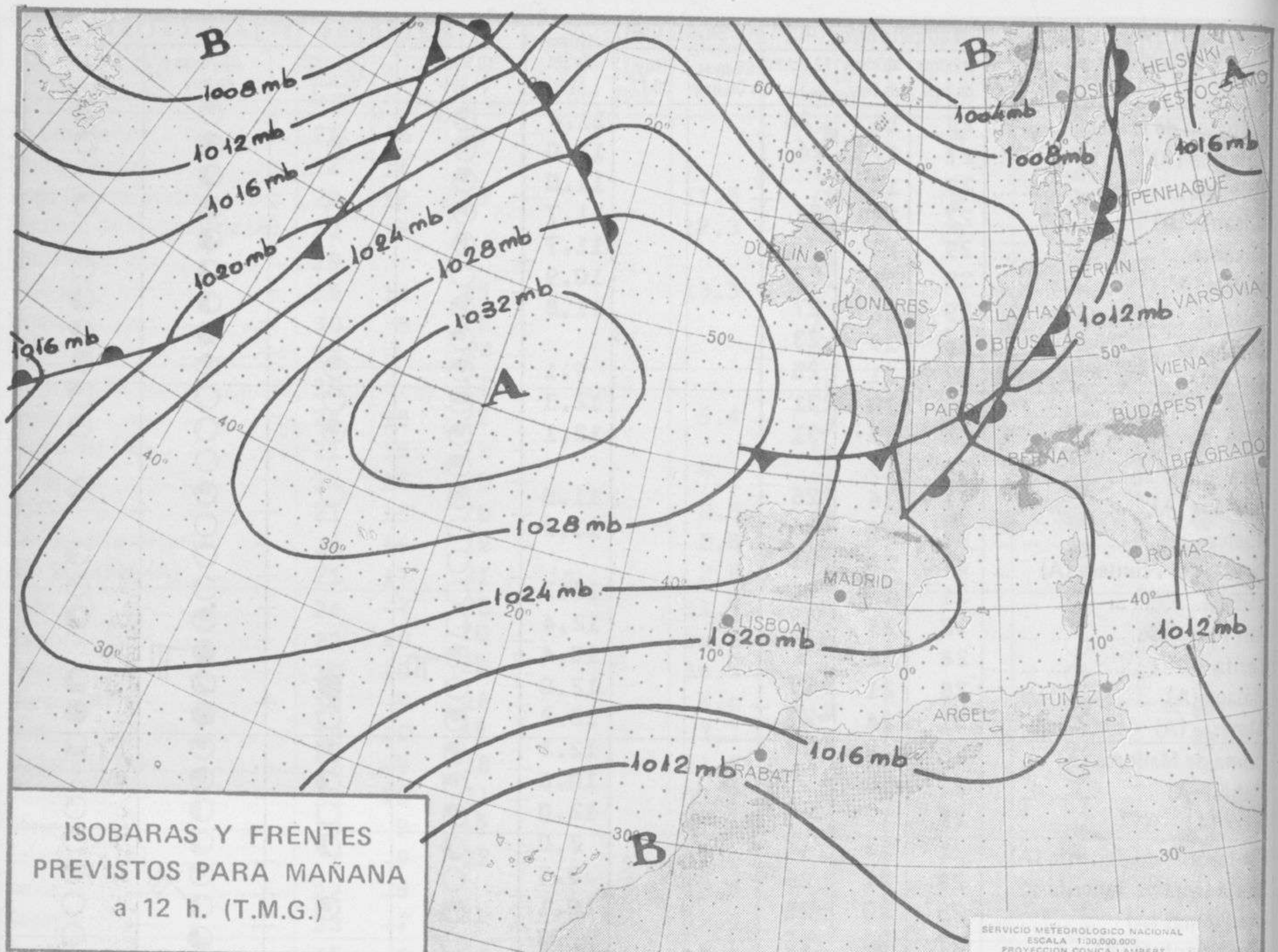
| Estaciones | Temperaturas (°C) | | | Precipitación (l/m ²) | | Horas de sol ayer | Meteoros significativos | | | |
|------------------------------|-------------------|---------------|-----------------|-----------------------------------|-----------|-------------------|-------------------------|-----------------|-----------------|-----------------|
| | Máxima de ayer | Mínima de hoy | 12 horas de hoy | 06 ayer a 06 hoy | Hoy 06-12 | | 18 horas de ayer | 00 horas de hoy | 06 horas de hoy | 12 horas de hoy |
| La Coruña | 21 | 16 | 19 | | | | ☉ | ☉ | ☉ | ☉ |
| Monteventoso | 22 | 14 | | | | | ☉ | | ☉ | |
| Lugo (Punto Centro) | 20 | 12 | 19 | | | 11.5 | ☉ | ☉ | ☉ | ☉ |
| Santiago de Compostela (A) | 23 | 12 | | | | 12.3 | ☉ | ☉ | ☉ | |
| Pontevedra | 29 | | | | | | ☉ | | | |
| Vigo (A) | 20 | 14 | 25 | | | 13.5 | ☉ | ○ | ○ | ○ |
| Orense | 30 | 8 | 23 | | | | ○ | | ○ | ○ |
| Ponferrada | 27 | | 24 | | | | ○ | | | ○ |
| Asturias (A) | 20 | | 17 | | | | ☉ | | | ☉ |
| Gijón | 24 | 15 | 22 | | | 6.4 | ☉ | ● | ● | ● |
| Santander (A) | 21 | 15 | 21 | | | | ☉ | | ● | ● |
| Santander | 22 | 15 | 20 | | | 7.2 | ☉ | ● | ● | ○ |
| Bilbao (A) | 21 | 15 | 20 | | | 0.5 | ● | ● | ● | ● |
| San Sebastian/Igueldo | 18 | 16 | 18 | | | 0.8 | ● | ● | ● | ● |
| San Sebastian (A) | 21 | 17 | 21 | ip | | 2.8 | ☉ | ☉ | ☉ | ● |
| León (A) | 24 | 7 | 20 | | | 11.7 | ☉ | ○ | ☉ | ☉ |
| Zamora | 23 | 10 | 20 | | | 10.5 | ☉ | | ○ | ○ |
| Palencia | 20 | 10 | 19 | | | 10.0 | ☉ | | ○ | ○ |
| Burgos (A) | 19 | 9 | 16 | | | 6.0 | ☉ | ○ | ☉ | ☉ |
| Burgos | 18 | 10 | 16 | | | 7.1 | ☉ | | ○ | ☉ |
| Valladolid (A) | 22 | 9 | 18 | | | 11.5 | ○ | | ○ | ☉ |
| Valladolid | 23 | 10 | 21 | | | 11.2 | ☉ | ○ | ○ | ○ |
| Soria | 19 | 9 | 18 | | | 11.6 | ☉ | | ☉ | ☉ |
| Salamanca (A) | X | 9 | 22 | | | 12.0 | ○ | ○ | ○ | ○ |
| Avila | 22 | 8 | | | | 12.4 | ○ | | ○ | ○ |
| Segovia | 23 | 7 | 21 | | | 12.9 | ○ | | ○ | ○ |
| Navacerrada | 15 | 6 | 15 | | | 12.8 | ☉ | | ○ | ○ |
| Madrid/Barajas | 27 | 14 | 23 | | | 11.9 | ○ | ○ | ○ | ○ |
| Madrid (Cdad.Universitaria) | 27 | 14 | 24 | | | | ○ | ○ | ○ | ○ |
| Guadalajara | 26 | 11 | | | | | ○ | | ○ | ○ |
| Toledo | 28 | 14 | | | | 12.0 | ○ | | ☉ | ○ |
| Cuenca | 27 | 10 | 23 | | | 11.2 | ○ | | ☉ | ○ |
| Molina de Aragón | 28 | 5 | 19 | | | 12.0 | ○ | | ○ | ☉ |
| Ciudad Real | 29 | 13 | 25 | | | 11.1 | ☉ | ○ | ☉ | ☉ |
| Albacete (A) | 29 | 13 | 25 | | | 7.3 | ☉ | ☉ | ☉ | ☉ |
| Cáceres | 29 | 17 | 26 | | | | ○ | | ○ | ○ |
| Badajoz (A) | 34 | 16 | 30 | | | 12.6 | ○ | | ○ | ○ |
| Vitoria (A) | 18 | 12 | 17 | ip | | | ☉ | | ● | ● |
| Logroño | 20 | 12 | 20 | | | 2.0 | ☉ | | ● | ● |
| Logroño (A) | 22 | 14 | 20 | | | 5.0 | ☉ | ☉ | ● | ● |
| Pamplona | 18 | 15 | 18 | ip | | 4.6 | ● | | ☉ | ● |
| Huesca (A) | 26 | 13 | 24 | | | 12.5 | ☉ | | ○ | ○ |
| Daroca | 21 | 9 | 20 | | | 5.6 | ☉ | | ○ | ☉ |
| Zaragoza (A) | 26 | 16 | 24 | | | 12.1 | ○ | ☉ | ○ | ☉ |
| Zaragoza | 23 | 15 | 24 | | | | ○ | | ○ | ○ |
| Calamocha | 23 | 7 | | | | 11.3 | ☉ | ○ | ● | ○ |
| Teruel | 23 | 10 | | | | | ○ | | ● | ○ |
| Lérida | 28 | 15 | 24 | | | 11.2 | ☉ | | ○ | ○ |
| Gerona (A) | 25 | 13 | 25 | 1 | | | ● | | ☉ | ☉ |
| Barcelona | 26 | 19 | | 4 | | 10.8 | ● | | ☉ | ☉ |
| Barcelona (A) | 25 | 18 | 24 | | | | ● | ● | ☉ | ☉ |
| Reus (A) | 28 | 16 | 26 | | | 11.0 | ☉ | | ○ | ☉ |
| Tarragona | 27 | 16 | | | | 9.5 | ☉ | | ○ | |
| Tortosa | 30 | 19 | | | | 11.8 | ☉ | | ☉ | |

SIMBOLOS UTILIZADOS EN LOS CUADROS DE METEOROS SIGNIFICATIVOS

- ☉ Llovizna ☉ Neblina ☉ Relámpagos ▲ Granizo ○ Despejado ☉ Nuboso ☉ NW 30 nudos ☉ NE 35 nudos
- ☉ Lluvia ☉ Niebla ☉ Tormenta ✱ Nieve ☉ Poco nuboso ● Cubierto ☉ SW 50 nudos ☉ SE 65 nudos

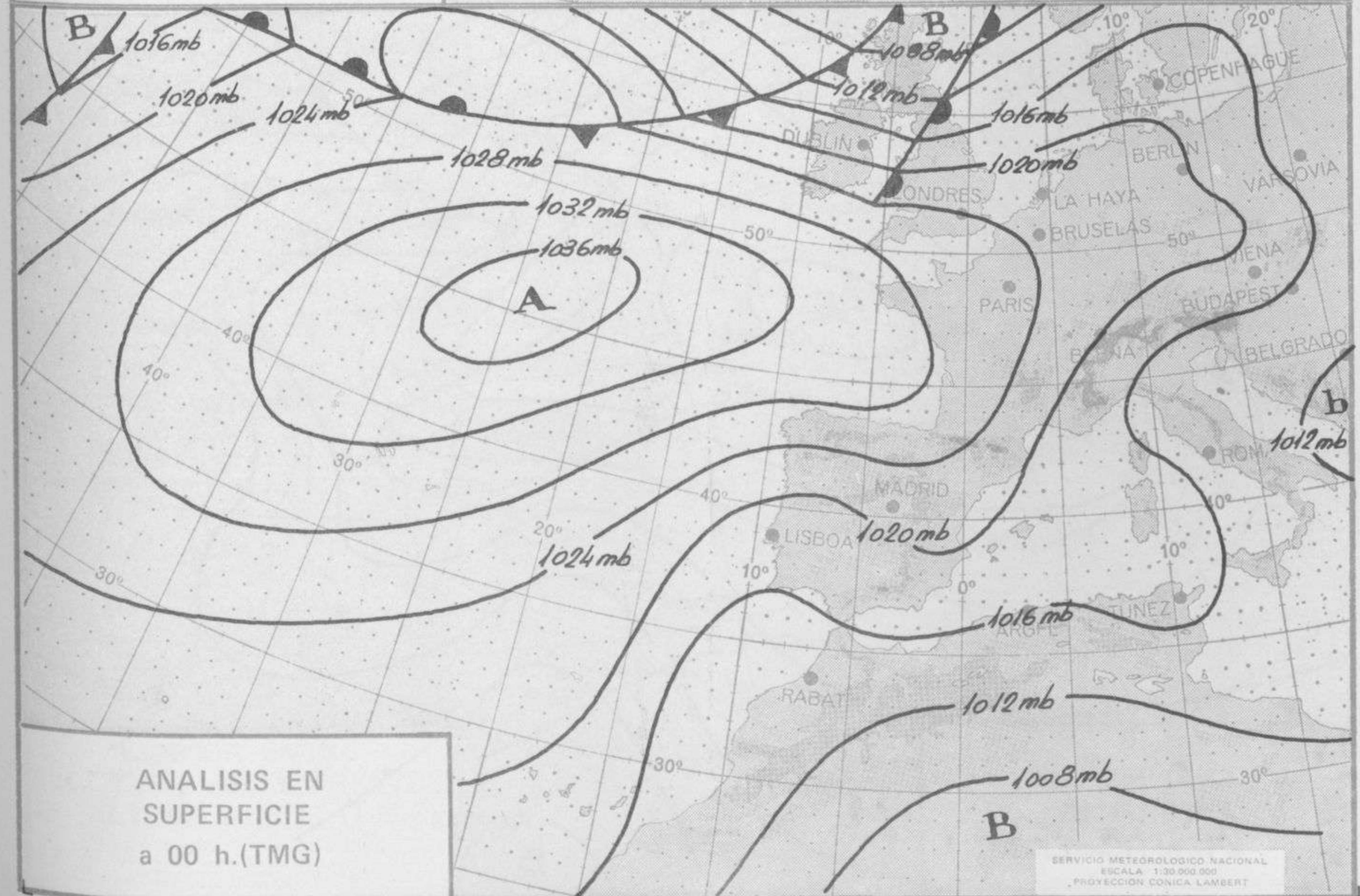
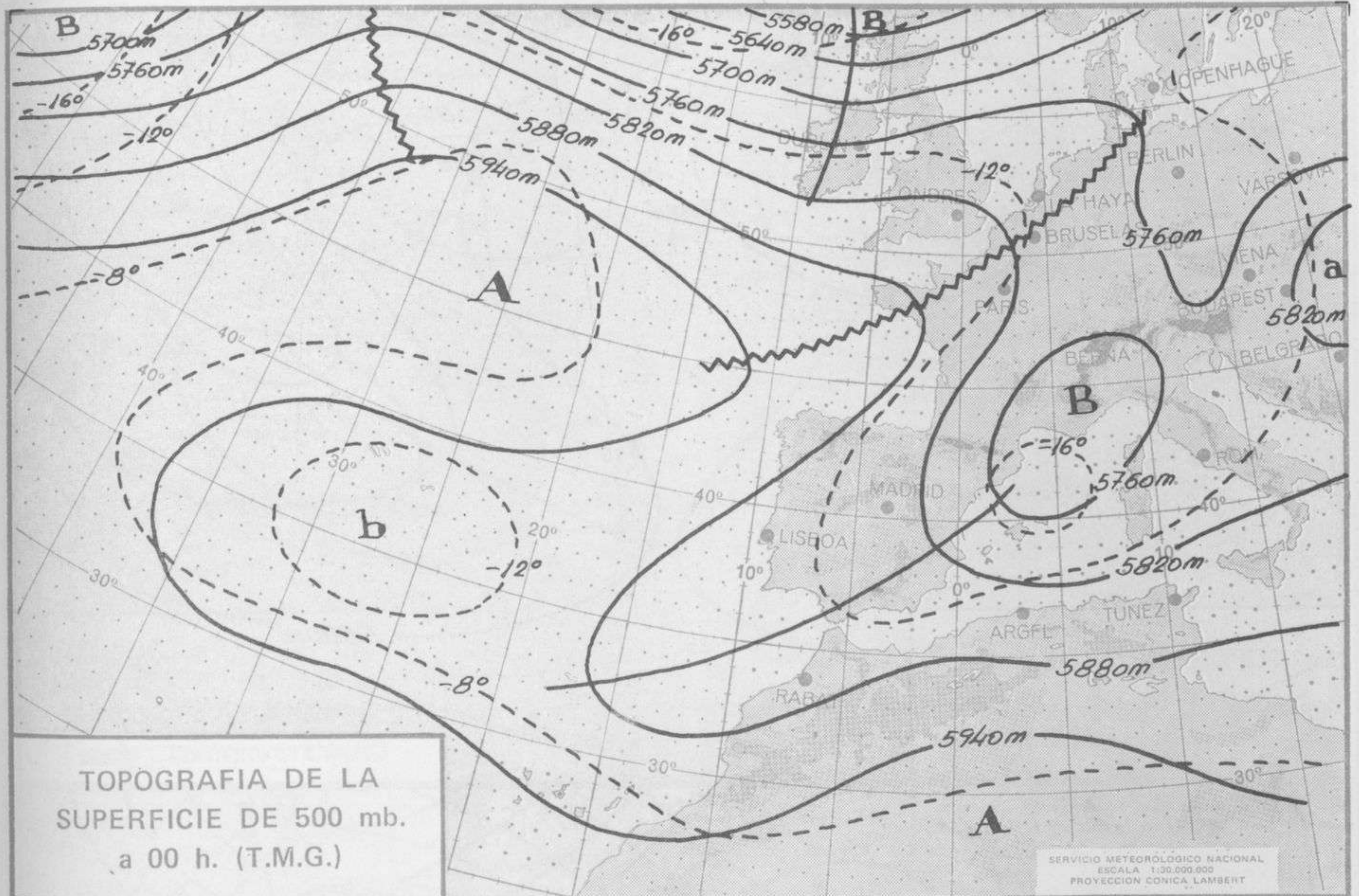
| Estaciones | Temperaturas (°C) | | | Precipitación (l/m ²) | | Horas de sol ayer | Meteoros significativos | | | |
|-------------------------------|-------------------|---------------|-----------------|-----------------------------------|-----------|-------------------|-------------------------|-----------------|-----------------|-----------------|
| | Máxima de ayer | Mínima de hoy | 12 horas de hoy | 06 ayer a 06 hoy | Hoy 06-12 | | 18 horas de ayer | 00 horas de hoy | 06 horas de hoy | 12 horas de hoy |
| Castellón de la Plana | 29 | 15 | 26 | | | 11.4 | ☉ | | ☉ | ☉ |
| Valencia (A) | 27 | 17 | 26 | | | 11.0 | ☉ | ☉ | ☉ | ☉ |
| Valencia | 27 | 18 | | | | 11.0 | ☉ | | | |
| Alicante (A) | 27 | 19 | 27 | | | 11.7 | ☉ | ☉ | | ☉ |
| Alicante | 29 | 17 | | | | 11.7 | ☉ | | | |
| Murcia (A) | 29 | 19 | 27 | | | 10.9 | ☉ | | | ☉ |
| Murcia | 29 | 20 | 27 | | | 11.8 | ☉ | | | ☉ |
| Cartagena | 26 | 19 | 23 | | | | ☉ | | | ☉ |
| San Javier | 27 | 21 | 25 | | | 9.1 | ☉ | ☉ | | ☉ |
| Sevilla (A) | 35 | 20 | 31 | | | 12.3 | ☉ | ☉ | | ☉ |
| Córdoba (A) | 36 | 19 | 31 | | | 12.1 | ☉ | ☉ | | ☉ |
| Jaén | 34 | 19 | | | | | ☉ | | | |
| Granada (A) | 31 | 16 | 26 | | | 11.0 | ☉ | ☉ | | ☉ |
| Huelva | 33 | 21 | | | | 13.2 | ☉ | | | |
| Jerez de la Frontera (A) ... | 34 | 20 | 31 | | | | ☉ | ☉ | | ☉ |
| Cádiz | 31 | 21 | 30 | | | 12.2 | ☉ | | | ☉ |
| San Fernando | 32 | 23 | 31 | | | 12.4 | ☉ | | | ☉ |
| Tarifa | 24 | 22 | | | | 10.4 | ☉ | | | ☉ |
| Málaga (A) | 28 | 21 | 27 | | | 12.0 | ☉ | ☉ | | ☉ |
| Almería (A) | 31 | 24 | 27 | | | 12.2 | ☉ | ☉ | | ☉ |
| Palma de Mallorca (A) | 28 | 17 | 24 | | | 12.3 | ☉ | ☉ | | ☉ |
| Mahón (A) | 27 | 18 | | 2 | | 10.0 | ☉ | ☉ | | ☉ |
| Ibiza (A) | 29 | 19 | 20 | | | 12.0 | ☉ | ☉ | | ☉ |
| Santa Cruz de Tenerife (A)... | 21 | 15 | 19 | | | 7.0 | ☉ | ☉ | | ☉ |
| Santa Cruz de Tenerife | 28 | 21 | 26 | | | 9.3 | ☉ | | | ☉ |
| Las Palmas (A) | 25 | 20 | 25 | | | 10.1 | ☉ | ☉ | | ☉ |
| Fuerteventura (A) | 27 | 20 | 26 | | | 10.0 | ☉ | | | ☉ |
| Lanzarote (A) | 26 | | 24 | | | | ☉ | | | ☉ |
| Ceuta | 29 | 18 | 22 | | | 6.2 | ☉ | ☉ | ☉ | ☉ |
| Melilla | | 22 | | ip | | 2,2 | ☉ | ☉ | ☉ | ☉ |

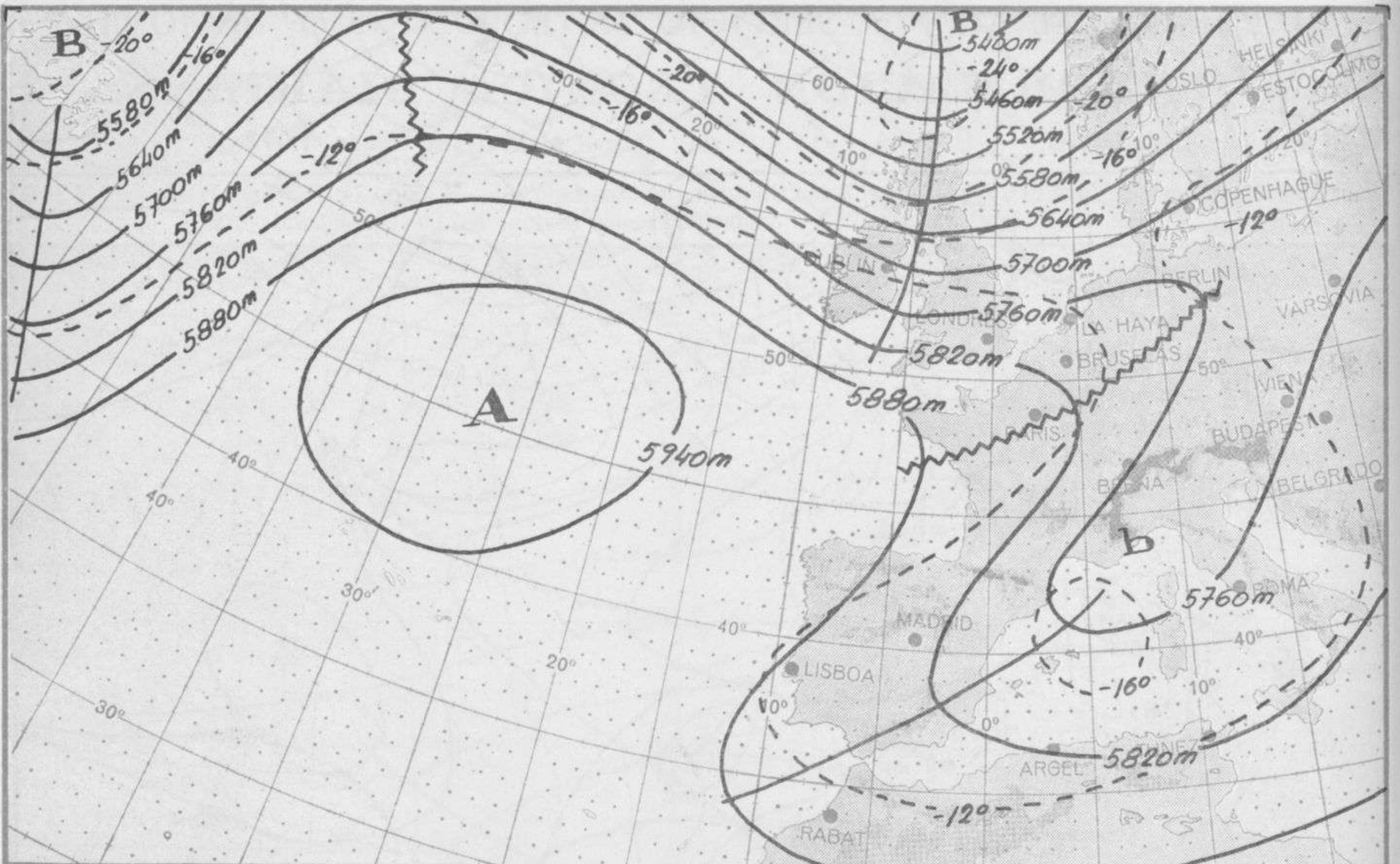






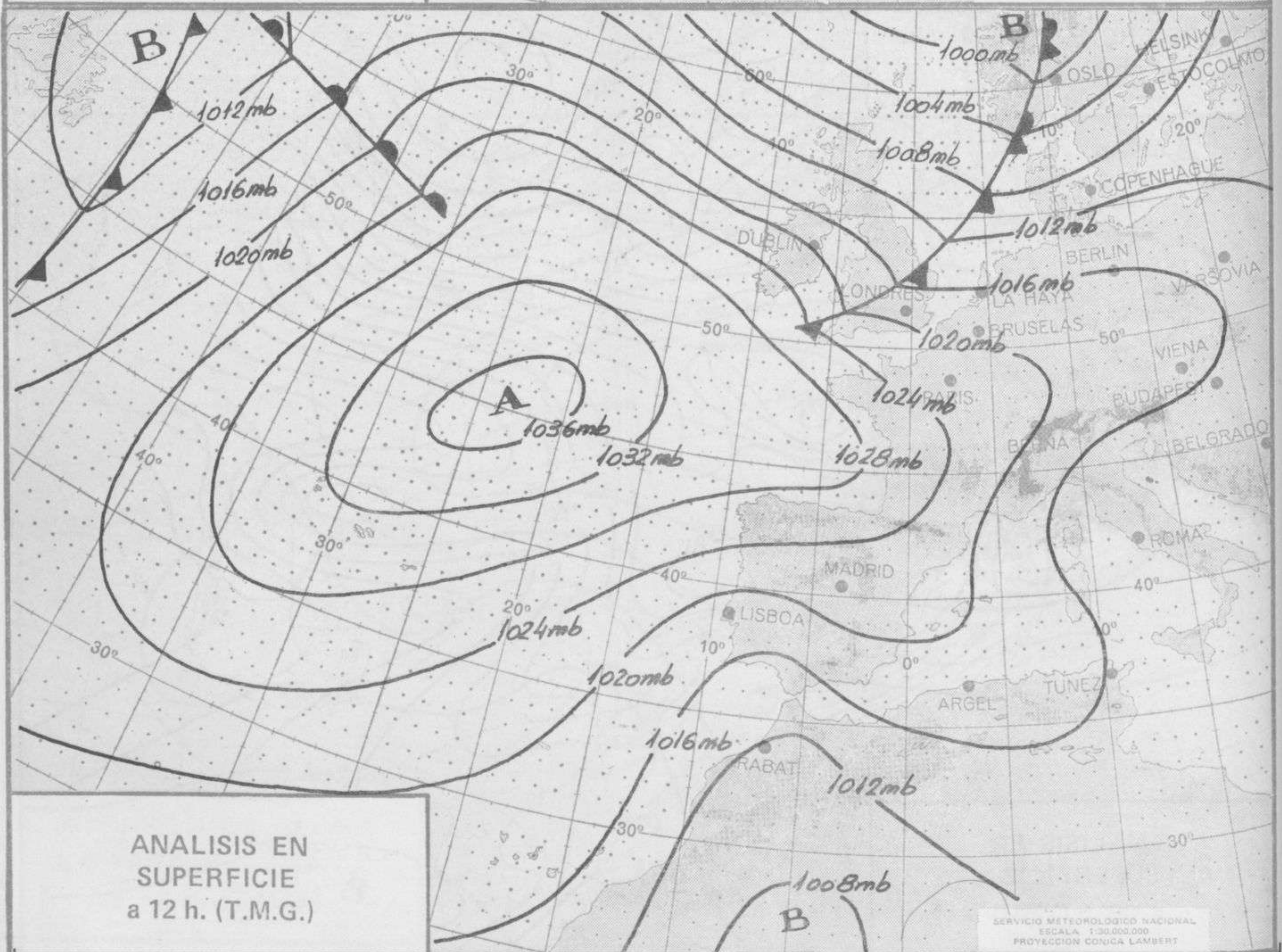
Dirección postal: Centro de Análisis y Predicción (Ciudad Universitaria), Apartado 285 - Madrid - 3 - (España) - Teléfono: 244 35 00
Fonometeo local: teléfono 094 - Fonometeo España: teléfono 232 69 40 de Madrid





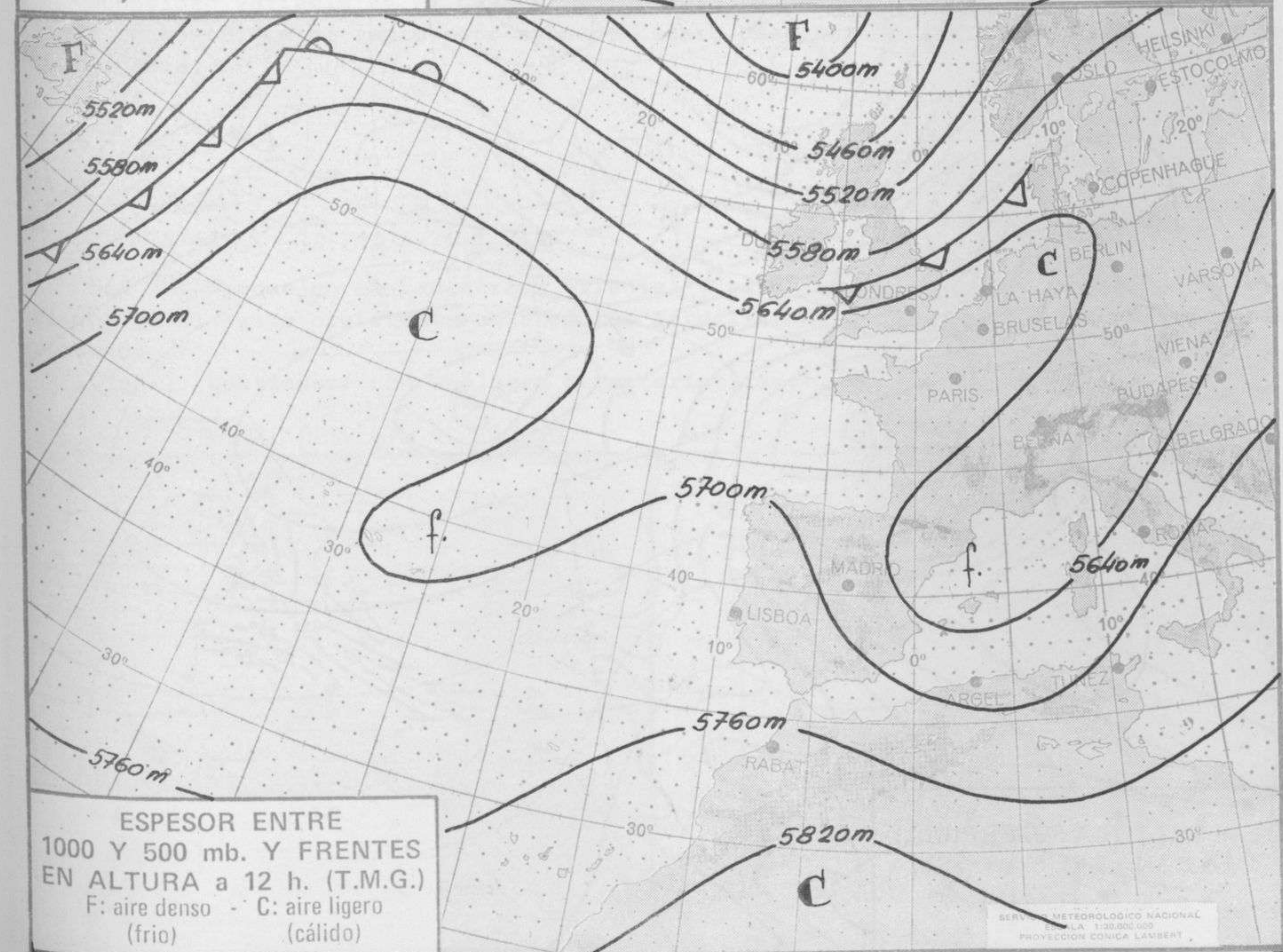
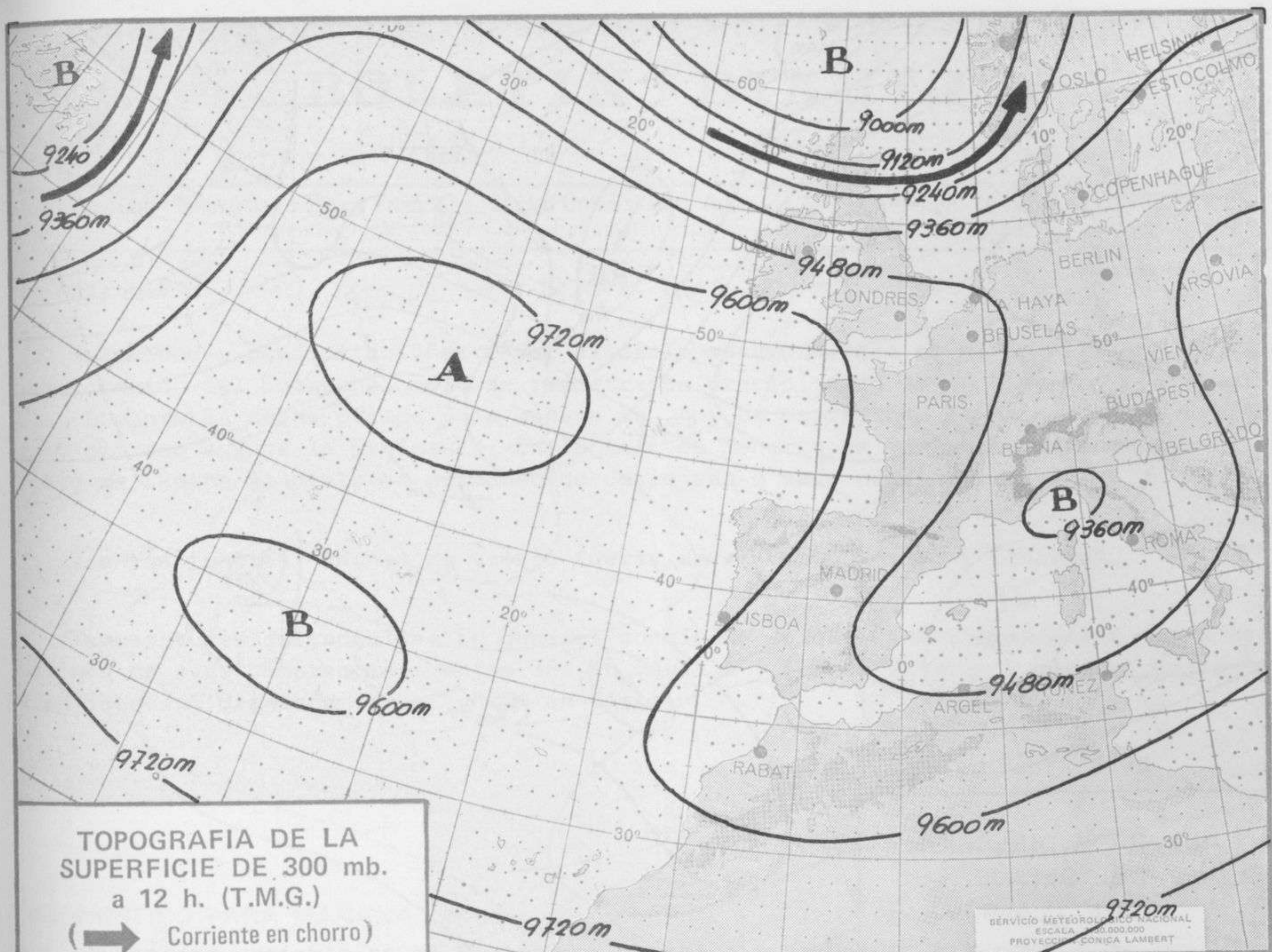
TOPOGRAFIA DE LA SUPERFICIE DE 500 mb. a 12 h. (T.M.G.)

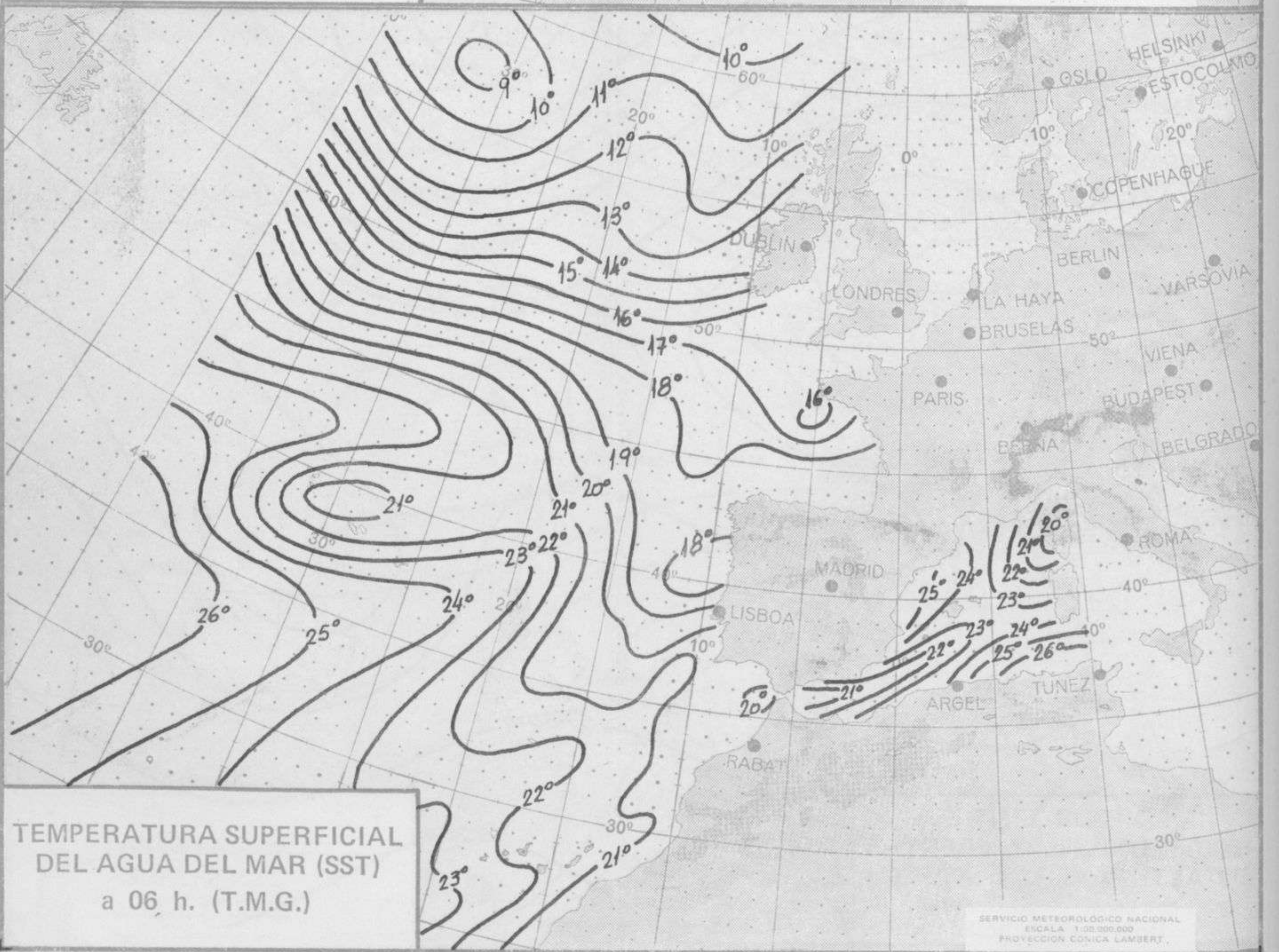
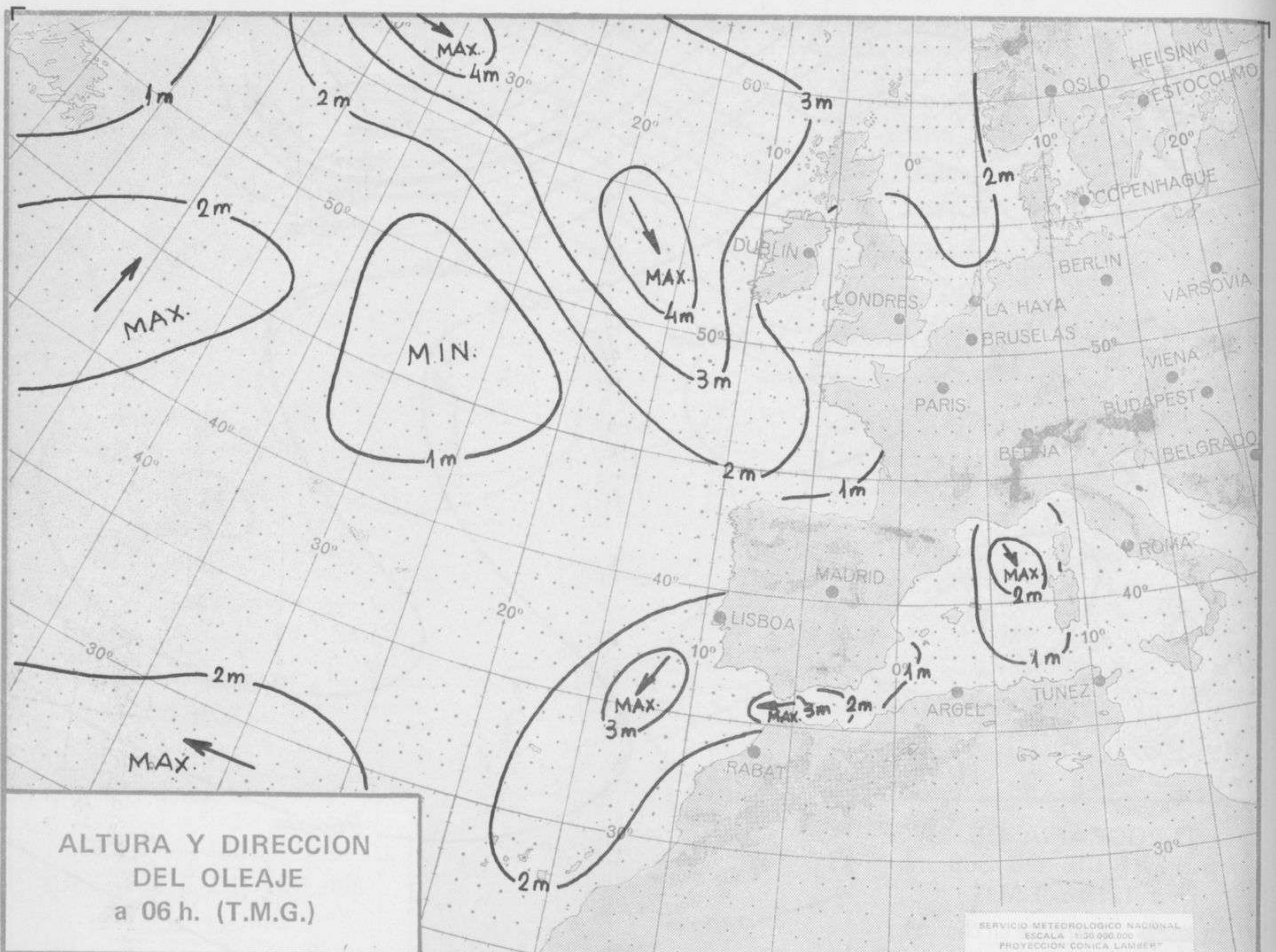
SERVICIO METEOROLOGICO NACIONAL
 ESCALA 1:30,000,000
 PROYECCION CONICA LAMBERT



ANALISIS EN SUPERFICIE a 12 h. (T.M.G.)

SERVICIO METEOROLOGICO NACIONAL
 ESCALA 1:30,000,000
 PROYECCION CONICA LAMBERT







COMPLEMENTO A LA INFORMACION TECNICA DIARIA



Dirección postal: Centro de Análisis y Predicción (Ciudad Universitaria), Apartado 285 - Madrid - 3 - (España) - Teléfono: 244 35 00
 Fonometeo local: teléfono 094 - Fonometeo España: teléfono 232 69 40 de Madrid

MADRID, jueves 17 de AGOSTO de 1.972

| R A D I O S O N D E O S | | | | | | | | | | | | | | | | VIENTO EN ALTITUD | | |
|-------------------------|-------|-----|----------|----------------------------|-------|-----|-------------|---------------------------------|-------|-----|----------|----------------------------------|-------|-----|----------|-------------------|----|----|
| LA CORUÑA 08 001 | | | | MADRID / BARAJAS 08 221 | | | | PALMA DE M./SON BONET 08 302 | | | | SANTA CRUZ DE TENERIFE 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 | | |
| PUNTO CORUÑA | | | | PUNTO MADRID | | | | PUNTO PALMA | | | | PUNTO SANTA CRUZ | | | | Altitud | dd | ff |
| 1.000 | 230 | 15 | 20 05 20 | 1.000 | 1730 | | | 1.000 | 1174 | 49 | 42 05 05 | 1.000 | 130 | 23 | 60 39 05 | Tierra | | |
| 850 | 1533 | 15 | 66 05 27 | 850 | 1562 | 13 | 58 01 10 | 850 | 1550 | 10 | 22 04 02 | 850 | 1556 | 22 | 36 16 | 1.000 | | |
| 700 | 3217 | 7 | 63 03 15 | 700 | 3173 | 5 | 34 05 | 700 | 3139 | 2 | 59 28 05 | 700 | 3213 | 12 | 63 33 22 | 1.500 | | |
| 500 | 5900 | -9 | 64 03 20 | 500 | 5330 | -14 | 33 13 | 500 | 5760 | -16 | 27 33 | 500 | 5930 | -7 | 60 31 20 | 2.000 | | |
| 400 | 7500 | -23 | 62 03 35 | 400 | 7400 | -28 | 35 15 | 400 | 7410 | -29 | 27 33 | 400 | 7630 | -20 | 30 25 | 3.000 | | |
| 300 | 9530 | -41 | 03 57 | | | | | 300 | 9400 | -45 | 26 45 | 300 | 9710 | -32 | 31 30 | 4.000 | | |
| 250 | 10240 | -50 | 03 58 | | | | | 250 | 10510 | -53 | 26 41 | 250 | 10970 | -43 | 28 35 | 5.500 | | |
| 200 | 12270 | -61 | 03 57 | | | | | 200 | 12030 | -57 | 26 41 | 200 | 12440 | -53 | 26 45 | 7.000 | | |
| 150 | 14050 | -61 | 03 30 | | | | | 150 | 13350 | -58 | 15 23 | 150 | 14250 | -64 | 26 35 | 9.000 | | |
| 100 | 16130 | -60 | 03 14 | | | | | 100 | | | | 100 | 16680 | -61 | 24 10 | 10.500 | | |
| 70 | 18620 | -60 | 03 10 | | | | | 70 | | | | 70 | 18840 | -62 | 12 30 | 12.000 | | |
| 50 | | | | | | | | 50 | | | | 50 | 20950 | -57 | 12 30 | 13.500 | | |
| 30 | | | | | | | | 30 | | | | 30 | | | | 15.000 | | |
| 20 | | | | | | | | 20 | | | | 20 | | | | Estación | | |
| 10 | | | | | | | | 10 | | | | 10 | | | | Indicativo | | |
| PPP TT DD | | | | PPP TT DD | | | | PPP TT DD | | | | PPP TT DD | | | | Tierra | | |
| 1020 | 16 | 15 | | 949 | 17 | 60 | | 1015 | 20 | 40 | | 1012 | 21 | 61 | | 1.000 | | |
| 907 | 9 | 00 | | 917 | 14 | 60 | | 770 | 5 | 10 | | 958 | 27 | 50 | | 1.500 | | |
| 855 | 16 | 67 | | 900 | 18 | 64 | | 675 | 0 | 63 | | 912 | 23 | | | 2.000 | | |
| 779 | 12 | 63 | | 820 | 10 | 54 | | 615 | -5 | | | 809 | 21 | | | 3.000 | | |
| 618 | 2 | 65 | | 750 | 10 | 75 | | 604 | -4 | | | 649 | 7 | 60 | | 4.000 | | |
| 552 | -6 | 67 | | 600 | -11 | | | 262 | -52 | | | 626 | 6 | 60 | | 5.500 | | |
| 504 | -9 | 64 | | 550 | -35 | | | 214 | -57 | | | 528 | -4 | 61 | | 7.000 | | |
| 303 | -40 | 60 | | | | | | 130 | -58 | | | 437 | -16 | 56 | | 9.000 | | |
| 134 | -62 | | | | | | | | | | | 387 | -22 | | | 10.500 | | |
| 100 | -63 | | | | | | | | | | | 332 | -26 | | | 12.000 | | |
| 135 | -58 | | | | | | | | | | | 255 | -42 | | | 13.500 | | |
| 106 | -60 | | | | | | | | | | | 160 | -63 | | | 15.000 | | |
| | | | | | | | | | | | | 125 | -60 | | | Estación | | |
| 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.) | | | | 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 | | |
| PUNTO CORUÑA | | | | PUNTO MADRID | | | | PUNTO PALMA | | | | PUNTO SANTA CRUZ | | | | Tierra | | |
| 1.000 | | | | 1.000 | 173 | | | 1.000 | 162 | 21 | 48 32 X | 1.000 | | | | 1.000 | | |
| 850 | | | | 850 | 15 | 7 | 11 61 04 20 | 850 | 1557 | 12 | 50 13 04 | 850 | | | | 1.500 | | |
| 700 | | | | 700 | 3106 | 7 | 75 02 20 | 700 | 3160 | 1 | 56 29 14 | 700 | | | | 2.000 | | |
| 500 | | | | 500 | 5830 | -14 | 01 22 | 500 | 5730 | -16 | 29 35 | 500 | | | | 3.000 | | |
| 400 | | | | 400 | 7490 | -27 | 02 30 | 400 | 7430 | -28 | 20 37 | 400 | | | | 4.000 | | |
| 300 | | | | 300 | 9500 | -42 | | 300 | 9430 | -44 | 26 5 | 300 | | | | 5.500 | | |
| 250 | | | | 250 | 10710 | -52 | 02 50 | 250 | 10630 | -53 | 26 78 | 250 | | | | 7.000 | | |
| 200 | | | | 200 | 12140 | -56 | 01 40 | 200 | 12060 | -54 | 27 50 | 200 | | | | 9.000 | | |
| 150 | | | | 150 | 13960 | -57 | 36 30 | 150 | 13900 | -50 | 27 31 | 150 | | | | 10.500 | | |
| 100 | | | | 100 | 15530 | -58 | 33 10 | 100 | 15450 | -51 | 22 10 | 100 | | | | 12.000 | | |
| 70 | | | | 70 | 18770 | -57 | 07 15 | 70 | | | | 70 | | | | 13.500 | | |
| 50 | | | | 50 | | | | 50 | | | | 50 | | | | 15.000 | | |
| 30 | | | | 30 | | | | 30 | | | | 30 | | | | Estación | | |
| 20 | | | | 20 | | | | 20 | | | | 20 | | | | Indicativo | | |
| 10 | | | | 10 | | | | 10 | | | | 10 | | | | Dia/hora | | |
| PPP TT DD | | | | PPP TT DD | | | | PPP TT DD | | | | PPP TT DD | | | | Tierra | | |
| | | | | 949 | 23 | 69 | | 1015 | 21 | 35 | | | | | | 1.000 | | |
| | | | | 940 | 19 | 72 | | 972 | 20 | 57 | | | | | | 1.500 | | |
| | | | | 827 | 9 | 59 | | 719 | 2 | 33 | | | | | | 2.000 | | |
| | | | | 692 | 7 | 78 | | 679 | 0 | 61 | | | | | | 3.000 | | |
| | | | | 308 | -41 | | | 552 | -10 | 66 | | | | | | 4.000 | | |
| | | | | 234 | -55 | | | 247 | -54 | | | | | | | 5.500 | | |
| | | | | | | | | 178 | -54 | | | | | | | 7.000 | | |
| | | | | | | | | | | | | | | | | 9.000 | | |
| | | | | | | | | | | | | | | | | 10.500 | | |
| | | | | | | | | | | | | | | | | 12.000 | | |
| | | | | | | | | | | | | | | | | 13.500 | | |
| | | | | | | | | | | | | | | | | 15.000 | | |
| | | | | | | | | | | | | | | | | Estación | | |
| | | | | | | | | | | | | | | | | Indicativo | | |

