



BOLETIN DIARIO

AÑO XXII
2ª Epoca
Núm. 139.

MADRID, SABADO 19 de MAYO de 1.973

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: Ayer el cielo estuvo algo nuboso en Baleares y Canarias y cubierto o casi cubierto en toda la Península con precipitaciones, a excepción de Cataluña. Las máximas precipitaciones han correspondido al Centro y fueron de nieve en la Cordillera Central. Se registraron 28 litros por metro cuadrado en Navacerrada, 25 en Barajas, 18 en Pamplona y 17 en Zaragoza. Hubo algunas tormentas en puntos del Estrecho y del Cantábrico. En la noche de hoy estuvo despejado en Levante, Sudeste, parcialmente nuboso en Baleares y Canarias y muy nuboso con claros y chubascos dispersos en las demás regiones, recogiendo de madrugada 19 litros en Lérida y 19 en Reus. Durante la mañana mejoró en Centro, Baleares, Cantábrico y Cataluña.

Vientos fuertes: Ayer se registraron rachas fuertes del sudeste en el Ebro y del suroeste en Extremadura y Almería. Hoy no hubo vientos fuertes.

Temperaturas destacables: Las máximas de ayer han oscilado de 9º en Avila a 23º en Alicante y Murcia; de 22º a 25º en Baleares y de 22º a 23º en capitales Canarias. Las mínimas de hoy oscilaron de 4º en León, Soria y Ciudad Real a 15º en Huelva, Cádiz y Barcelona; y de 14º a 17º en Canarias.

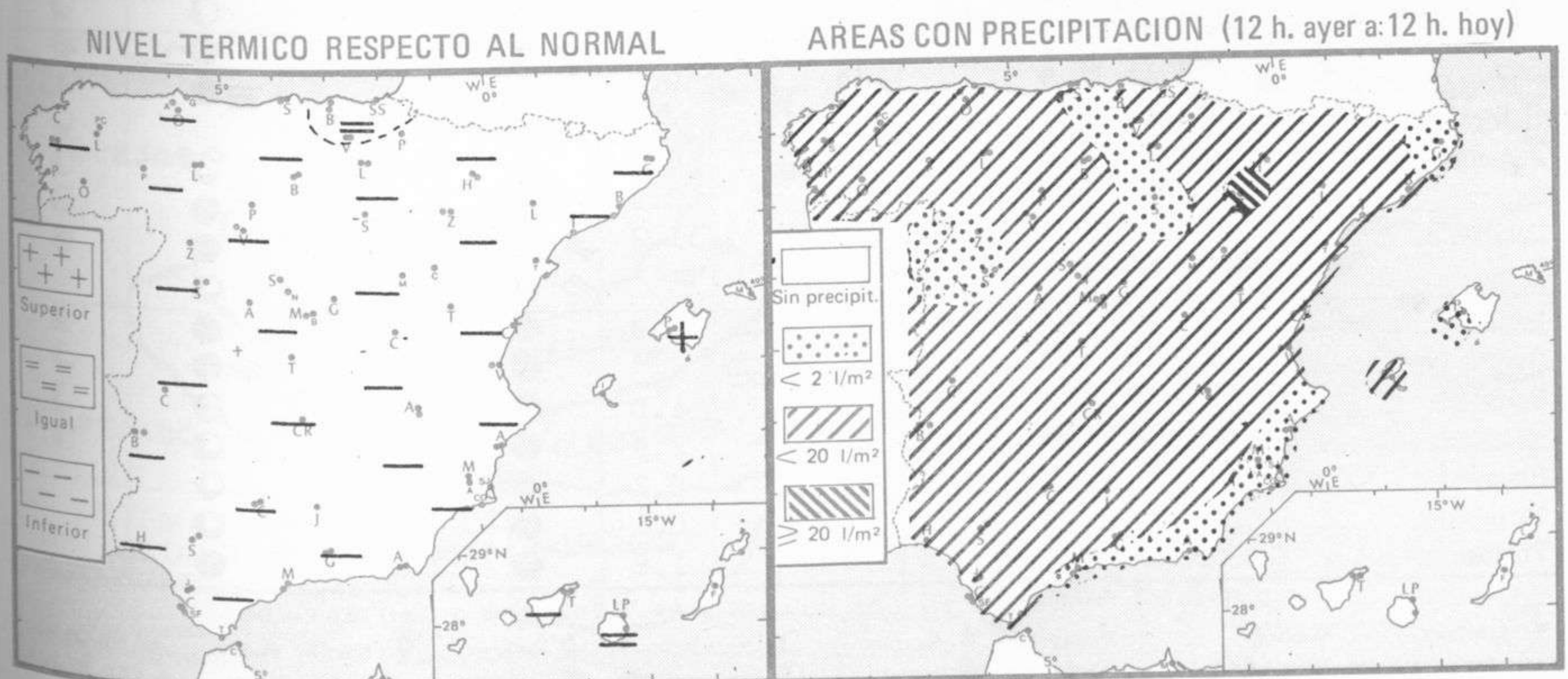
PRONOSTICO PARA MAÑANA:

Muy nuboso o cubierto en la vertiente atlántica, Galicia y Cantábrico con precipitaciones, más importantes en Galicia y Andalucía occidental, extendiéndose por la tarde al área mediterránea. Vientos racheados del suroeste.

TENDENCIA PARA LOS DIAS ...21 Y 22...

Día 21: Régimen de chubascos alternando con claros en las vertientes Atlántica y Cantábrica, lluvias en Galicia y precipitaciones en el área mediterránea.

Día 22: Disminución de la frecuencia de los chubascos alternando con claros.



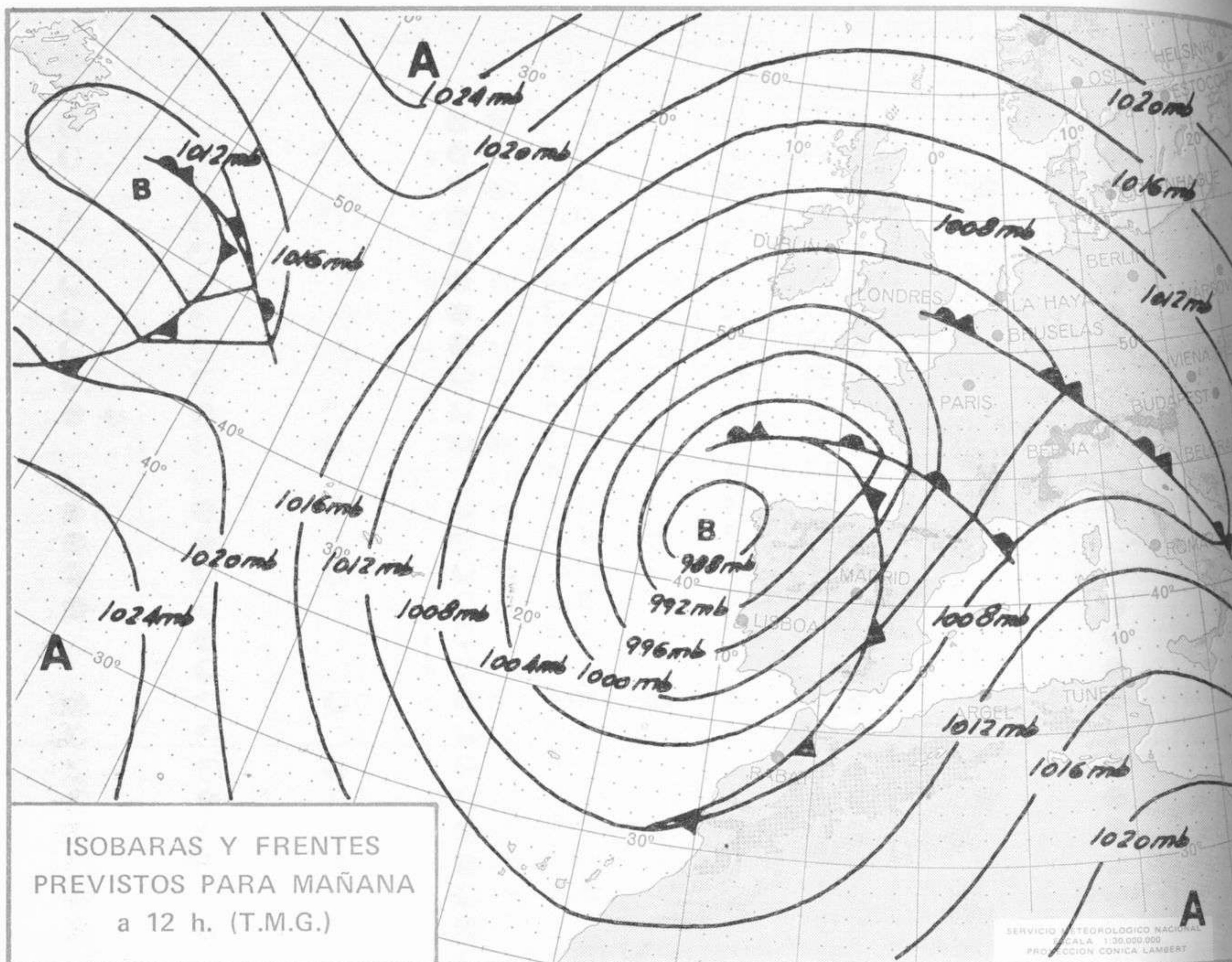
| Estaciones | Temperaturas (°C) | | | Precipitación (l/m²) | | Horas de sol ayer | Meteoros significativos | | | |
|------------------------------|-------------------|---------------|-----------------|----------------------|-----------|-------------------|-------------------------|-----------------|-----------------|-----------------|
| | 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 | 15 | 9 | 11 | 6 | 1 | | ☉ | ☉ | ☉ | ☉ |
| Monteventoso | 14 | 9 | 11 | 3 | | | ☉ | ☉ | ☉ | ☉ |
| Lugo (Punto Centro) | 16 | 5 | 12 | 3 | ip | 4.5 | ☉ | ☉ | ☉ | ☉ |
| Santiago de Compostela (A) | 14 | 6 | 11 | 1 | 3 | 4.0 | ☉ | ☉ | ☉ | ☉ |
| Pontevedra | 16 | | | 6 | | | ☉ | ☉ | ☉ | ☉ |
| Vigo (A) | 13 | 8 | 10 | 2 | 8 | | ☉ | ☉ | ☉ | ☉ |
| Orense | 16 | 7 | 11 | 5 | 1 | | ☉ | ☉ | ☉ | ☉ |
| Ponferrada | 15 | 6 | 12 | X | ip | | ☉ | ☉ | ☉ | ☉ |
| Asturias (A) | 16 | 7 | 16 | 10 | | 3.4 | ☉ | ☉ | ☉ | ☉ |
| Gijón | 13 | 9 | 17 | 6 | | 1.8 | ☉ | ☉ | ☉ | ☉ |
| Santander (A) | 18 | | 20 | | | | ☉ | ☉ | ☉ | ☉ |
| Santander | 18 | 11 | 20 | 1 | | 0.0 | ☉ | ☉ | ☉ | ☉ |
| Bilbao (A) | 20 | 10 | 20 | 5 | | 0.2 | ☉ | ☉ | ☉ | ☉ |
| San Sebastian/Igueldo | 16 | | 17 | 8 | | | ☉ | ☉ | ☉ | ☉ |
| San Sebastian (A) | 20 | 9 | 21 | 7 | | 0.4 | ☉ | ☉ | ☉ | ☉ |
| León (A) | 11 | 4 | 10 | 6 | 1 | | ☉ | ☉ | ☉ | ☉ |
| Zamora | 11 | 6 | | 1 | | 2.4 | ☉ | ☉ | ☉ | ☉ |
| Palencia | 12 | 6 | | 6 | | | ☉ | ☉ | ☉ | ☉ |
| Burgos (A) | 10 | 4 | 11 | 14 | ip | 0.0 | ☉ | ☉ | ☉ | ☉ |
| Burgos | 11 | 5 | 12 | 6 | ip | 0.0 | ☉ | ☉ | ☉ | ☉ |
| Valladolid (A) | 10 | 2 | | 5 | | 2.2 | ☉ | ☉ | ☉ | ☉ |
| Valladolid | 11 | 6 | 13 | 5 | ip | 1.8 | ☉ | ☉ | ☉ | ☉ |
| Soria | 11 | 4 | 11 | 4 | ip | 0.0 | ☉ | ☉ | ☉ | ☉ |
| Salamanca (A) | 11 | 6 | 11 | ip | ip | 3.1 | ☉ | ☉ | ☉ | ☉ |
| Avila | 9 | 5 | 9 | 1 | | 1.1 | ☉ | ☉ | ☉ | ☉ |
| Segovia | 12 | 5 | 12 | 3 | | | ☉ | ☉ | ☉ | ☉ |
| Navacerrada | 1 | -1 | 0 | 30 | 4 | 0.0 | ☉ | ☉ | ☉ | ☉ |
| Madrid/Barajas | 12 | 7 | 16 | 25 | | 1.0 | ☉ | ☉ | ☉ | ☉ |
| Madrid (Cdad.Universitaria) | 15 | 6 | 13 | 16 | | | ☉ | ☉ | ☉ | ☉ |
| Guadalajara | 13 | 7 | | 16 | | | ☉ | ☉ | ☉ | ☉ |
| Toledo | | 9 | 13 | ip | ip | 0.8 | ☉ | ☉ | ☉ | ☉ |
| Cuenca | 13 | 6 | 10 | 10 | | 0.3 | ☉ | ☉ | ☉ | ☉ |
| Molina de Aragón | 13 | 6 | 11 | 7 | | | ☉ | ☉ | ☉ | ☉ |
| Ciudad Real | 14 | 4 | 12 | 10 | | 1.7 | ☉ | ☉ | ☉ | ☉ |
| Albacete (A) | 15 | 7 | 15 | 12 | | 0.7 | ☉ | ☉ | ☉ | ☉ |
| Cáceres | 12 | 9 | 11 | 8 | 1 | | ☉ | ☉ | ☉ | ☉ |
| Badajoz (A) | 17 | 11 | | 1 | | 3.7 | ☉ | ☉ | ☉ | ☉ |
| Vitoria (A) | 16 | 8 | 14 | 3 | ip | | ☉ | ☉ | ☉ | ☉ |
| Logroño | 19 | 6 | 18 | 1 | | 0.0 | ☉ | ☉ | ☉ | ☉ |
| Logroño (A) | 18 | 9 | 17 | ip | | 0.3 | ☉ | ☉ | ☉ | ☉ |
| Pamplona | 15 | 9 | 16 | 24 | | 0.0 | ☉ | ☉ | ☉ | ☉ |
| Huesca (A) | 16 | 9 | | 29 | | 0.0 | ☉ | ☉ | ☉ | ☉ |
| Daroca | 17 | | 14 | 2 | | | ☉ | ☉ | ☉ | ☉ |
| Zaragoza (A) | 13 | 8 | 19 | 15 | | 0.6 | ☉ | ☉ | ☉ | ☉ |
| Zaragoza | 12 | X | 18 | 36 | | 0.0 | ☉ | ☉ | ☉ | ☉ |
| Calamocha | 17 | 5 | 12 | 8 | | 1.2 | ☉ | ☉ | ☉ | ☉ |
| Teruel | 16 | 6 | | 13 | | | ☉ | ☉ | ☉ | ☉ |
| Lérida | 19 | 12 | 19 | 19 | ip | 0.0 | ☉ | ☉ | ☉ | ☉ |
| Gerona (A) | 20 | 13 | 20 | 1 | | | ☉ | ☉ | ☉ | ☉ |
| Barcelona | 19 | 15 | 20 | 6 | | 1.0 | ☉ | ☉ | ☉ | ☉ |
| Barcelona (A) | 18 | 14 | 19 | 7 | | 2.0 | ☉ | ☉ | ☉ | ☉ |
| Reus (A) | 19 | 12 | | 17 | | 0.2 | ☉ | ☉ | ☉ | ☉ |
| Tarragona | 19 | 14 | | 4 | | 0.1 | ☉ | ☉ | ☉ | ☉ |
| Tortosa | 21 | 12 | | 9 | | 1.8 | ☉ | ☉ | ☉ | ☉ |

SIMBOLOS UTILIZADOS EN LOS CUADROS DE METEOROS SIGNIFICATIVOS

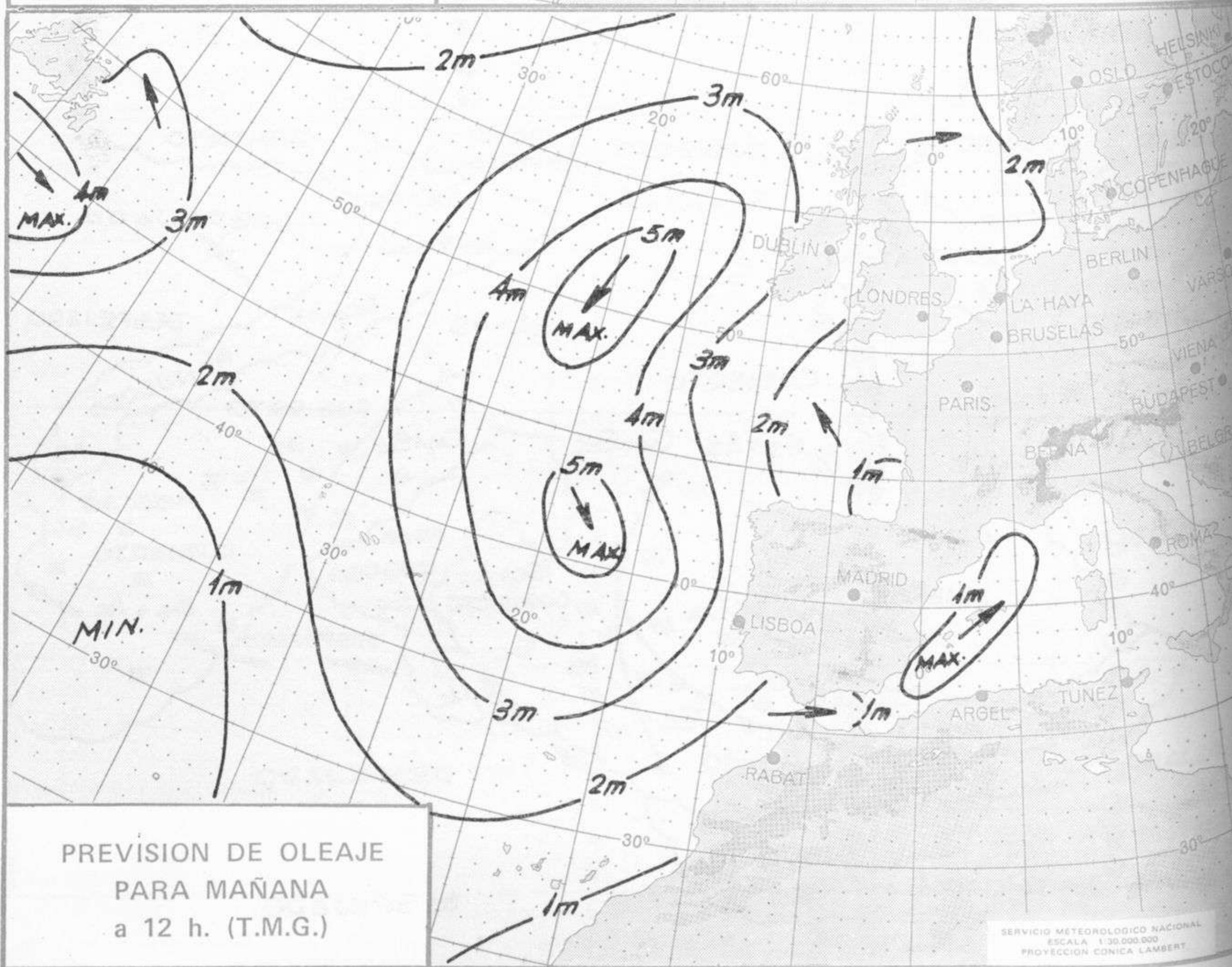
- ☉ Llovizna
- ☉ Despejado
- ☉ Nuboso
- ☉ NW 30 nudos
- ☉ NE 35 nudos
- ☉ SE 65 nudos
- ☉ Lluvia
- ☉ Niebla
- ☉ Tormenta
- ☉ Granizo
- ☉ Poco nuboso
- ☉ Cubierto
- ☉ SW 50 nudos
- ☉ Nieve

| 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 | 21 | | 22 | 11 | | | /// ● | | | ○ |
| Valencia (A) | 20 | 11 | 21 | 14 | | 1.0 | , ● | ○ | ○ | ○ |
| Valencia | 19 | 10 | | 10 | | 0.7 | /// ● | | ○ | |
| Alicante (A) | 21 | 10 | 23 | ip | | 4.0 | ● | ○ | ○ | ○ |
| Alicante | 23 | 10 | | 1 | | 3.6 | ● | | ○ | |
| Murcia (A) | 23 | 11 | 22 | 1 | | 3.2 | ● | | ○ | ○ |
| Murcia | 23 | 11 | 23 | 1 | | 3.1 | ● | | ○ | ○ |
| Cartagena | 17 | 14 | 17 | ip | | | ● | | ○ | ○ |
| San Javier | 22 | 10 | 22 | ip | | 4.0 | ○ | ○ | ○ | ○ |
| Sevilla (A) | 20 | 10 | 16 | 13 | 9 | 3.8 | ○ | ○ | ● | /// ● |
| Córdoba (A) | 19 | 10 | | 5 | | 3.1 | /// ● | ○ | ○ | |
| Jaén | | 0 | 17 | 4 | | 2.4 | ' ● | | ○ | ○ |
| Granada (A) | 14 | 8 | 16 | 14 | | 3.1 | ○ | ● | ● | ● |
| Huelva | 19 | 15 | 18 | 3 | ip | 1.5 | ○ | | ● | ● |
| Jerez de la Frontera (A) ... | 19 | 12 | 19 | 12 | 2 | 7.5 | ○ | ○ | ○ | ● |
| Cádiz | 17 | 15 | 17 | 8 | | 9.5 | ○ | | ○ | ● |
| San Fernando | 20 | 14 | | 18 | | 4.5 | ○ | | ● | |
| Tarifa | 19 | 13 | | 17 | | 4.6 | ○ | | ○ | ○ |
| Málaga (A) | 20 | 9 | 19 | 14 | ip | 6.2 | ● | ○ | ○ | ● |
| Almería (A) | 19 | 13 | 19 | ip | | 3.7 | ○ | | ○ | ○ |
| Palma de Mallorca (A) | 25 | 14 | 21 | | | 11.0 | ○ | ● | ○ | ○ |
| Mahón (A) | 23 | 15 | 22 | | | 11.0 | ○ | ○ | ● | ○ |
| Ibiza (A) | 22 | 14 | 20 | 4 | | 9.8 | ● | ● | ○ | ○ |
| Santa Cruz de Tenerife (A)... | 17 | 11 | 18 | | | | ● | ● | ○ | ○ |
| Santa Cruz de Tenerife | 22 | 14 | 21 | | | 5.8 | ○ | | ○ | ● |
| Las Palmas (A) | 23 | 12 | 19 | | | | ● | ● | ● | ● |
| Fuerteventura (A) | 24 | 13 | 22 | | | 9.5 | ○ | | ○ | ○ |
| Lanzarote (A) | X | 13 | 22 | | | 7.2 | ○ | | ○ | ○ |
| Ceuta | 19 | | 17 | ip | | | ○ | | | ○ |
| Melilla | 22 | X | | 3 | | | ○ | ○ | ○ | |





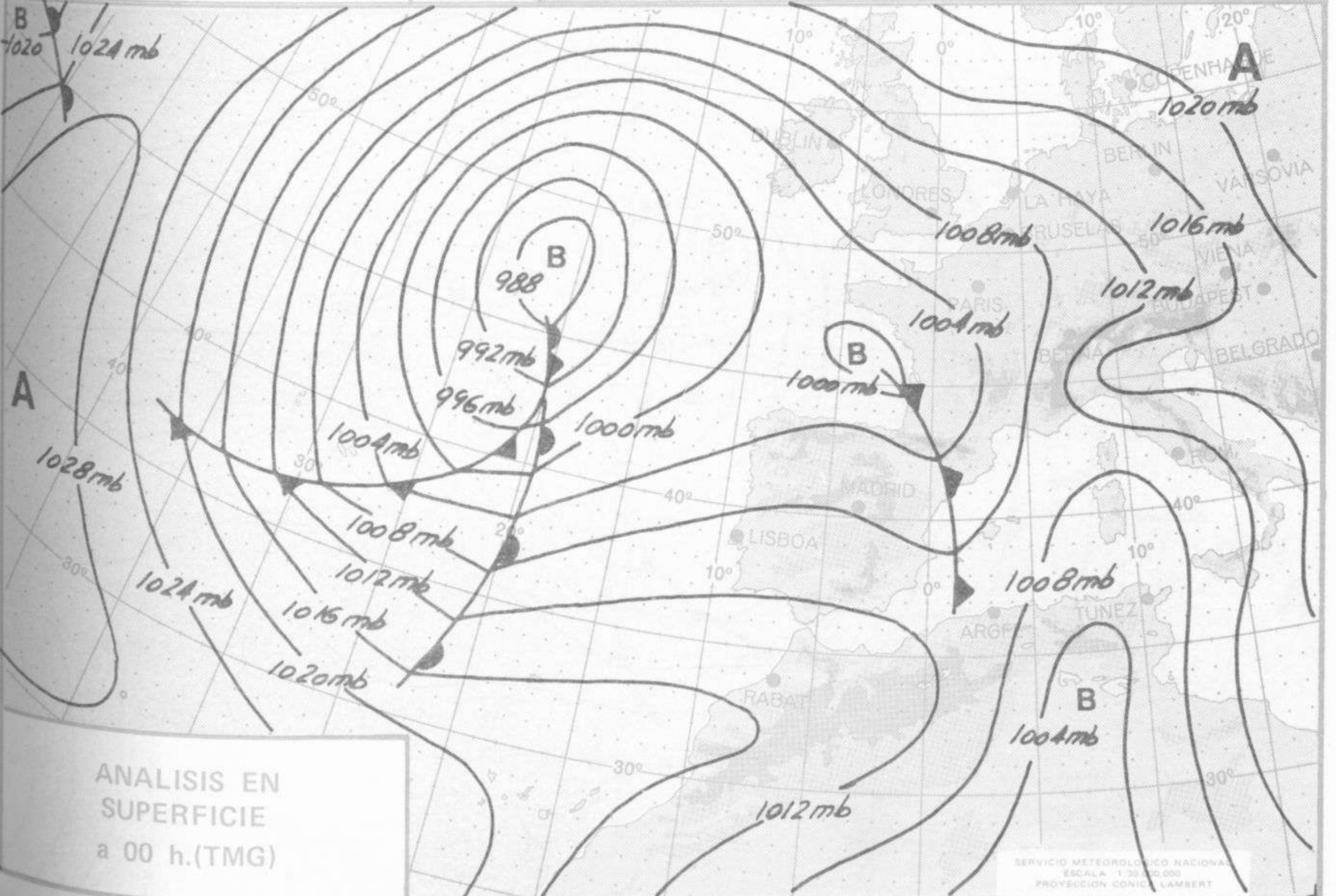
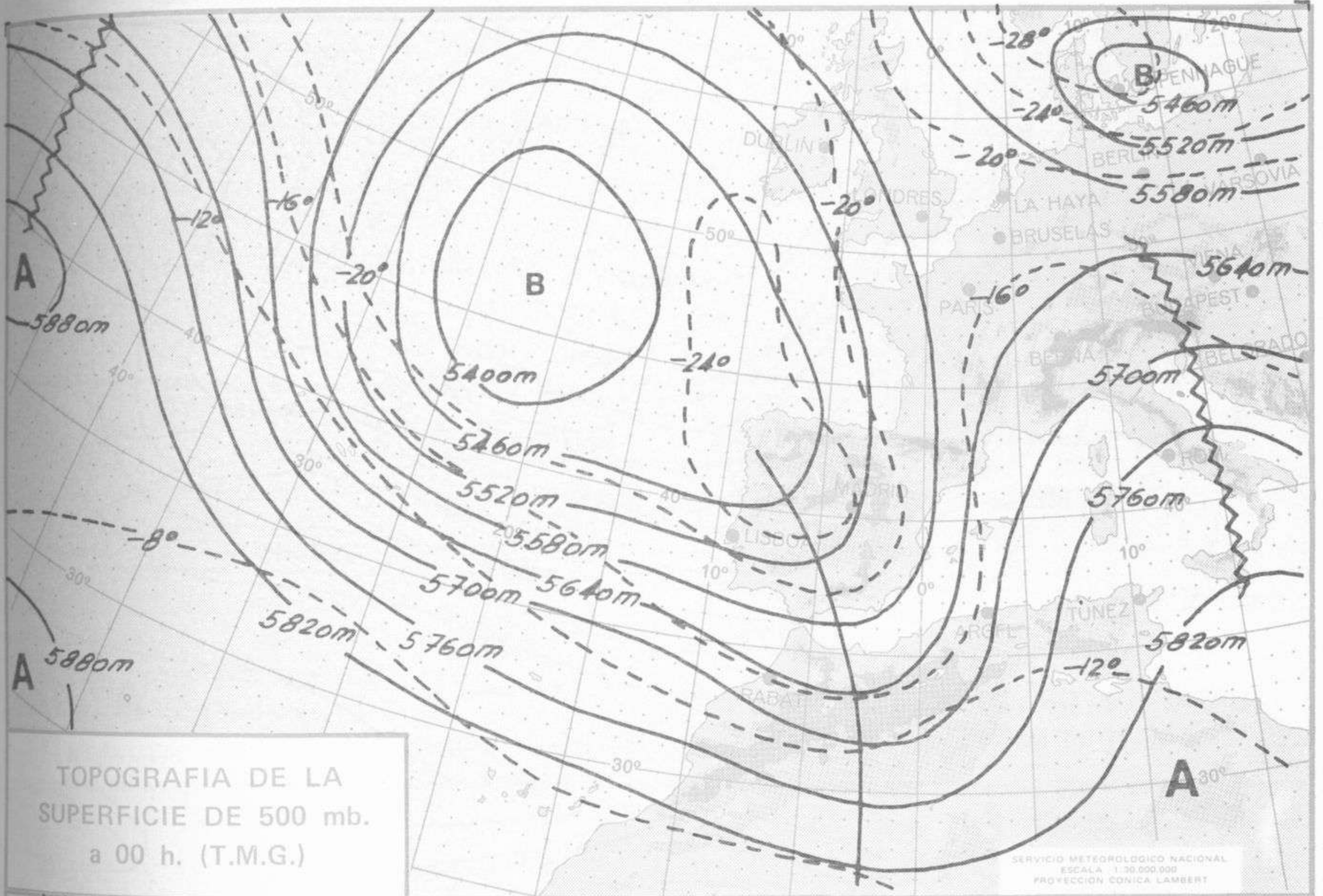
ISOBARAS Y FRENTES
 PREVISTOS PARA MAÑANA
 a 12 h. (T.M.G.)

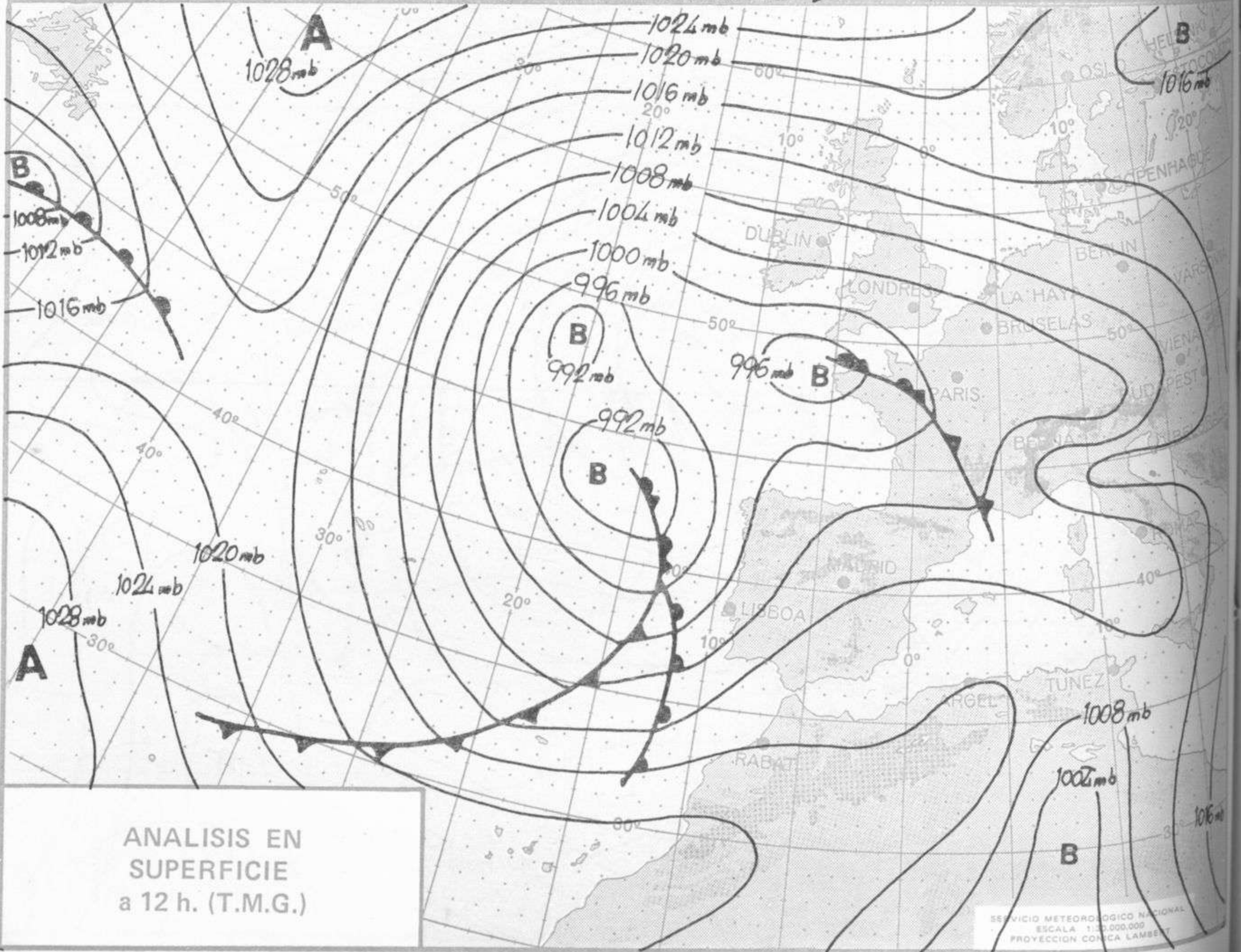
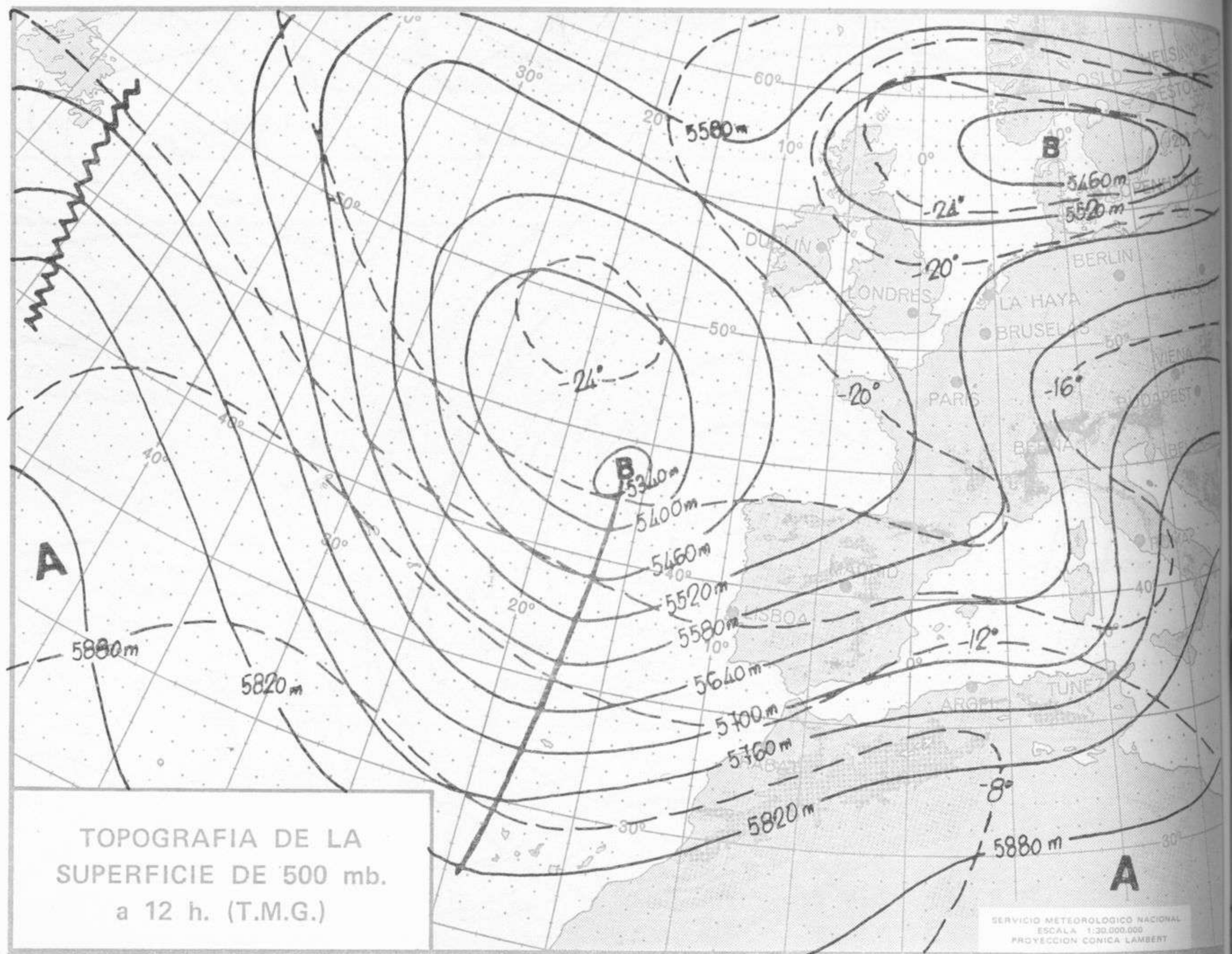


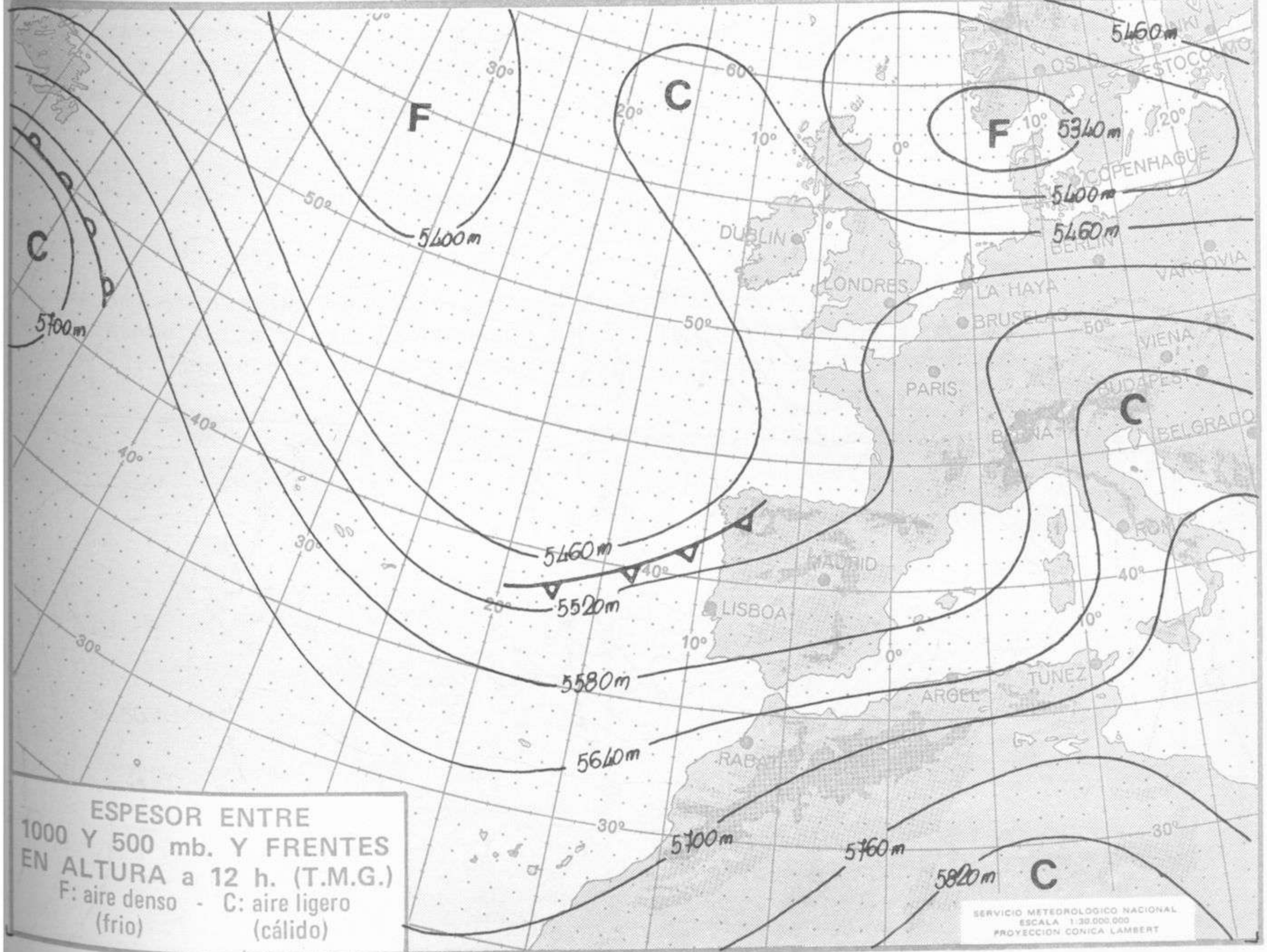
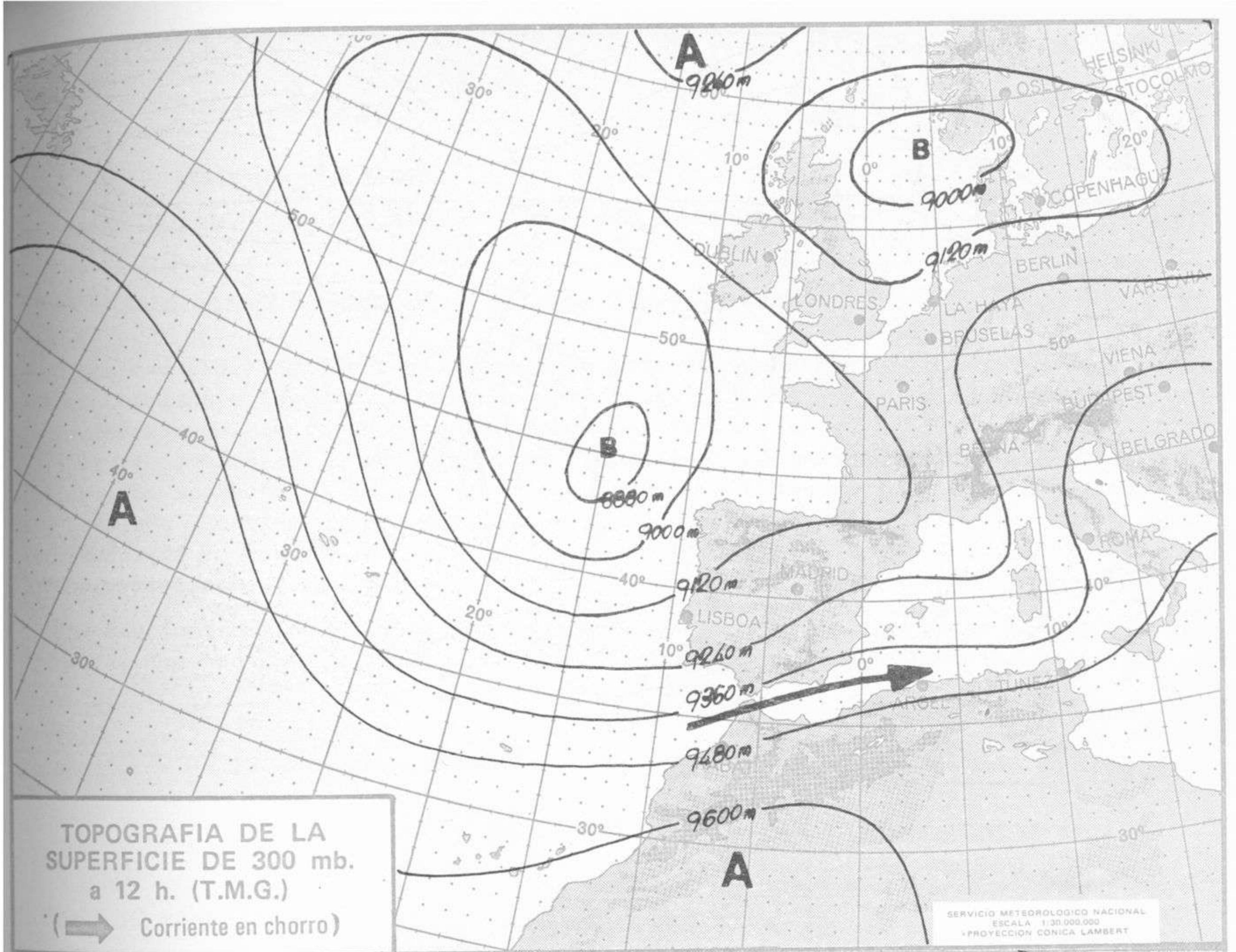
PREVISION DE OLEAJE
 PARA MAÑANA
 a 12 h. (T.M.G.)

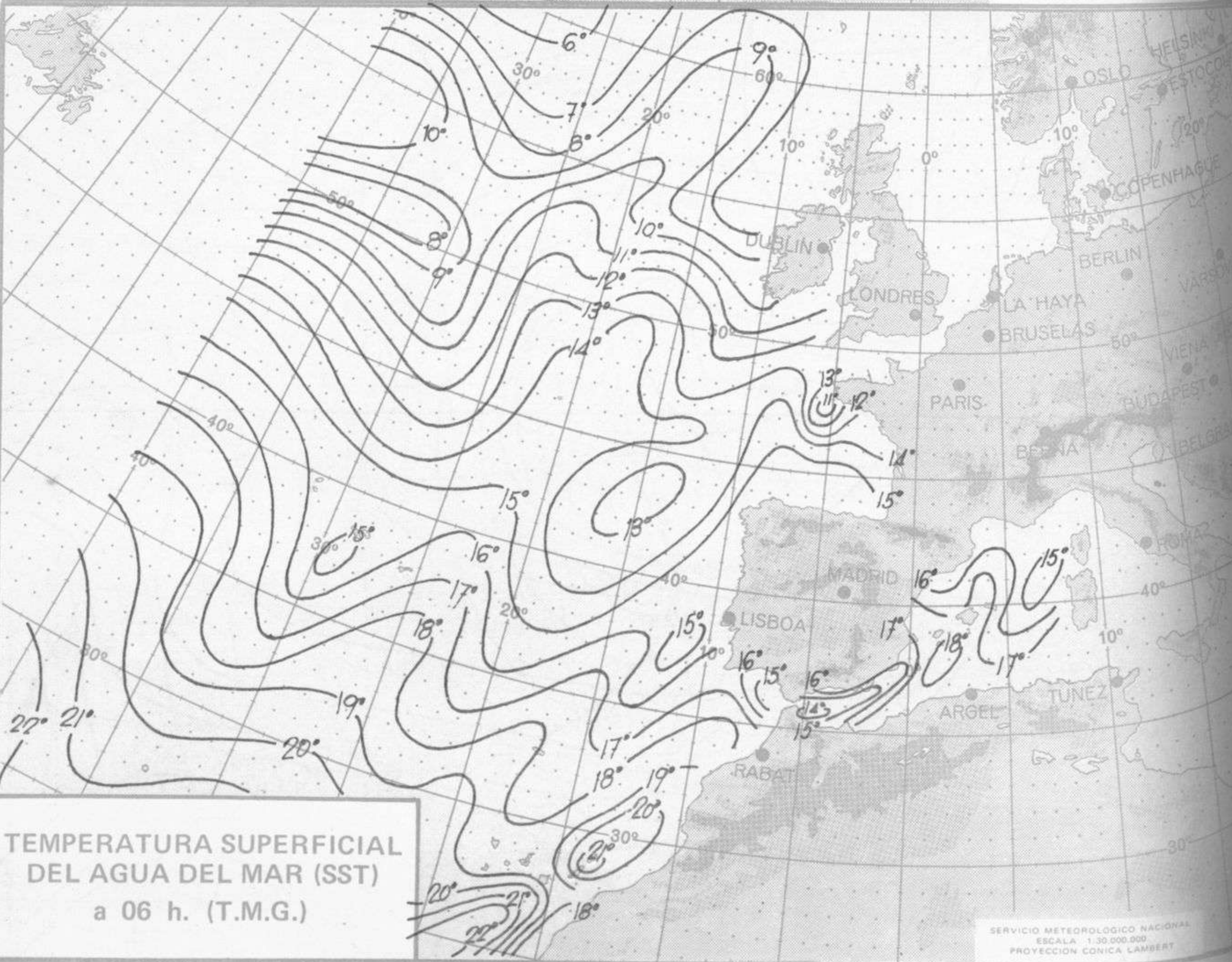
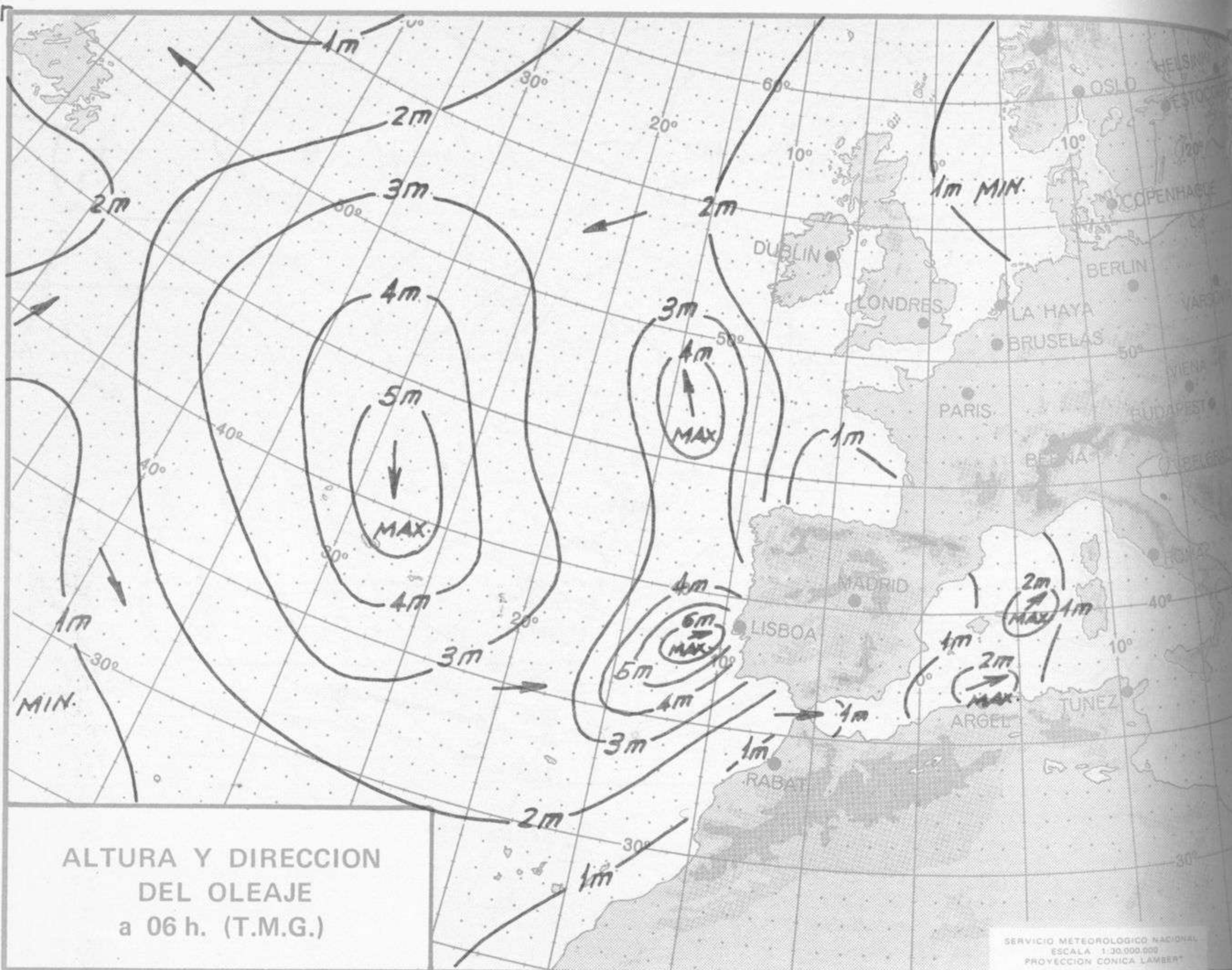


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COMPLEMENTO A LA INFORMACION TECNICA DIARIA



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, Sábado 19 de MAYO de 1.973

| | | 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 |
| La Coruña | 08.001 | 1000 | | | | | | 972 | 12 | 00 | 1000 | | | 972 | 12 | 00 |
| | | 850 | 1750 | 2 | 00 | 27 | 12 | 922 | 7 | 00 | 850 | 1746 | 3 | 00 | 18 | 36 |
| | | 700 | 2000 | -5 | 37 | 25 | 18 | 952 | 5 | 00 | 700 | 2098 | -4 | 00 | 20 | 20 |
| | | 500 | 5400 | -25 | 55 | 26 | 16 | 760 | -5 | 00 | 500 | 5480 | -20 | 57 | 19 | 21 |
| | | 400 | 7000 | -38 | 57 | 27 | 19 | 722 | -4 | 24 | 400 | 7100 | -32 | 57 | 21 | 15 |
| | | 300 | 9950 | -48 | | 29 | 25 | 624 | -7 | 46 | 300 | 9060 | -49 | | 20 | 66 |
| | | 250 | 10150 | -49 | | 29 | 19 | 554 | -18 | 56 | 250 | 10240 | -55 | | 24 | 99 |
| | | 200 | | | | | | 405 | -37 | 57 | 200 | 11600 | -50 | - | | |
| | | 150 | | | | | | 365 | -40 | 57 | 150 | 12550 | -51 | | | |
| | | 100 | | | | | | 316 | -48 | | 100 | | | | | |
| | | 70 | | | | | | 240 | -49 | | 70 | | | | | |
| | 50 | | | | | | | | | 50 | | | | | | |
| | 30 | | | | | | | | | 30 | | | | | | |
| | 20 | | | | | | | | | 20 | | | | | | |
| Madrid / Barajas | 08.221 | 1000 | | | | | | 972 | 10 | 00 | 1000 | | | 972 | 10 | 00 |
| | | 850 | 1400 | 5 | 20 | 25 | 27 | 640 | 9 | 00 | 850 | | | | | |
| | | 700 | 2000 | -5 | 17 | 23 | 20 | 537 | -21 | 18 | 700 | | | | | |
| | | 500 | 5510 | -25 | 25 | 20 | 20 | 355 | -44 | 49 | 500 | | | | | |
| | | 400 | 7000 | -39 | 38 | 19 | 29 | 200 | -48 | | 400 | | | | | |
| | | 300 | 9000 | -45 | | 24 | 40 | 130 | -51 | | 300 | | | | | |
| | | 250 | 10240 | -45 | | 40 | 30 | | | | 250 | | | | | |
| | | 200 | 11710 | -48 | | 24 | 38 | | | | 200 | | | | | |
| | | 150 | 12600 | -50 | | 22 | 30 | | | | 150 | | | | | |
| | | 100 | | | | | | | | | 100 | | | | | |
| | | 70 | | | | | | | | | 70 | | | | | |
| | 50 | | | | | | | | | 50 | | | | | | |
| | 30 | | | | | | | | | 30 | | | | | | |
| | 20 | | | | | | | | | 20 | | | | | | |
| Palma de Mallorca / Bon Bonat | 08.302 | 1000 | 75 | 17 | 16 | 00 | 00 | 100 | 17 | 00 | 1000 | 55 | 10 | 55 | 03 | 25 |
| | | 850 | 1442 | 0 | 19 | 25 | 17 | 658 | -4 | 00 | 850 | 1454 | 7 | 03 | 24 | 27 |
| | | 700 | 1600 | -1 | 02 | 15 | 23 | 672 | -3 | 00 | 700 | 1600 | 0 | | 24 | 35 |
| | | 500 | 5650 | -17 | 35 | 18 | 25 | 497 | -17 | 42 | 500 | 5650 | -16 | | 26 | 52 |
| | | 400 | 7280 | -31 | 22 | 19 | 26 | 415 | -22 | 14 | 400 | 7280 | -29 | | 27 | 38 |
| | | 300 | 9250 | -47 | | 25 | 43 | 266 | -55 | 95 | 300 | 9280 | -44 | | 25 | 48 |
| | | 250 | 10400 | -55 | | | | | | | 250 | 10400 | -51 | | | |
| | | 200 | 11800 | -55 | | | | | | | 200 | 10400 | -51 | | | |
| | | 150 | 12600 | -55 | | | | | | | 150 | 11910 | -52 | | | |
| | | 100 | 15200 | -57 | | | | | | | 100 | 12770 | -53 | | | |
| | | 70 | | | | | | | | | 70 | 16370 | -55 | | | |
| | 50 | | | | | | | | | 50 | | | | | | |
| | 30 | | | | | | | | | 30 | | | | | | |
| | 20 | | | | | | | | | 20 | | | | | | |
| Santa Cruz de Tenerife | 60.020 | 1000 | | | | | | | | | 1000 | | | | | |
| | | 850 | | | | | | | | | 850 | | | | | |
| | | 700 | | | | | | | | | 700 | | | | | |
| | | 500 | | | | | | | | | 500 | | | | | |
| | | 400 | | | | | | | | | 400 | | | | | |
| | | 300 | | | | | | | | | 300 | | | | | |
| | | 250 | | | | | | | | | 250 | | | | | |
| | | 200 | | | | | | | | | 200 | | | | | |
| | | 150 | | | | | | | | | 150 | | | | | |
| | | 100 | | | | | | | | | 100 | | | | | |
| | | 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 | dia/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 |
| | | | | | | | | | | | | | | | | |

