



BOLETIN DIARIO

AÑO XXIII

2ª Epoca

Núm. 263.

MADRID, VIERNES 20 de SEPTIEMBRE de 1.974

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: Se han registrado precipitaciones, en general, débiles en el Cantábrico, cabecera del Ebro, Cataluña y muy dispersas en el resto. Al amanecer de hoy había bancos de niebla en puntos de Galicia, Duero, La Mancha, bajo Guadalquivir; en Baleares se producía algún fenómeno tormentoso.

Vientos fuertes: No se han registrado.

Temperaturas destacables: Las máximas de ayer entre capitales de provincia de la Península, se hallan comprendidas entre los 16º de Vitoria y los 33º en Badajoz, Córdoba y Sevilla; las mínimas de hoy entre los 7º de León y los 23º de Almería. Máximas y mínimas respectivamente en las capitales insulares: 27º y 16º en Palma; 25º y 21º en ambas capitales canarias.

PRONOSTICO PARA MAÑANA:

Algún chubasco en el Cantábrico oriental y cabeceras del Duero y Ebro. Riesgo de alguna precipitación dispersa en Levante y Baleares. En el resto, poco nuboso o despejado.

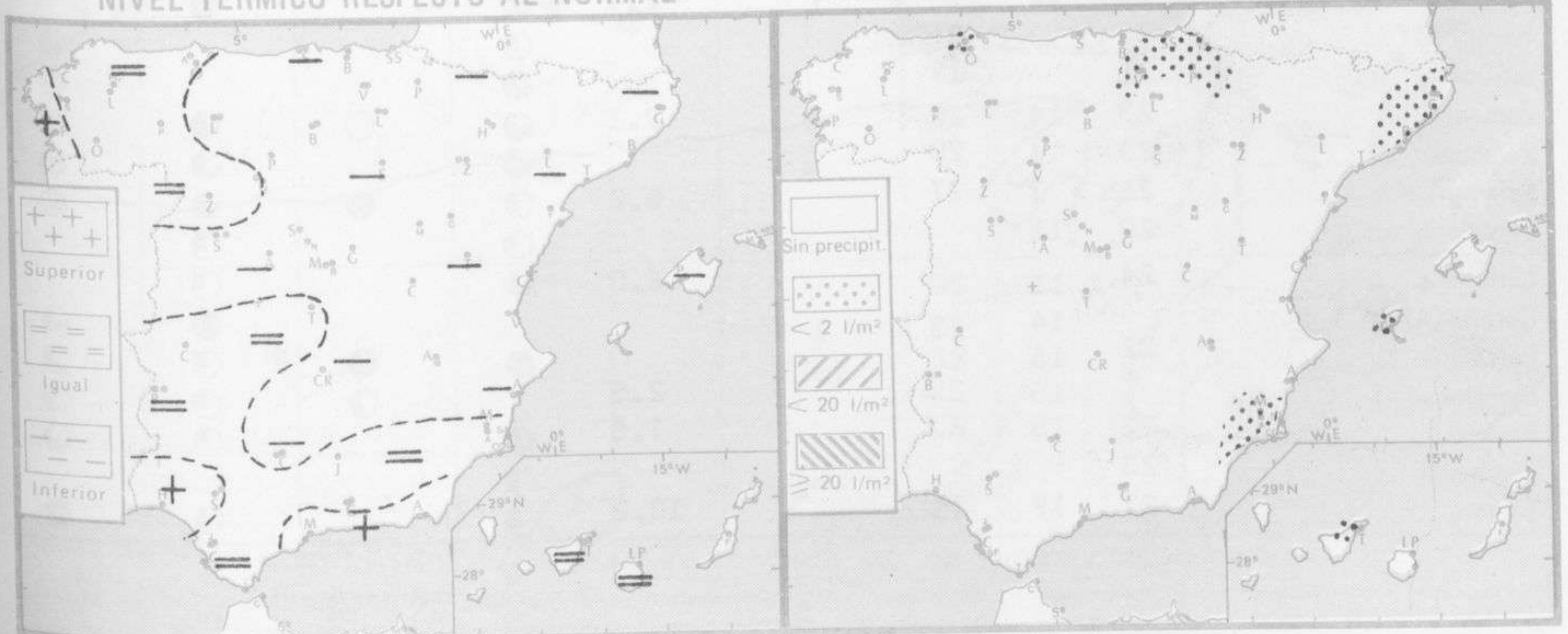
TENDENCIA PARA LOS DIAS 22 Y 23.

Día 22: En Galicia y Cantábrico, riesgo de algún chubasco aislado. Nuboso en Levante y Baleares. Sin cambios en el resto.

Día 23: Chubascos en Galicia, Cantábrico y cabeceras del Duero y Ebro. Aumento de la nubosidad en la cuenca del Duero y Centro.

NIVEL TERMICO RESPECTO AL NORMAL

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

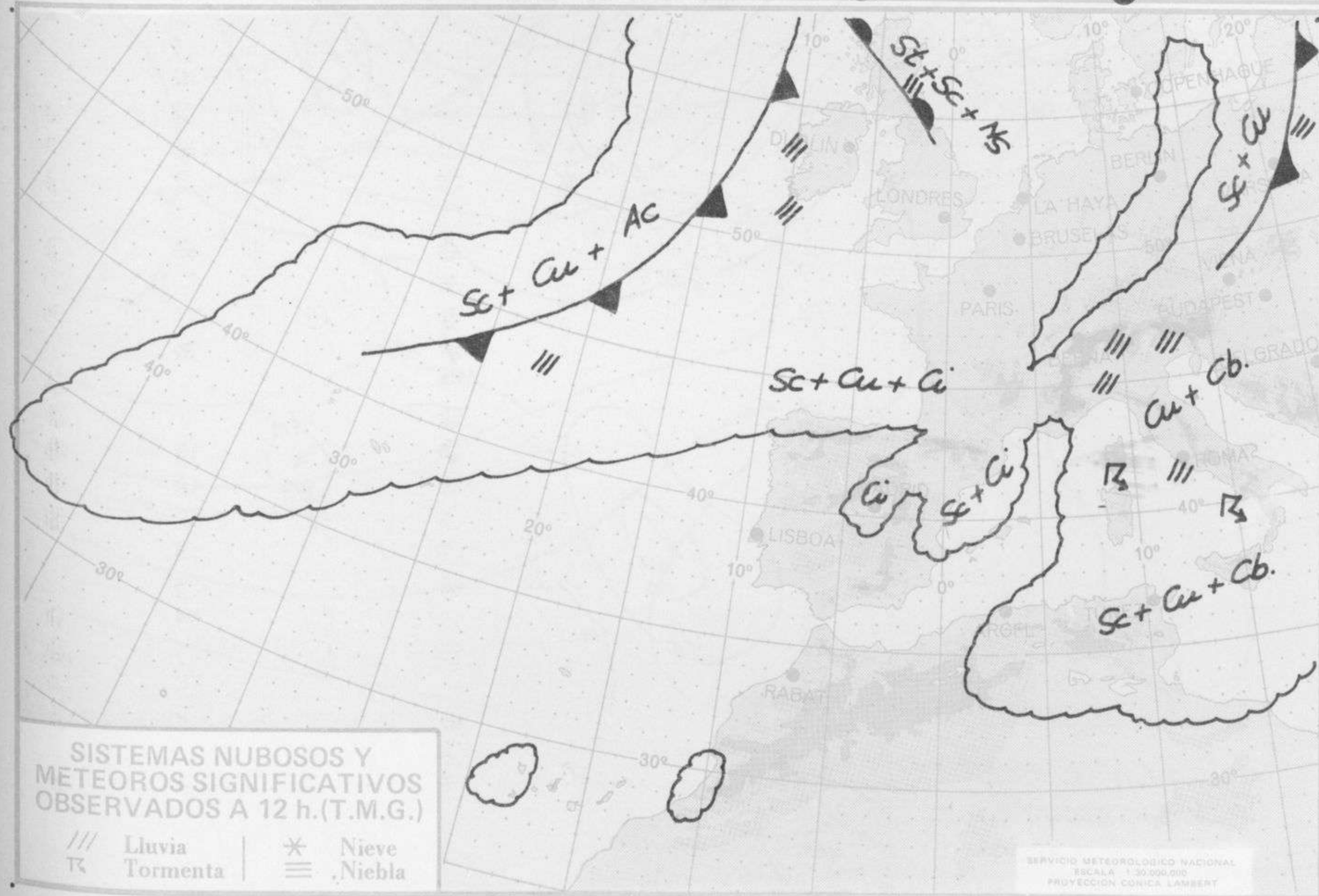


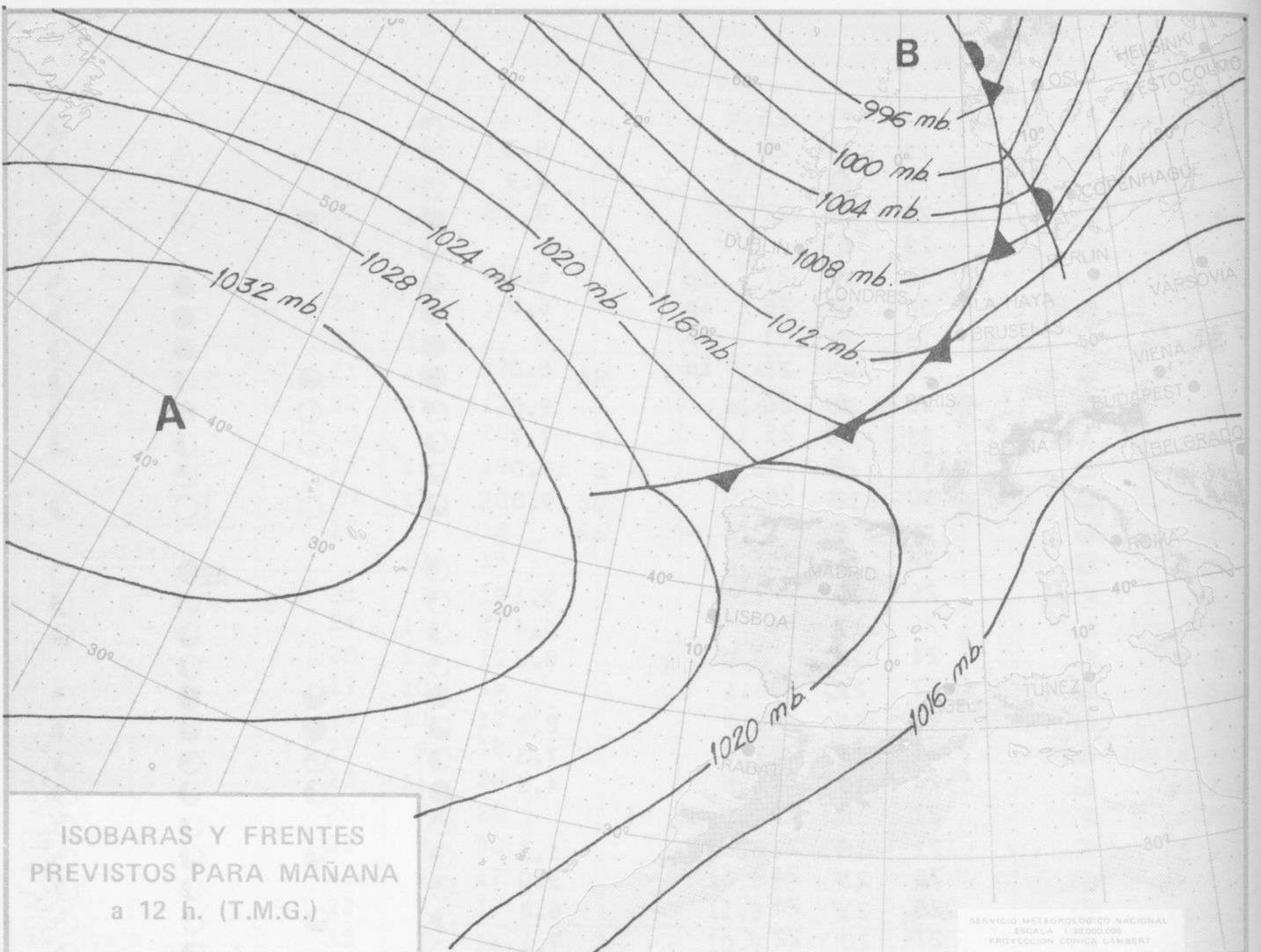
| Estaciones | Temperaturas (°C) | | | Precipitación (l/m²) | | Horas de sol ayer | Meteoros significativos | | | |
|------------------------------|-------------------|---------------|-----------------|----------------------|-----------|-------------------|-------------------------|-----------------|-----------------|-----------------|
| | 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 | 20 | 16 | 21 | | | 8.2 | ☉ | ○ | ☉ | ☉ |
| Monteventoso | 19 | 14 | 19 | | | | ☉ | ○ | ☉ | ☉ |
| Lugo (Punto Centro) | 20 | 12 | | | | 8.3 | ☉ | ☉ | ☉ | |
| Santiago de Compostela (A) | 23 | 13 | 20 | | | 9.1 | ☉ | ☉ | ○ | ☉ |
| Pontevedra | 27 | 16 | | | | 10.6 | ☉ | | ☉ | |
| Vigo (A) | 26 | X | 21 | | | | ☉ | ○ | ○ | ○ |
| Orense | 29 | 9 | 21 | | | | ☉ | | ☉ | ○ |
| Ponferrada | 27 | 11 | 22 | | | | ☉ | | ○ | ○ |
| Asturias (A) | 21 | 16 | 17 | ip | | 7.4 | ☉ | | ☉ | ☉ |
| Oviedo | 22 | 15 | 12 | | | 4.5 | ☉ | ☉ | ☉ | ☉ |
| Santander (A) | 20 | | 20 | 3 | | | ☉ | | | ☉ |
| Santander | 19 | 16 | 19 | 3 | | 0.4 | ☉ | ☉ | ☉ | ☉ |
| Bilbao (A) | 20 | 15 | 20 | ip | | 0.2 | ☉ | ☉ | ☉ | ☉ |
| San Sebastian/Igueldo | 17 | 13 | 18 | ip | | 0.0 | ☉ | | ☉ | ☉ |
| San Sebastian (A) | | 13 | 19 | | | 0.0 | | | ☉ | ☉ |
| León (A) | 24 | 7 | 19 | | | 10.7 | ☉ | | ☉ | ☉ |
| Zamora | 24 | 11 | 20 | | | | ☉ | | ☉ | ☉ |
| Palencia | 20 | 11 | 19 | | | 0.0 | ☉ | | ☉ | ☉ |
| Burgos (A) | 17 | 10 | 16 | | | 1.6 | ☉ | ☉ | ☉ | ☉ |
| Burgos | 19 | 10 | 17 | | | 4.1 | ☉ | | ☉ | ☉ |
| Valladolid (A) | 21 | 9 | 18 | | | 9.7 | ☉ | | ☉ | ☉ |
| Valladolid | 23 | 11 | 20 | | | 8.4 | ☉ | ○ | ☉ | ☉ |
| Soria | 20 | 8 | 20 | | | 7.9 | ☉ | | ☉ | ☉ |
| Salamanca (A) | 23 | 8 | 20 | | | 10.5 | ☉ | ○ | ☉ | ☉ |
| Avila | 21 | 9 | 17 | | | 10.8 | ☉ | | ☉ | ☉ |
| Segovia | 22 | 9 | 17 | | | 11.9 | ☉ | | ☉ | ☉ |
| Navacerrada | 15 | 7 | 14 | | | 10.9 | ○ | | ☉ | ☉ |
| Madrid/Barajas | 26 | 12 | 23 | | | 9.8 | ☉ | ○ | ☉ | ☉ |
| Madrid (Cdad. Universitaria) | 26 | 11 | 22 | | | 10.2 | ☉ | ○ | ☉ | ☉ |
| Guadalajara | 24 | 10 | | | | | ○ | | ○ | |
| Toledo | | 14 | 22 | | | 9.6 | | | ☉ | ☉ |
| Cuenca | 24 | 8 | | | | 10.0 | ○ | | ☉ | |
| Molina de Aragón | | 7 | | | | | | | ☉ | |
| Ciudad Real | 28 | 9 | 23 | | | 10.1 | ☉ | ☉ | ☉ | ☉ |
| Albacete (A) | 26 | 10 | 21 | | | 8.9 | ☉ | ○ | ☉ | ☉ |
| Cáceres | 30 | 16 | 25 | | | | ☉ | ○ | ☉ | ☉ |
| Badajoz (A) | 33 | 14 | | | | 10.1 | ○ | | ☉ | ☉ |
| Vitoria (A) | 16 | 11 | 17 | ip | | | ☉ | | ☉ | ☉ |
| Logroño | 21 | 12 | 19 | | | 1.8 | ☉ | | ○ | ☉ |
| Logroño (A) | 21 | 12 | 18 | | | 3.3 | ☉ | ☉ | ☉ | ☉ |
| Pamplona | 18 | 12 | | 1 | | 2.7 | ☉ | | ☉ | ☉ |
| Huesca (A) | 23 | | 21 | | | | ☉ | | | ☉ |
| Daroca | 21 | | 19 | | | | ☉ | | ☉ | ☉ |
| Zaragoza (A) | 23 | 14 | 20 | | | 9.2 | ☉ | ○ | ☉ | ☉ |
| Zaragoza | 23 | 14 | 20 | | | | ☉ | | ☉ | ☉ |
| Calamocha | 21 | 7 | 17 | | | 8.2 | ☉ | ☉ | ☉ | ☉ |
| Teruel | 20 | 11 | | | | | ☉ | | ☉ | ☉ |
| Lérida | 24 | 13 | 20 | | | 6.0 | ☉ | | ☉ | ☉ |
| Gerona (A) | | 14 | 23 | 1 | | | | | ☉ | ☉ |
| Barcelona | 22 | 15 | 22 | ip | | | ☉ | ☉ | ☉ | ☉ |
| Barcelona (A) | | 15 | 23 | | | 2.5 | | ☉ | ☉ | ☉ |
| Reus (A) | 22 | 15 | 23 | | | 7.5 | ☉ | | ☉ | ☉ |
| Tarragona | 23 | | | | | | ☉ | | ☉ | ☉ |
| Tortosa | 27 | 19 | 25 | | | 10.2 | ☉ | | ☉ | ☉ |

SIMBOLOS UTILIZADOS EN LOS CUADROS DE METEOROS SIGNIFICATIVOS

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

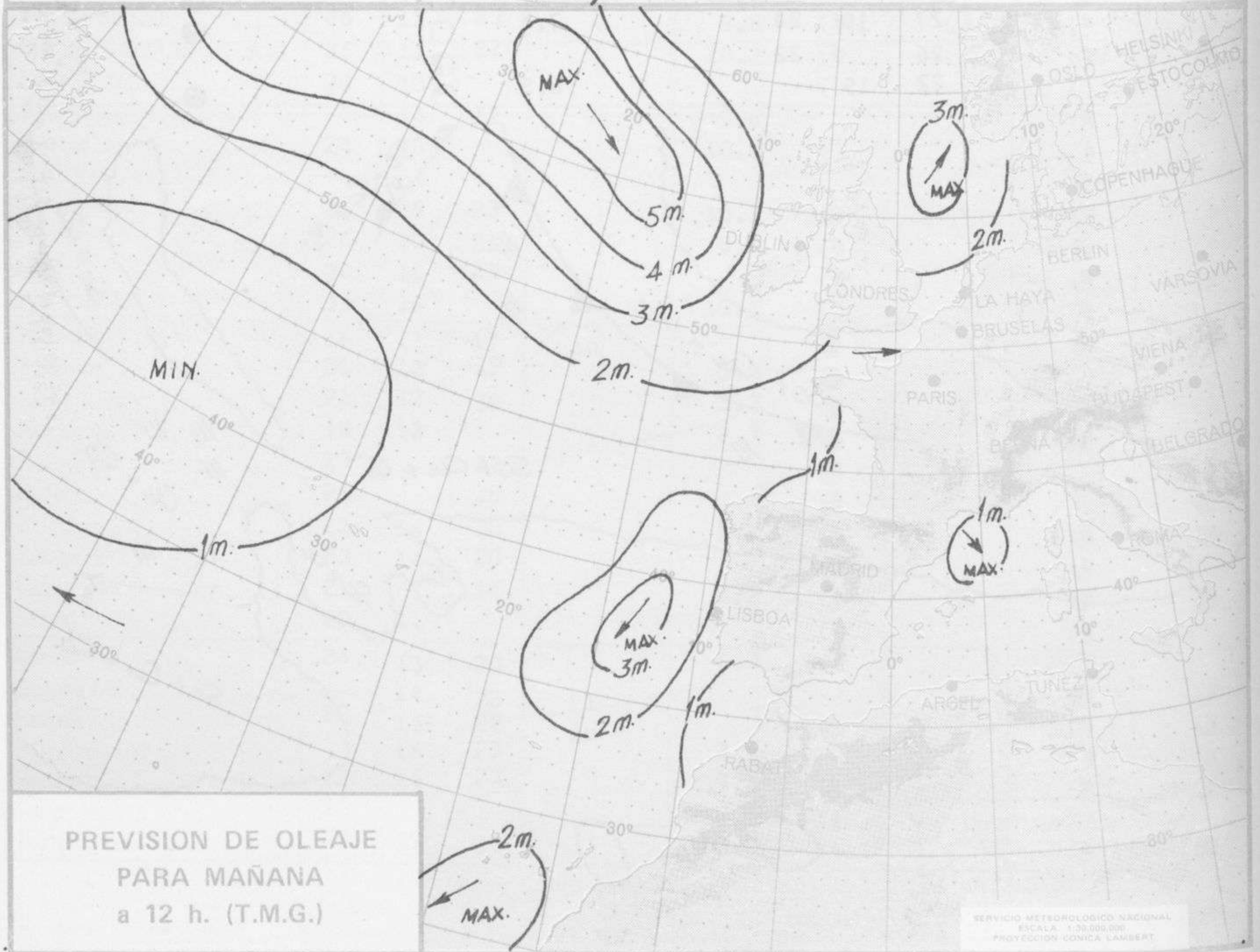
| Estaciones | Temperaturas (°C) | | | Precipitación (l/m ²) | | Horas de sol ayer | Meteoros significativos | | | |
|-------------------------------|-------------------|---------------|-----------------|-----------------------------------|-----------|-------------------|-------------------------|-----------------|-----------------|-----------------|
| | 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 | 27 | | 25 | | | | ☾ | | | ☾ |
| Valencia (A) | 28 | 15 | 26 | | | 9.7 | ☾ | ○ | ☾ | ☾ |
| Valencia | 28 | 17 | | | | 8.9 | ☾ | | ○ | ☾ |
| Alicante (A) | 26 | 19 | 27 | | | 5.3 | ● | ● | ☾ | ☾ |
| Alicante | 28 | | | | | | ☾ | | | ☾ |
| Murcia (A) | 30 | 19 | 27 | ip | | 6.0 | ☾ | | ● | ☾ |
| Murcia | 30 | 20 | 28 | ip | | 6.0 | ☾ | | ● | ☾ |
| Cartagena | 25 | 20 | 23 | ip | | | ☾ | | ● | ☾ |
| San Javier | 26 | 19 | 25 | ip | | 6.0 | ● | ☾ | ☾ | ☾ |
| Sevilla (A) | 33 | 17 | 26 | | | 9.0 | ☾ | ○ | ● | ☾ |
| Córdoba (A) | 33 | 13 | 25 | | | 7.7 | ☾ | ○ | ☾ | ☾ |
| Jaén | 31 | 18 | | | | 10.0 | ☾ | | ☾ | ☾ |
| Granada (A) | 30 | 12 | 26 | | | 9.0 | ☾ | ○ | ○ | ☾ |
| Huelva | | | | | | | | | | |
| Jerez de la Frontera (A) ... | 32 | 16 | 25 | | | | ☾ | | ☾ | ☾ |
| Cádiz | 26 | 20 | 22 | | | 9.1 | ☾ | | ☾ | ☾ |
| San Fernando | 26 | 17 | 24 | | | 8.4 | ☾ | | ☾ | ☾ |
| Tarifa | 24 | 18 | | | | 8.0 | ☾ | | ☾ | ☾ |
| Málaga (A) | 27 | 22 | 23 | | | | ● | ☾ | ● | ☾ |
| Almería (A) | 28 | 23 | 26 | | | 8.2 | ☾ | ● | ☾ | ☾ |
| Palma de Mallorca (A) | 27 | 13 | 24 | | | 7.5 | ☾ | ☾ | ☾ | ☾ |
| Mahón (A) | 24 | 16 | 21 | | | 4.5 | ● | ☾ | ☾ | ☾ |
| Ibiza (A) | 27 | 18 | 21 | | 1 | | ☾ | ☾ | ☾ | ☾ |
| Santa Cruz de Tenerife (A)... | 21 | 16 | 21 | | | 5.5 | ☾ | ☾ | ☾ | ☾ |
| Santa Cruz de Tenerife | 25 | 21 | 24 | | | 9.0 | ☾ | | ☾ | ☾ |
| Las Palmas (A) | 25 | 21 | 24 | | | 6.8 | ☾ | ☾ | ☾ | ☾ |
| Fuerteventura (A) | 27 | 20 | 22 | | | 7.1 | ○ | | ☾ | ☾ |
| Lanzarote (A) | 27 | 19 | 24 | | | 7.4 | ○ | | ☾ | ☾ |
| Ceuta | 26 | | 22 | | | | ☾ | | | ○ |
| Melilla | 22 | 19 | | | | 6.5 | ☾ | ● | | ○ |





ISOBARAS Y FRENTES
PREVISTOS PARA MAÑANA
a 12 h. (T.M.G.)

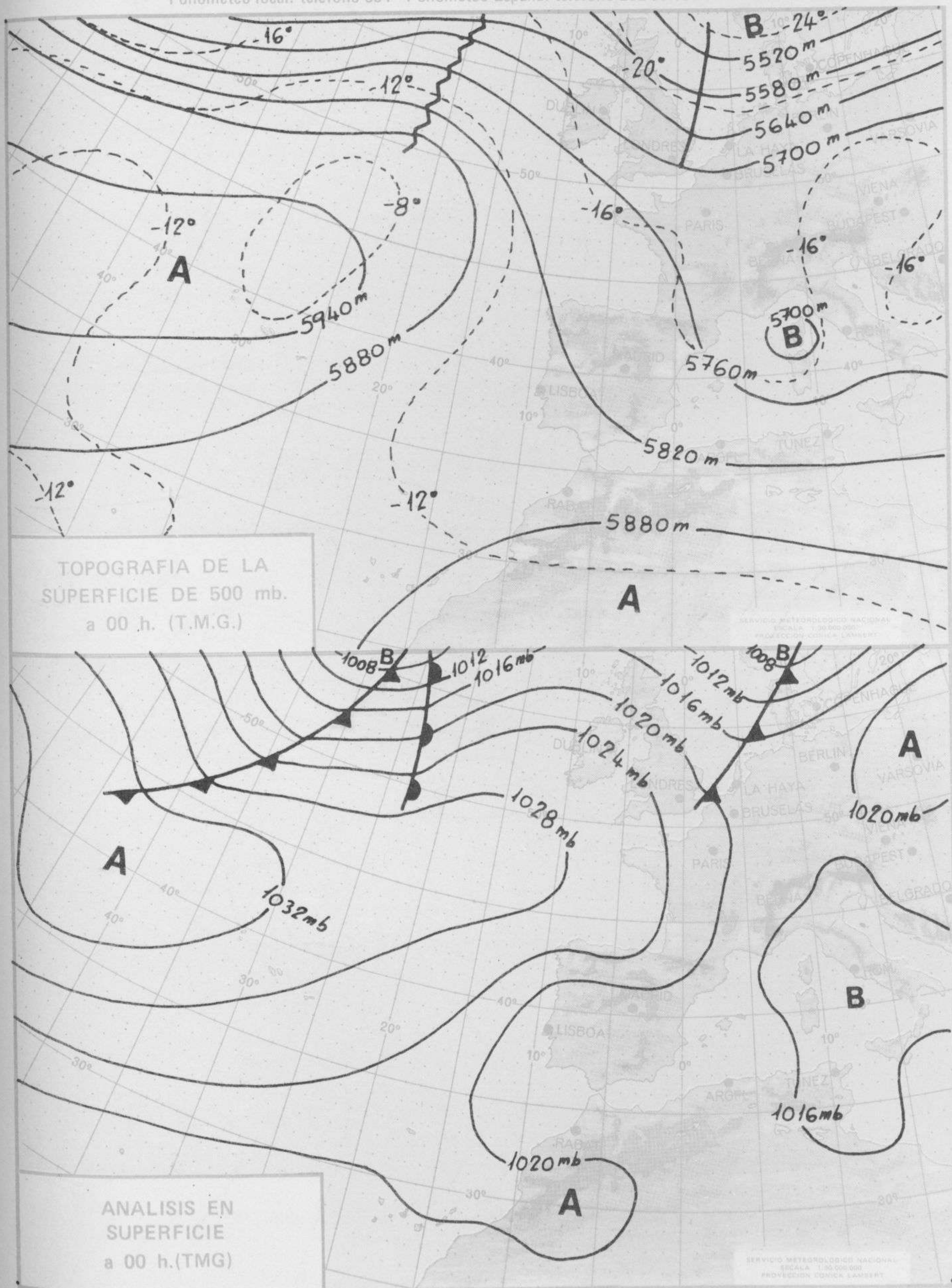
SERVICIO METEOROLOGICO NACIONAL
ESCALA 1:30.000.000
PROYECCION CONICA LAMBERT

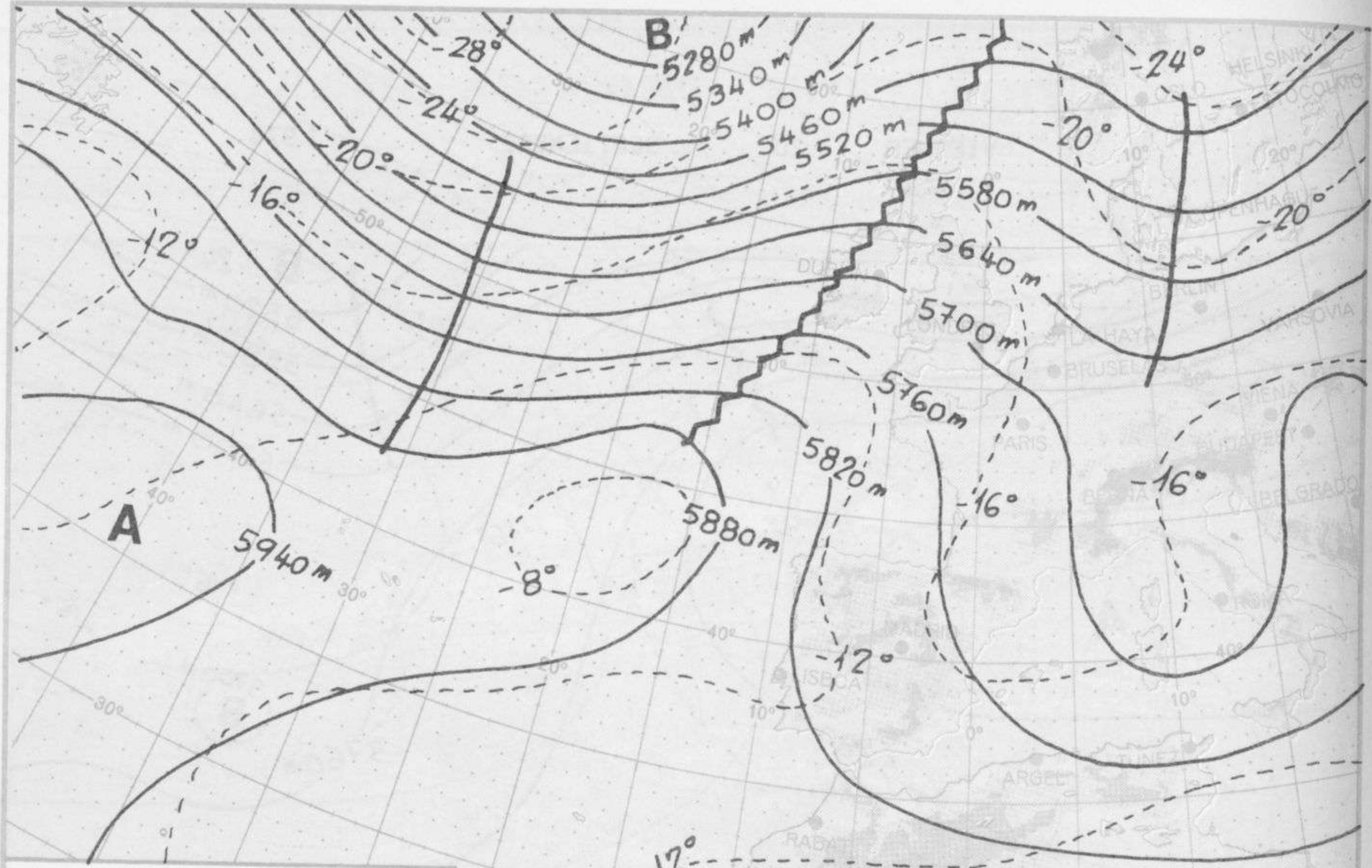


PREVISION DE OLEAJE
PARA MAÑANA
a 12 h. (T.M.G.)

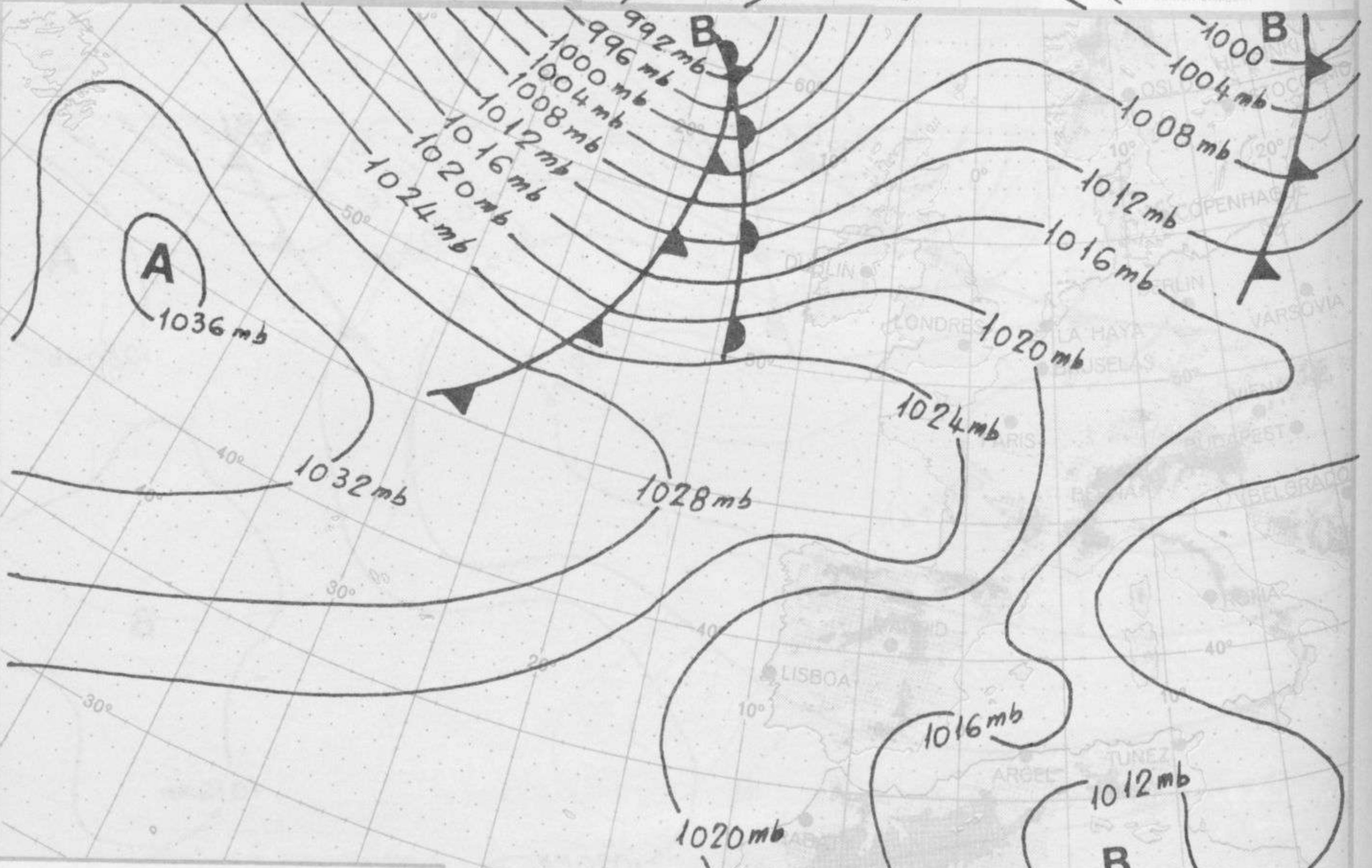
SERVICIO METEOROLOGICO NACIONAL
ESCALA 1:30.000.000
PROYECCION CONICA LAMBERT

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



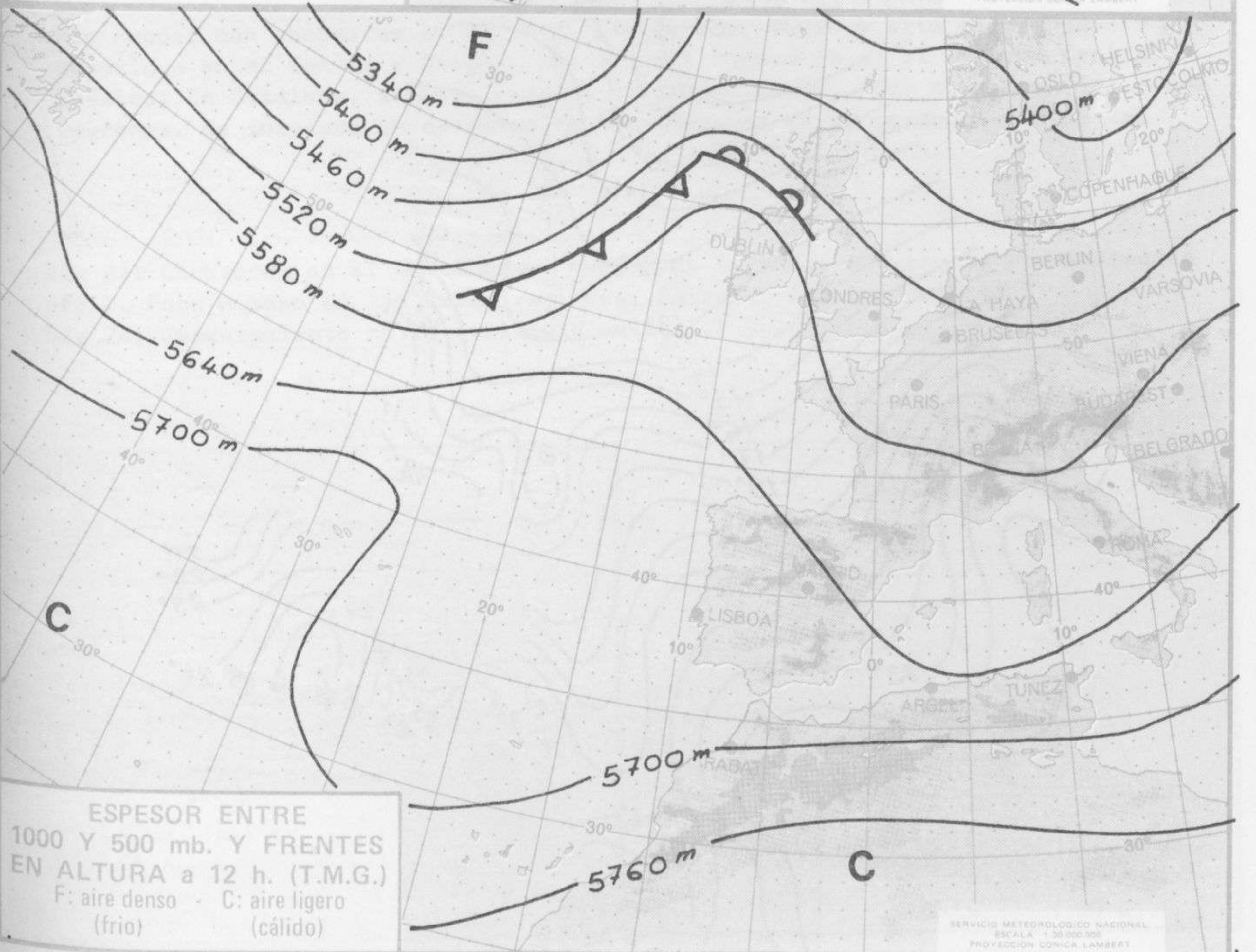
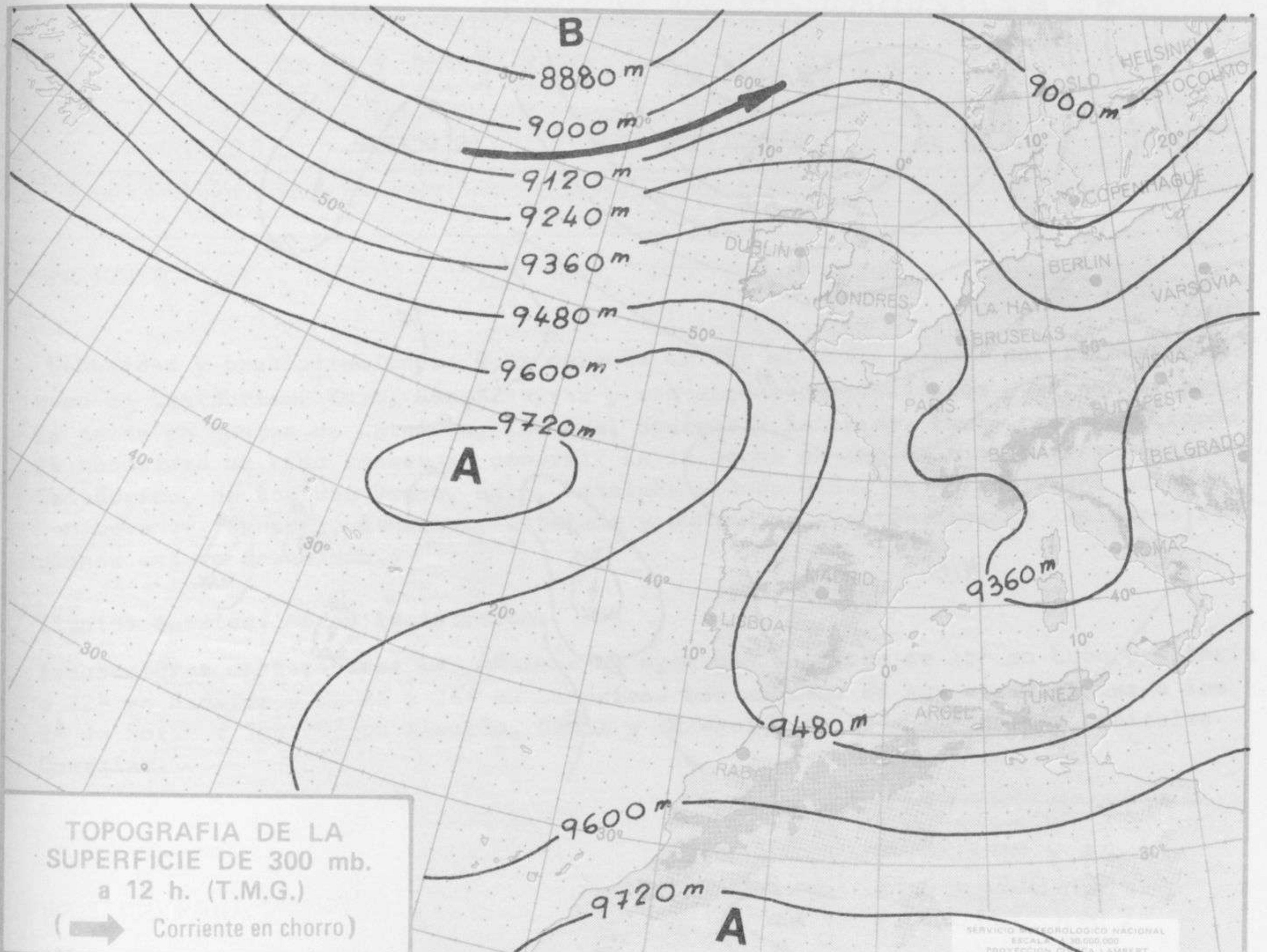


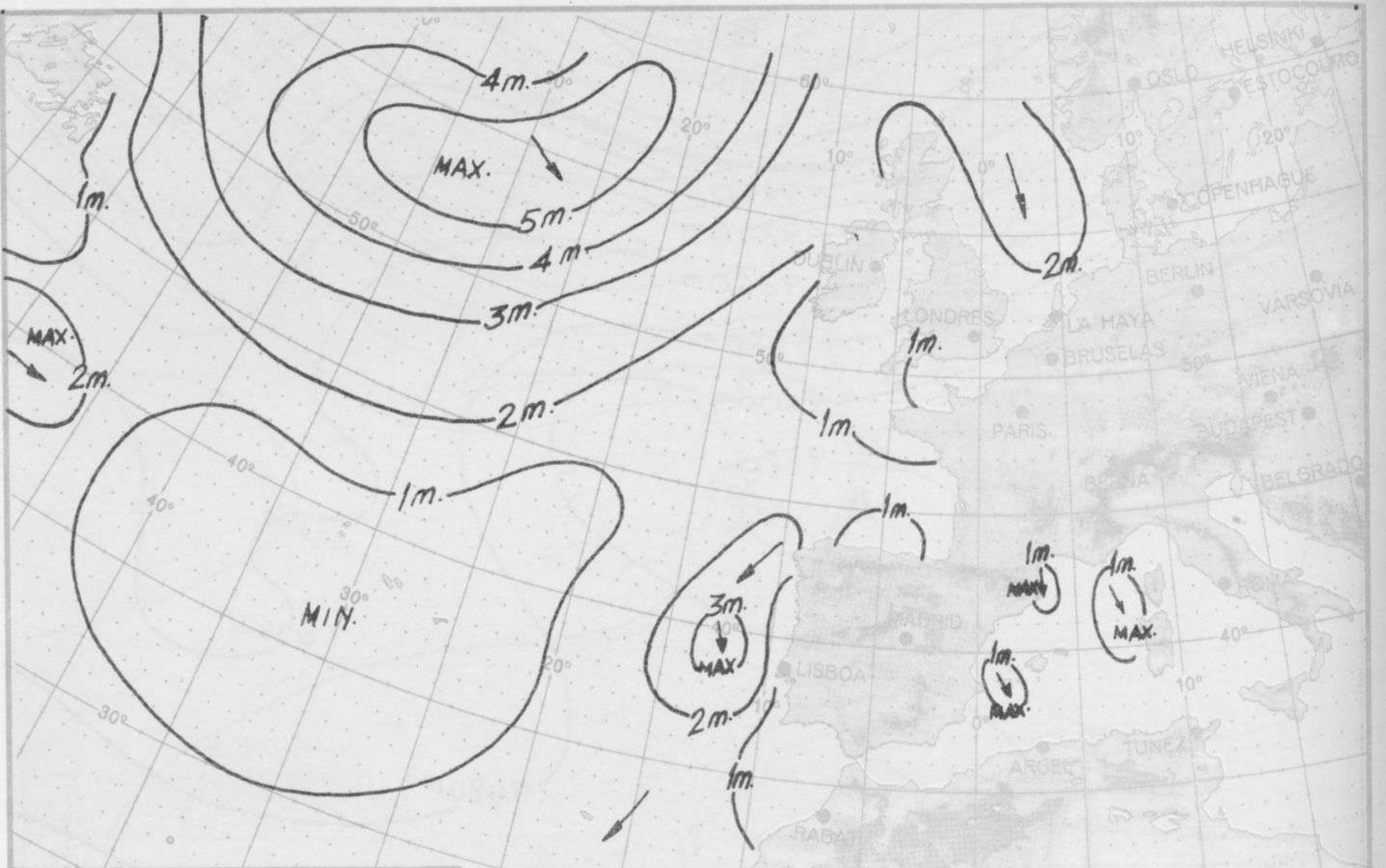
TOPOGRAFIA DE LA SUPERFICIE DE 500 mb. a 12 h. (T.M.G.)



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

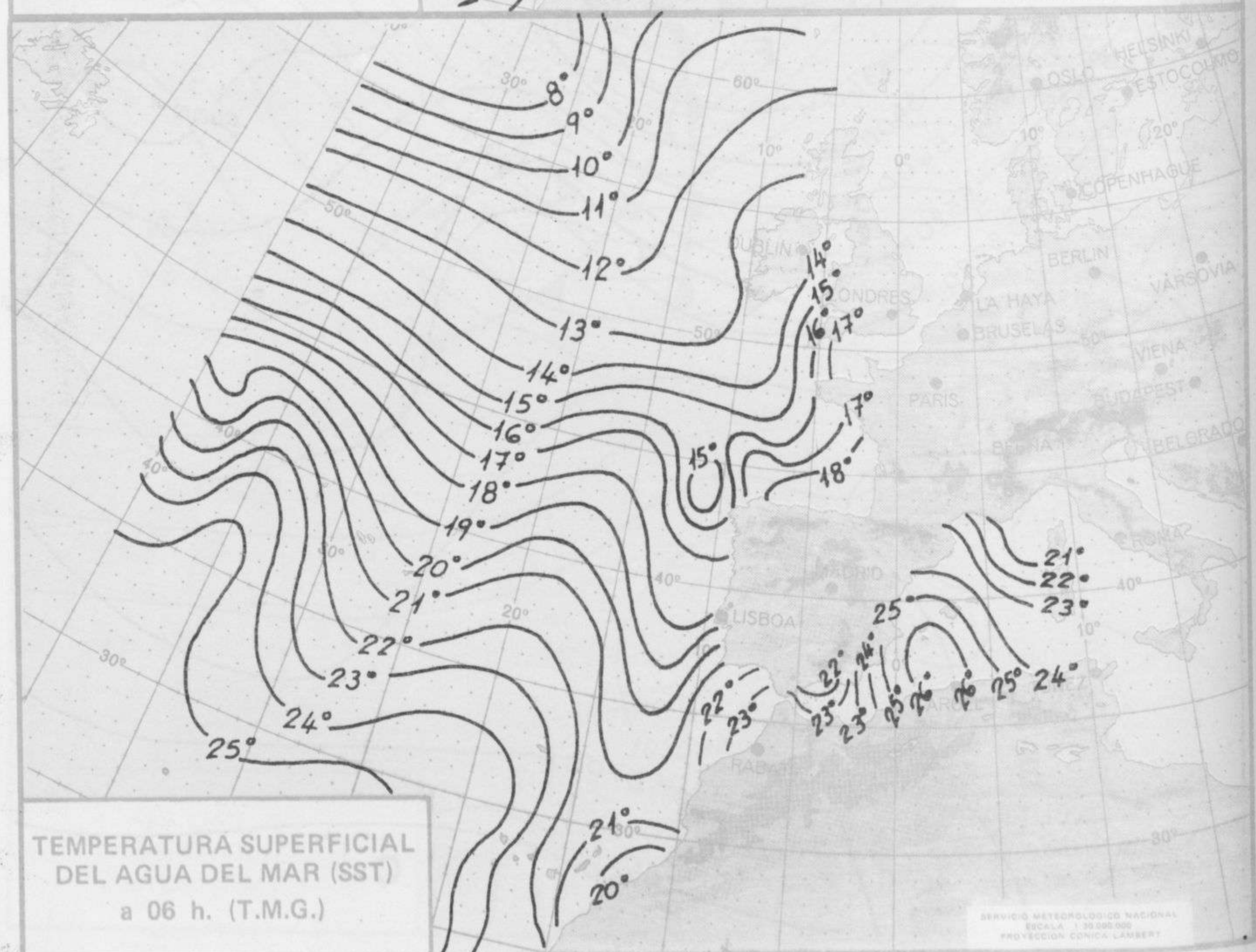
SERVICIO METEOROLOGICO NACIONAL
 ESCALA 1:30.000.000
 PROYECCION CONICA LAMBERT





ALTURA Y DIRECCION
DEL OLAJE
a 06 h. (T.M.G.)

SERVICIO METEOROLOGICO NACIONAL
ESCALA 1:20.000.000
PROYECCION CONICA LAMBERT



TEMPERATURA SUPERFICIAL
DEL AGUA DEL MAR (SST)
a 06 h. (T.M.G.)

SERVICIO METEOROLOGICO NACIONAL
ESCALA 1:20.000.000
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, Viernes 20 de SEPTIEMBRE de 1.974

| | | R A D I O S O N D E O S | | | | | | | | | | | | | | | | |
|---|------|------------------------------|-----|----|----|-----|------|-----------------|----|------------------------------|-------|-----|----|-----|-----|-----------------|-----|----|
| | | Sondeos a 00 horas (T M G) | | | | | | | | Sondeos a 12 horas (T M G) | | | | | | | | |
| | | Presiones tipo | | | | | | Puntos notables | | Presiones tipo | | | | | | Puntos notables | | |
| | | PPP | hhh | TT | DD | dd | ff | PPP | TT | DD | PPP | TT | DD | PPP | TT | DD | PPP | TT |
| La Coruña 08.001 | 1000 | 201 | 16 | 24 | 06 | 15 | 1017 | 17 | 27 | 1000 | 194 | 18 | 52 | 06 | 12 | 1016 | 20 | 56 |
| | 850 | 1567 | 13 | 65 | 05 | 19 | 898 | 9 | 14 | 850 | 1568 | 15 | 68 | 09 | 06 | 933 | 12 | 16 |
| | 700 | 3172 | 4 | 75 | 36 | 08 | 835 | 14 | 79 | 700 | 3102 | 5 | 73 | 06 | 14 | 887 | 13 | 45 |
| | 500 | 5810 | -14 | 31 | 34 | 21 | 703 | 4 | 68 | 500 | 5830 | -13 | 65 | 02 | 19 | 862 | 13 | 43 |
| | 400 | 7460 | -27 | 25 | 34 | 23 | 542 | -10 | 71 | 400 | 7500 | -24 | 63 | 02 | 28 | 691 | 5 | 75 |
| | 300 | 9470 | -43 | 48 | 29 | 23 | 446 | -20 | 72 | 300 | 9540 | -39 | 61 | 04 | 72 | 559 | -9 | 70 |
| | 250 | 10670 | -54 | | 28 | 23 | 405 | -26 | 24 | 250 | 10770 | -46 | | 04 | 57 | 492 | -13 | 64 |
| | 200 | 12090 | -57 | | 33 | 25 | 359 | -32 | 24 | 200 | 12210 | -59 | | 04 | 67 | 281 | -41 | 61 |
| | 150 | 13900 | -59 | | | | 299 | -43 | 41 | 150 | 13970 | -62 | | 02 | 40 | 157 | -63 | |
| | 100 | 16430 | -60 | | 34 | 19 | 205 | -57 | | 100 | | | | | | 135 | -60 | |
| 70 | | | | | | 161 | -57 | | 70 | | | | | | | | | |
| 50 | | | | | | 137 | -61 | | 50 | | | | | | | | | |
| 30 | | | | | | | | | 30 | | | | | | | | | |
| 20 | | | | | | | | | 20 | | | | | | | | | |
| Madrid / Barajas 08.221 | 1000 | 167 | | | | | 948 | 17 | 59 | 1000 | 155 | | | | | 947 | 20 | 62 |
| | 850 | 1532 | 12 | 56 | 03 | 16 | 750 | 6 | 33 | 850 | 1545 | 13 | 62 | 03 | 06 | 900 | 15 | 60 |
| | 700 | 3129 | 2 | 63 | 31 | 15 | 712 | 2 | 60 | 700 | 3152 | -4 | 75 | 06 | 10 | 790 | 10 | 62 |
| | 500 | 5770 | -15 | 57 | 32 | 21 | 669 | 2 | 73 | 500 | 5790 | -16 | 64 | 01 | 12 | 720 | 5 | 60 |
| | 400 | 7420 | -26 | 68 | 33 | 25 | 507 | -14 | 71 | 400 | 7430 | -28 | 59 | 32 | 22 | 670 | 3 | 70 |
| | 300 | 9440 | -41 | | 35 | 22 | 462 | -19 | 50 | 300 | 9440 | -43 | | 24 | 27 | 528 | -13 | 67 |
| | 250 | 10650 | -51 | | 34 | 25 | 420 | -24 | 64 | 250 | 10650 | -52 | | 30 | 25 | 432 | -24 | 59 |
| | 200 | 12080 | -57 | | 32 | 22 | 398 | -26 | 69 | 200 | 12080 | -54 | | 31 | 20 | 240 | -54 | |
| | 150 | 13980 | -58 | | 32 | 28 | 326 | -37 | | 150 | 13920 | -57 | | 31 | 16 | 165 | -54 | |
| | 100 | 16390 | xx | | | | 316 | -39 | | 100 | 16470 | -59 | | 34 | 15 | 127 | -60 | |
| 70 | | | | | | 231 | -55 | | 70 | | | | | | 65 | -57 | | |
| 50 | | | | | | 196 | -57 | | 50 | | | | | | | | | |
| 30 | | | | | | 123 | -63 | | 30 | | | | | | | | | |
| 20 | | | | | | 113 | -62 | | 20 | | | | | | | | | |
| Palma de Mallorca / Bon Bonet 08.302 | 1000 | 157 | 18 | 58 | 21 | 06 | 1013 | 28 | 58 | 1000 | 145 | 24 | 62 | 07 | 09 | 1011 | 25 | 63 |
| | 850 | 1534 | 11 | 59 | 34 | 12 | 947 | 16 | 32 | 850 | 1534 | 10 | 17 | 29 | 14 | 819 | 7 | 02 |
| | 700 | 3128 | 2 | 59 | 31 | 17 | 837 | 10 | 59 | 700 | 3120 | 0 | 56 | 32 | 12 | 595 | -8 | 63 |
| | 500 | 5770 | -15 | 61 | 29 | 23 | 570 | -6 | 60 | 500 | 5740 | -16 | 63 | 30 | 27 | 425 | -25 | 57 |
| | 400 | 7420 | -27 | 63 | 30 | 33 | 346 | -35 | 64 | 400 | 7390 | -28 | 59 | 30 | 23 | 333 | -36 | 67 |
| | 300 | 9420 | -43 | | 30 | 31 | 237 | -54 | | 300 | 9390 | -43 | | 31 | 31 | 237 | -55 | |
| | 250 | 10630 | -51 | | 32 | 35 | 167 | -55 | | 250 | 10600 | -52 | | 31 | 31 | 208 | -59 | |
| | 200 | 12060 | -55 | | 29 | 44 | 150 | -58 | | 200 | 12020 | -55 | | 30 | 43 | 200 | -55 | |
| | 150 | 13900 | -58 | | 28 | 31 | | | | 150 | 13850 | -57 | | 30 | 25 | 130 | -57 | |
| | 100 | | | | | | | | | 100 | 16400 | -58 | | 30 | 10 | 113 | -60 | |
| 70 | | | | | | | | | 70 | | | | | | 103 | -58 | | |
| 50 | | | | | | | | | 50 | | | | | | | | | |
| 30 | | | | | | | | | 30 | | | | | | | | | |
| 20 | | | | | | | | | 20 | | | | | | | | | |
| Santa Cruz de Tenerife 60.020 | 1000 | 163 | 21 | 33 | 09 | 06 | 1016 | 21 | 40 | 1000 | 174 | 22 | 38 | | | 1016 | 23 | 46 |
| | 850 | 1559 | 19 | | | 08 | 947 | 17 | 12 | 850 | 1575 | 19 | | | | 948 | 18 | 09 |
| | 700 | 3193 | 8 | | | 20 | 898 | 21 | | 700 | 3200 | 6 | 58 | | | 923 | 24 | |
| | 500 | 5870 | -11 | | | 28 | 750 | 13 | | 500 | 5870 | -11 | | | | 625 | -1 | 40 |
| | 400 | 7550 | -22 | | | 35 | 611 | -1 | 08 | 400 | 7550 | -22 | | | | 566 | -6 | |
| | 300 | 9590 | -37 | | | 65 | 459 | -15 | | 300 | 9620 | x | | | | 294 | -35 | |
| | 250 | 10640 | -45 | | | 65 | 346 | -30 | | 250 | | | | | | 234 | -40 | |
| | 200 | 12290 | -55 | | | 60 | 187 | -57 | | 200 | | | | | | 146 | -65 | |
| | 150 | 14100 | -63 | | | 70 | 121 | -68 | | 150 | | | | | | 109 | -65 | |
| | 100 | 16560 | -66 | | | 40 | 100 | -66 | | 100 | 16580 | -68 | | | | | | |
| 70 | | | | | | | | | 70 | | | | | | | | | |
| 50 | | | | | | | | | 50 | | | | | | | | | |
| 30 | | | | | | | | | 30 | | | | | | | | | |
| 20 | | | | | | | | | 20 | | | | | | | | | |

| V I E N T O E N A L T I T U D | | | | | | | | | | | | | | | | |
|-------------------------------|---------------|------------|----------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|
| Estación | Tipo de Sonda | Indicativo | día/hora | Tierra dd ff | 1000m dd ff | 1500m dd ff | 2000m dd ff | 3000m dd ff | 4000m dd ff | 5500m dd ff | 7000m dd ff | 9000m dd ff | 10500m dd ff | 12000m dd ff | 13500m dd ff | 16000m dd ff |
| | | | | | | | | | | | | | | | | |

