



The Met. Office

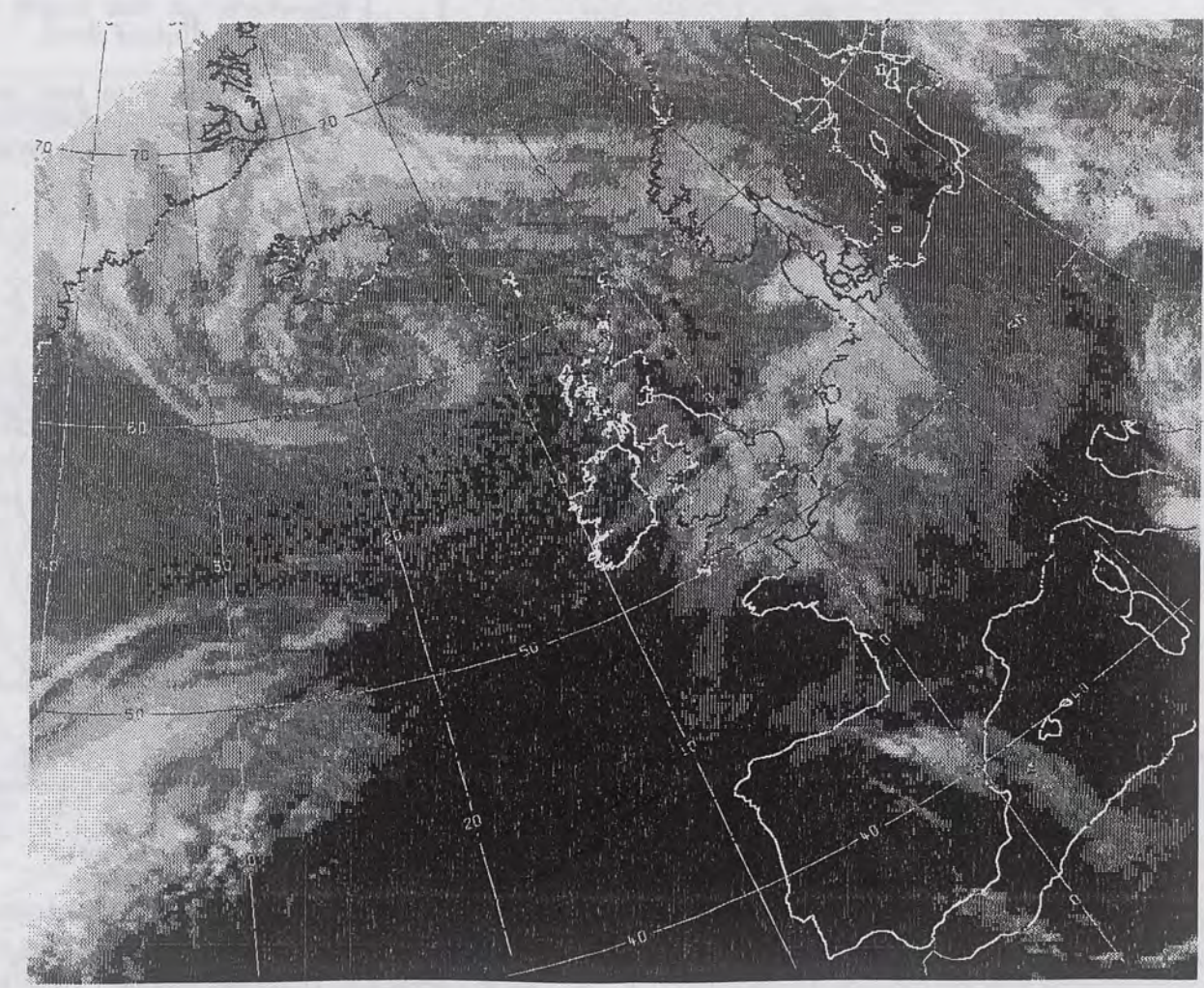
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Sunday  
1st December  
1996

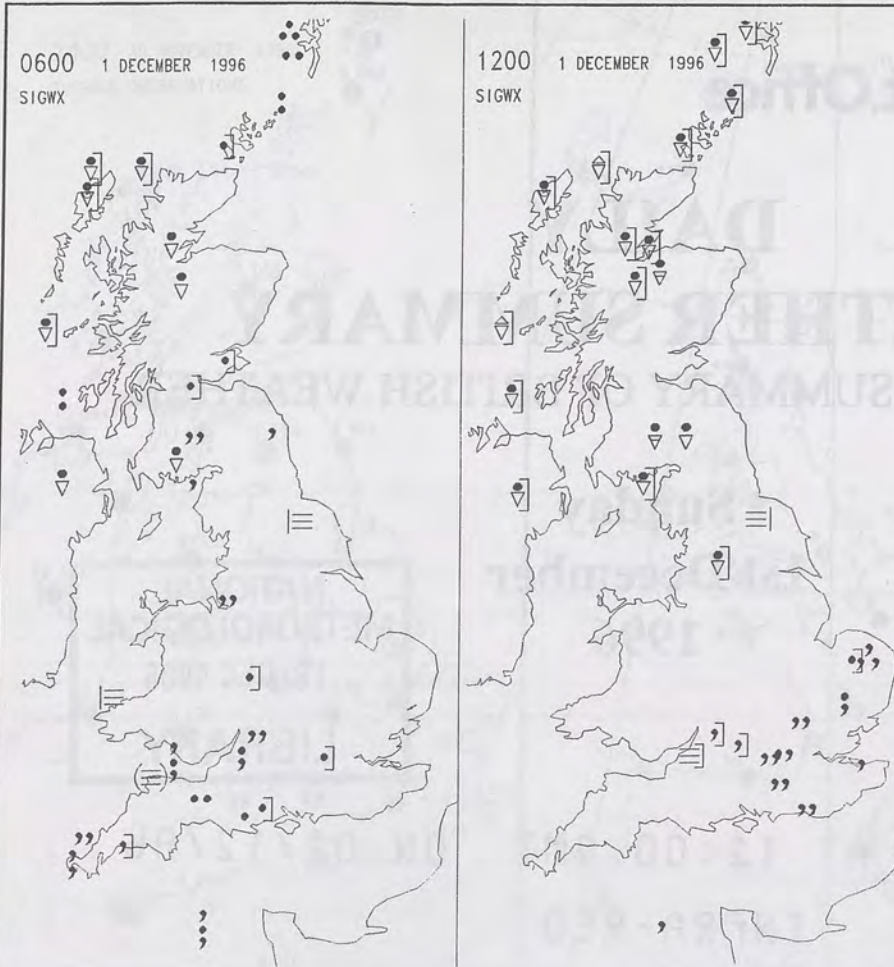
NATIONAL  
METEOROLOGICAL  
16 DEC 1996  
LIBRARY

METEOSAT AT 12:00 GMT ON 01/12/96  
INFRA-RED

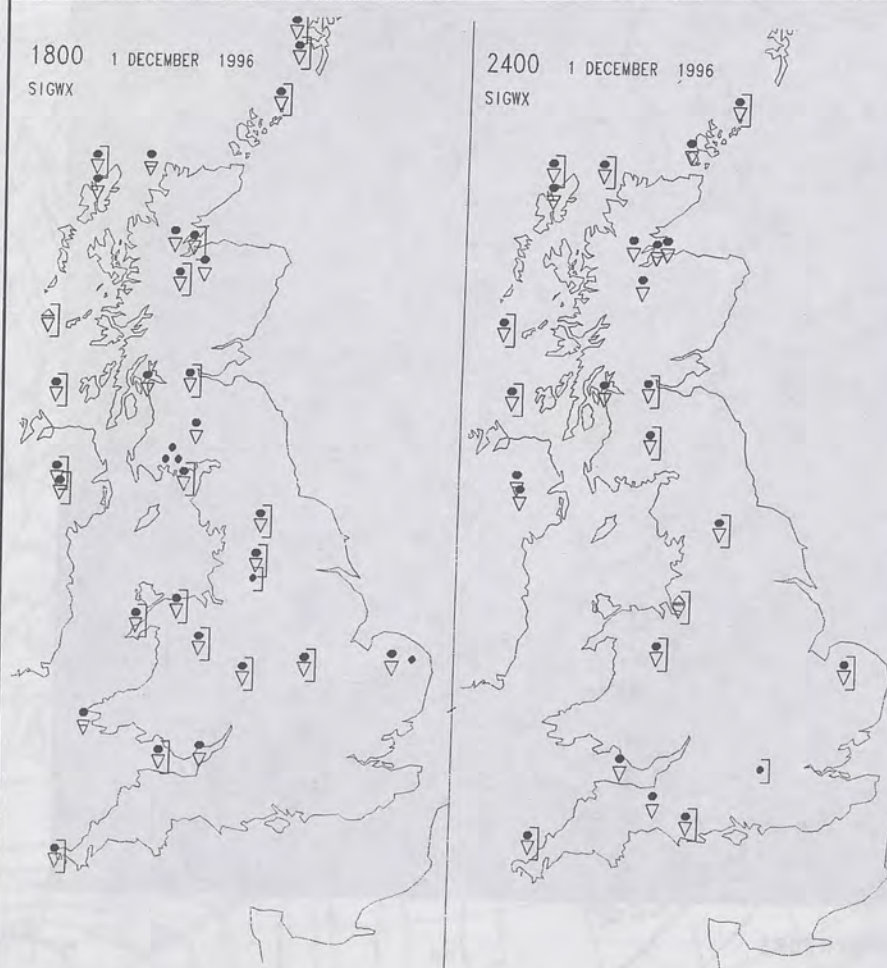


CLOUD-TOP OR LAND/SEA TEMPERATURE  
COLD WARM





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Sunday 1st December 1996

Cloud and outbreaks of rain pushed across much of the country overnight, although not reaching the southeast until morning. By this time more broken cloud and showers were spreading into northwestern Scotland. The showery conditions in the northwest spread to most northern parts during the morning. The showers were mostly in the west with the best bright or sunny breaks in the east. Further south it was more cloudy with outbreaks of rain and drizzle clearing southeastwards. During the afternoon the more broken cloud and showers slowly edged across most southern parts.

The evening saw the showers continue over northern and western parts. Elsewhere, it was largely dry with varying amounts of cloud.

Temperatures were near or a little above normal in the north and mild in many central and southern parts.

## EXTREMES

### SUNDAY 1st DECEMBER 1996

#### Highest Maximum

: 13.2 C Torquay [ Devon ]

#### Lowest Maximum

: 6.0 C Aviemore [ Highland ]

#### Lowest Minimum

: -2.6 C Redesdale [ Northumberland ]

#### Lowest Grass Minimum

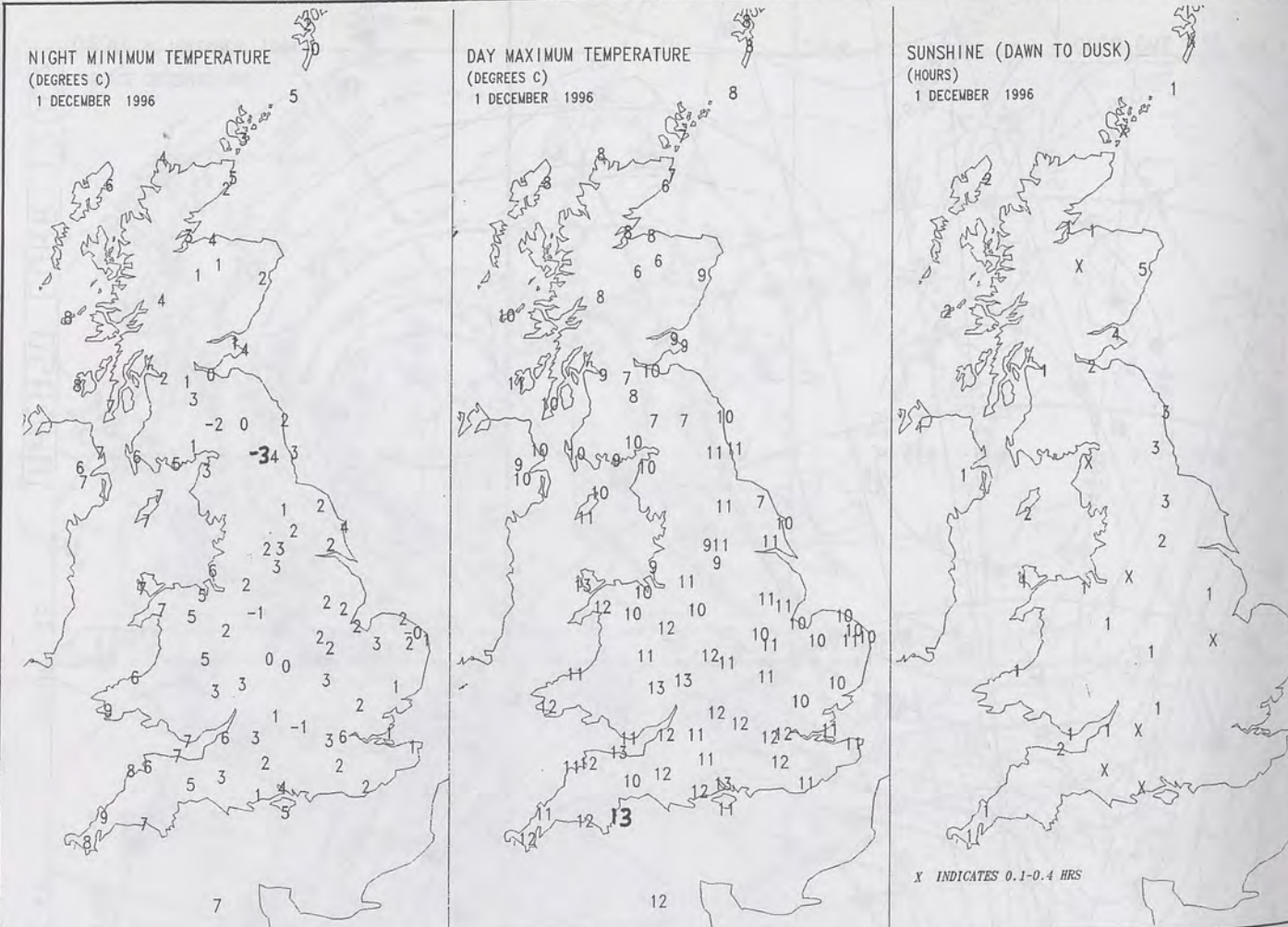
: -4.8 C Eskdalemuir  
[ Dumfries and Galloway ]

#### Most Rain (24 hrs from 0900 GMT)

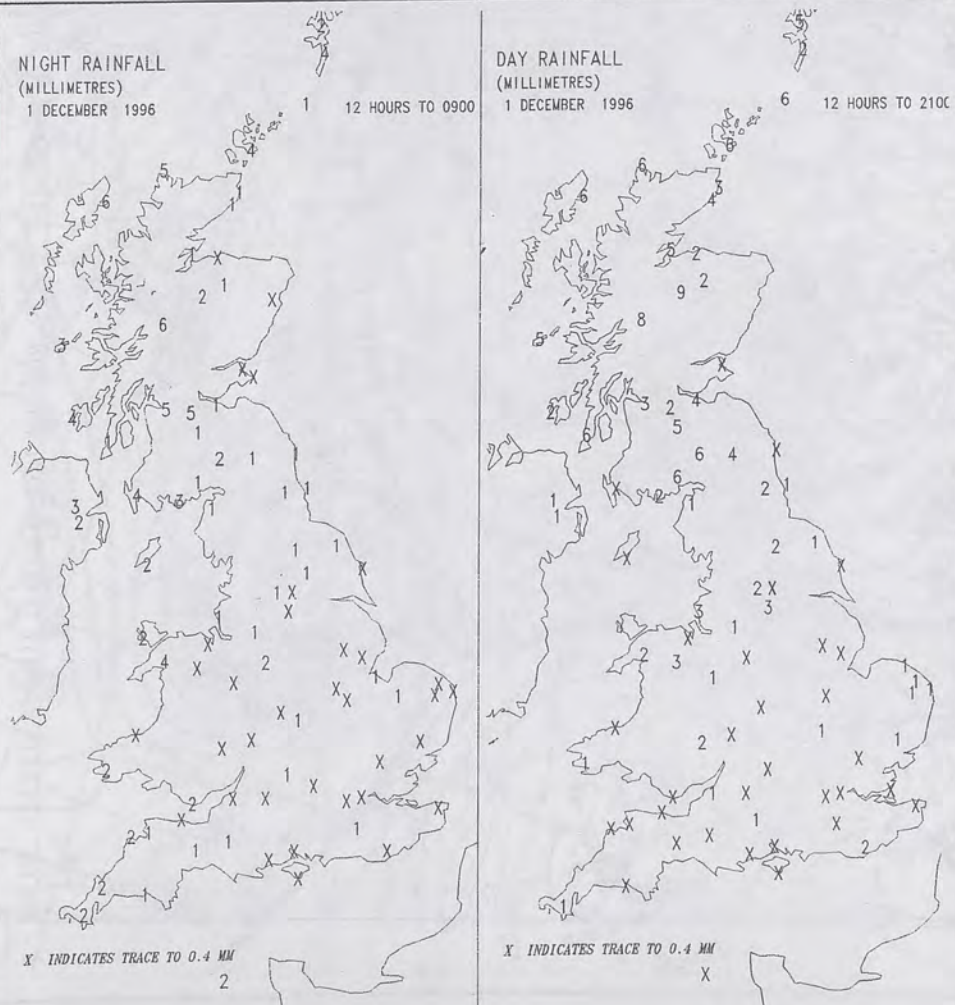
: 19.0mm Kirkwall [ Orkney ]

#### Most Sunshine

: 4.7 hrs Aberdeen Airport [ Grampian ]



## DAILY CLIMATE DATA



## DAILY WEATHER SUMMARY



For details of other Weather Summaries produced by the Met. Office please contact:

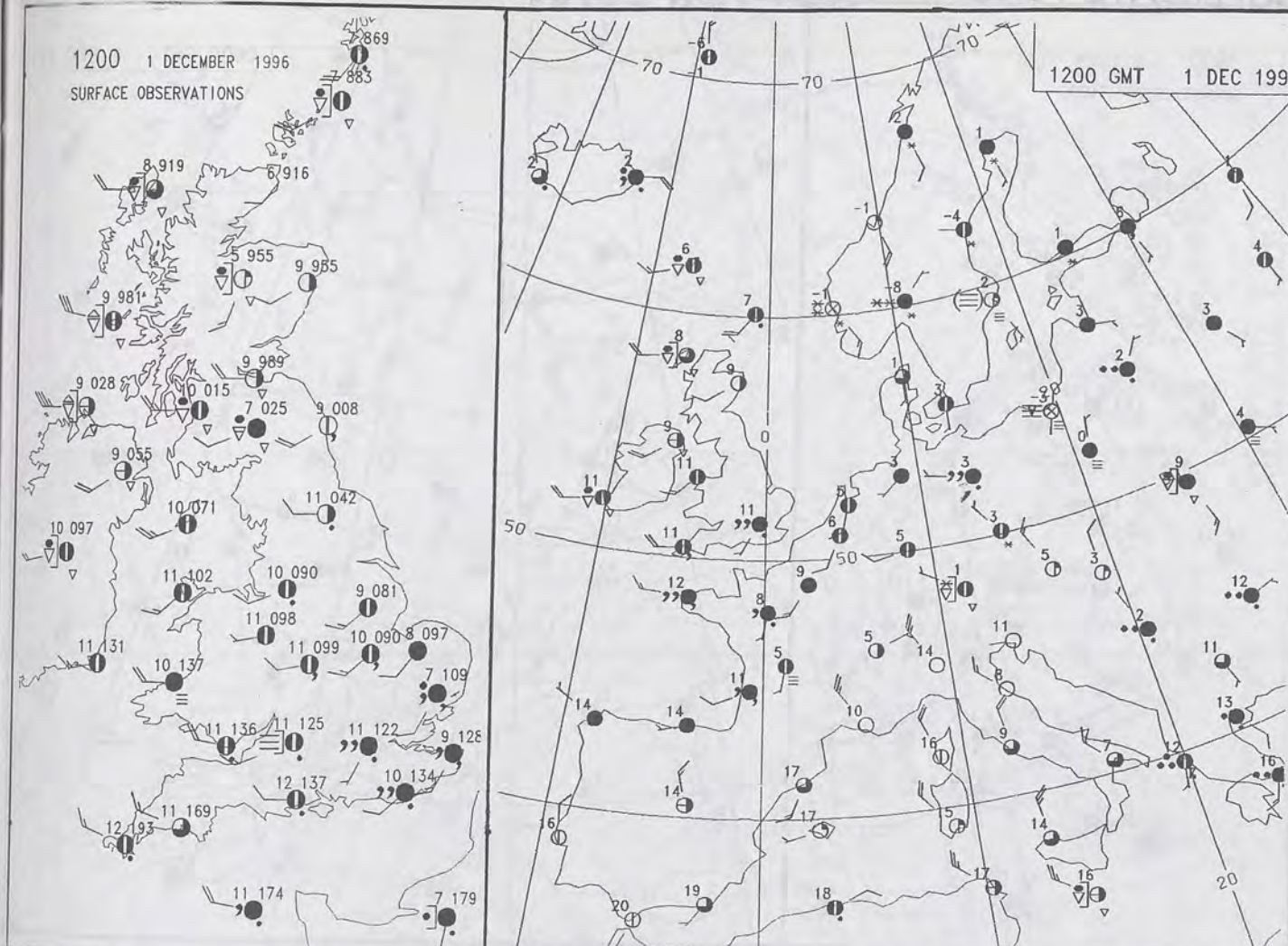
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314

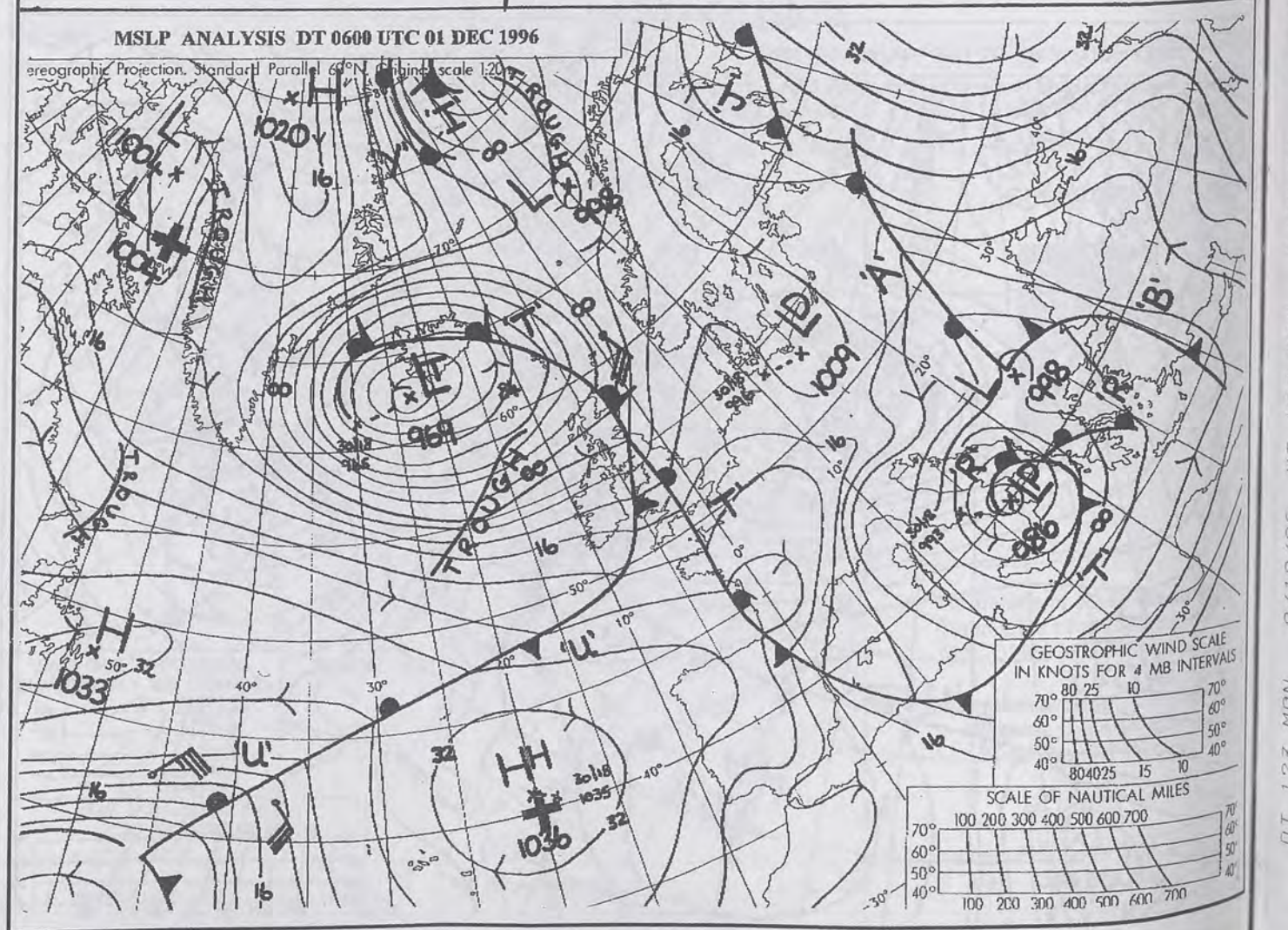
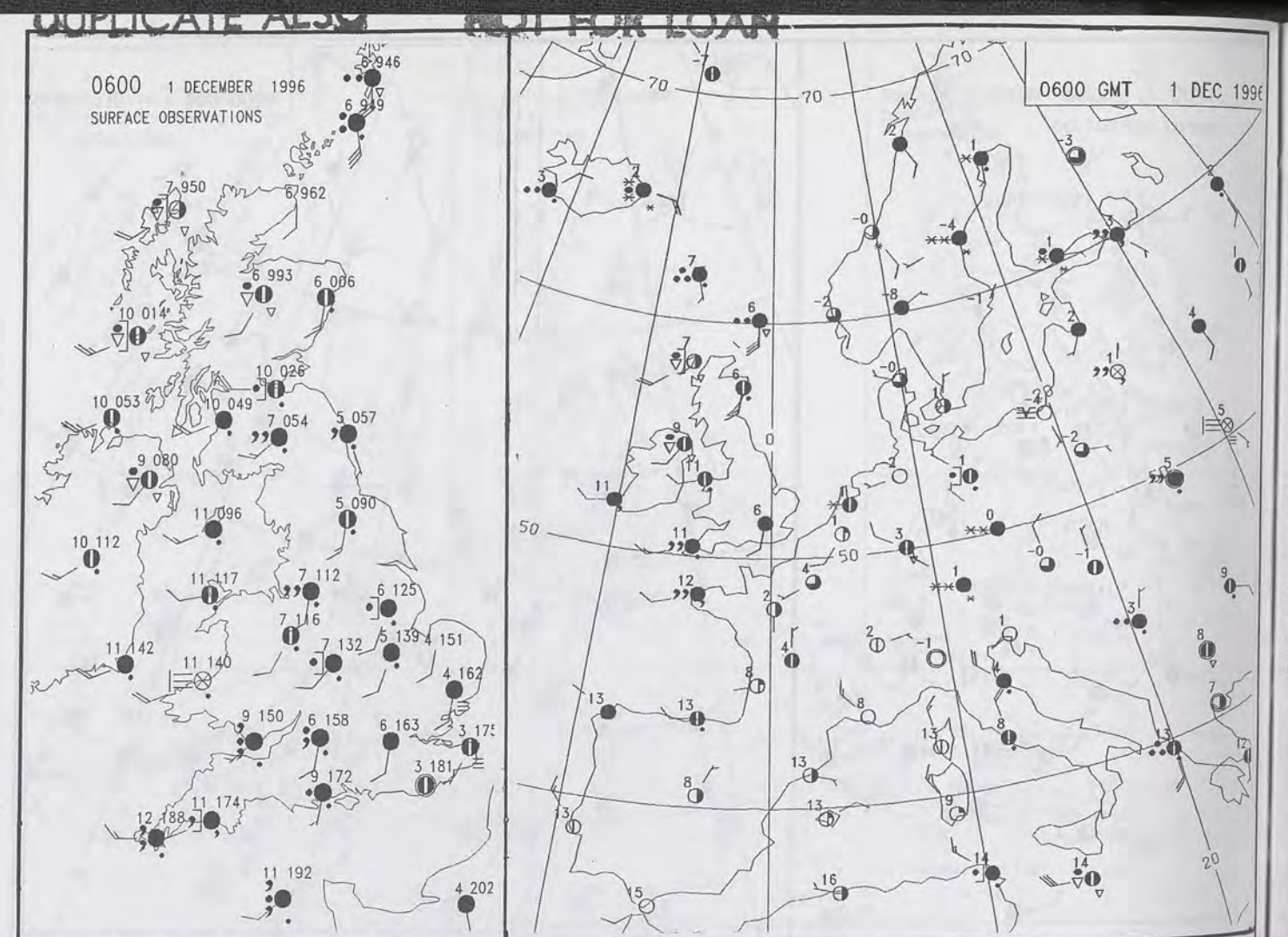
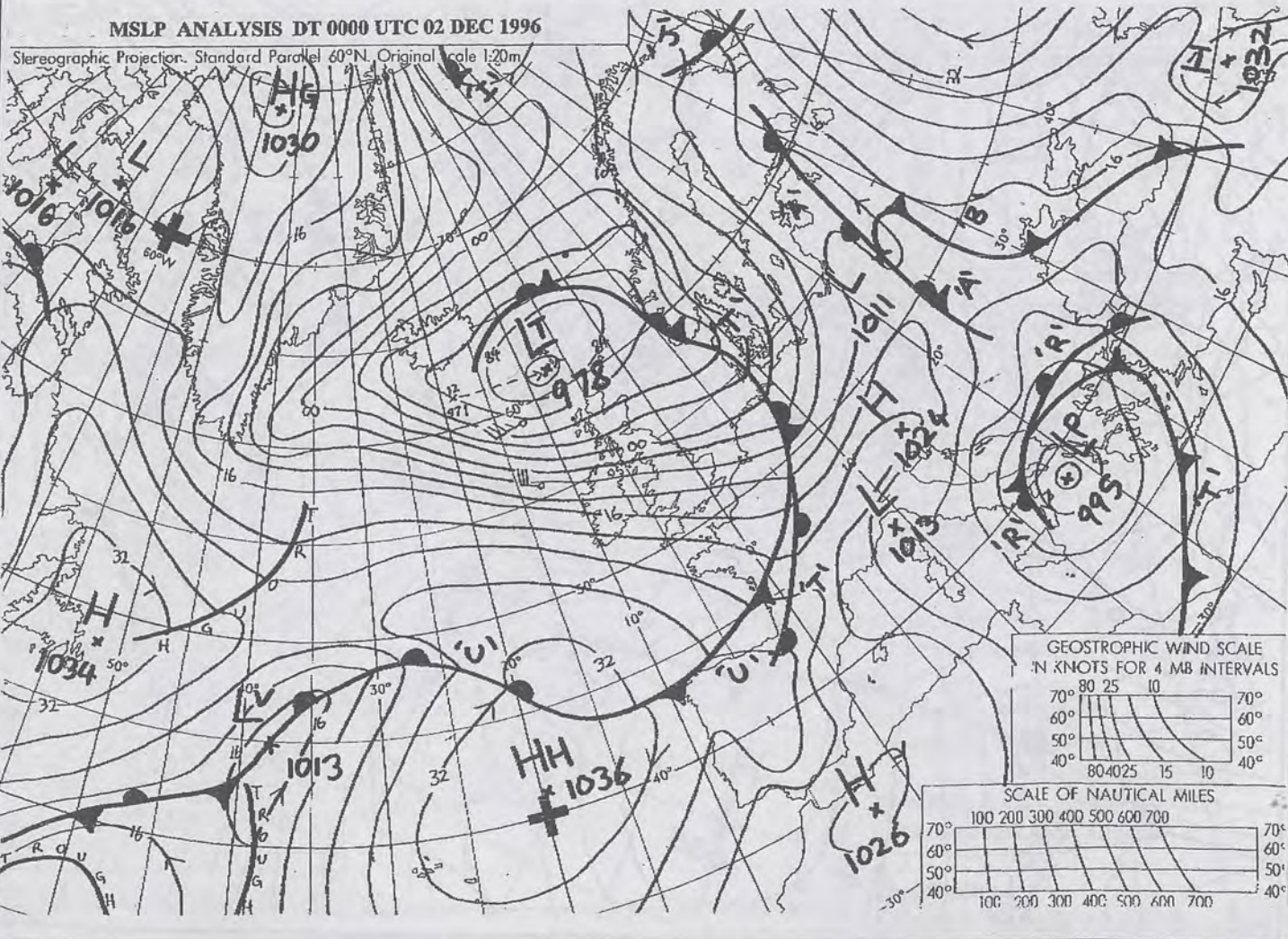
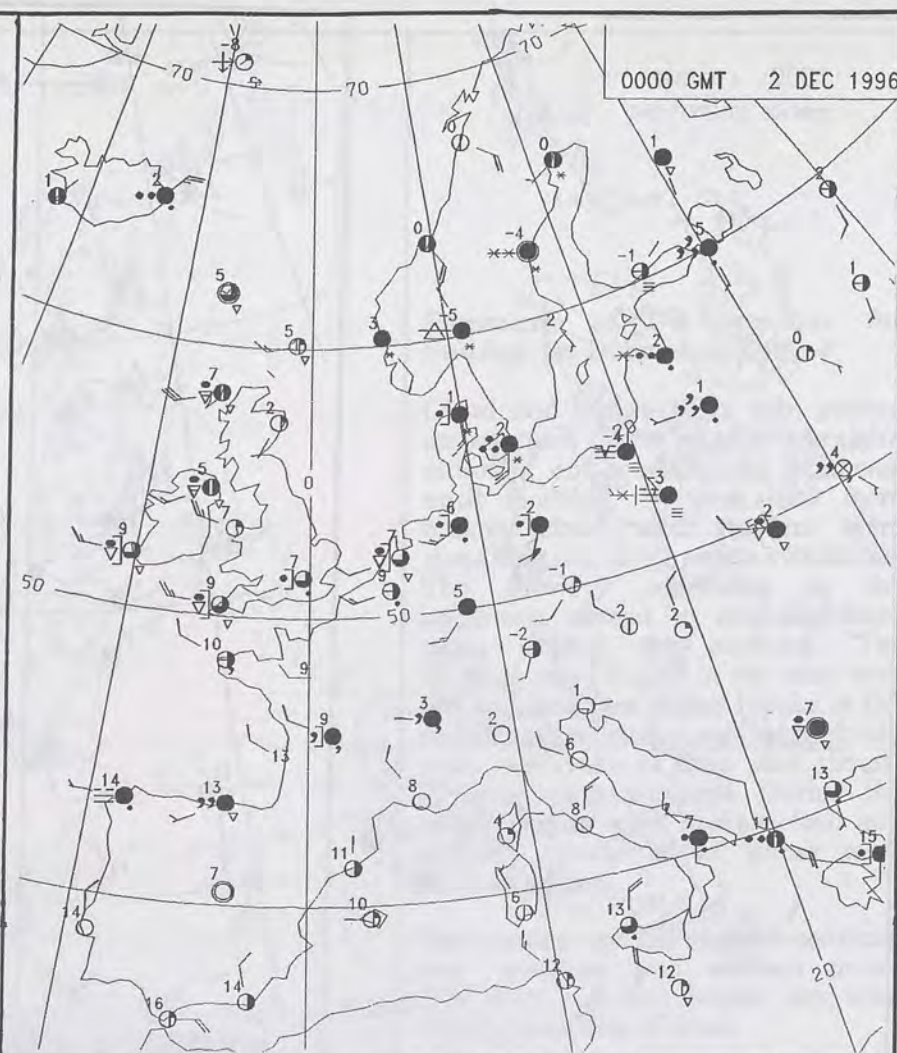
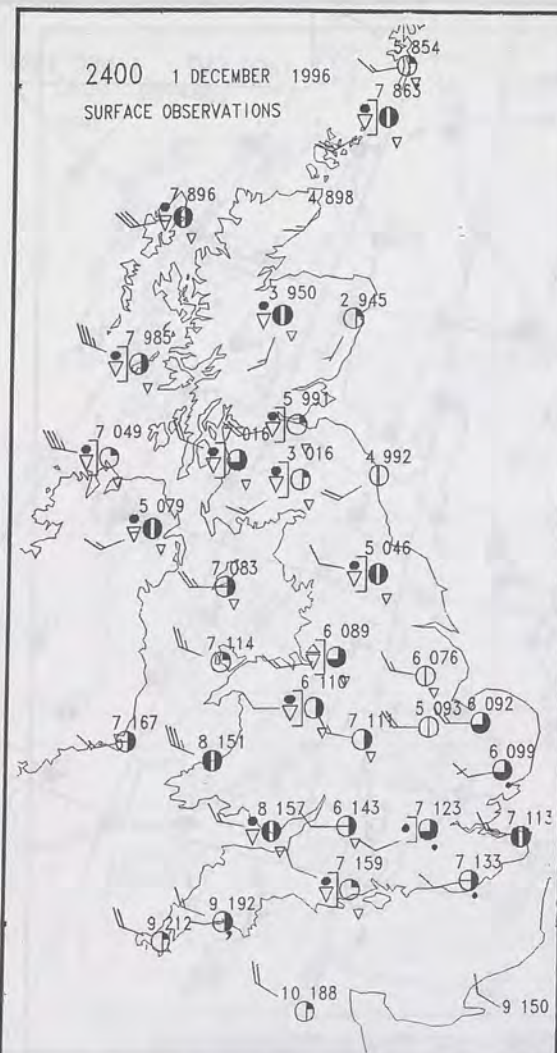


1200 1 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 1 DEC 1996

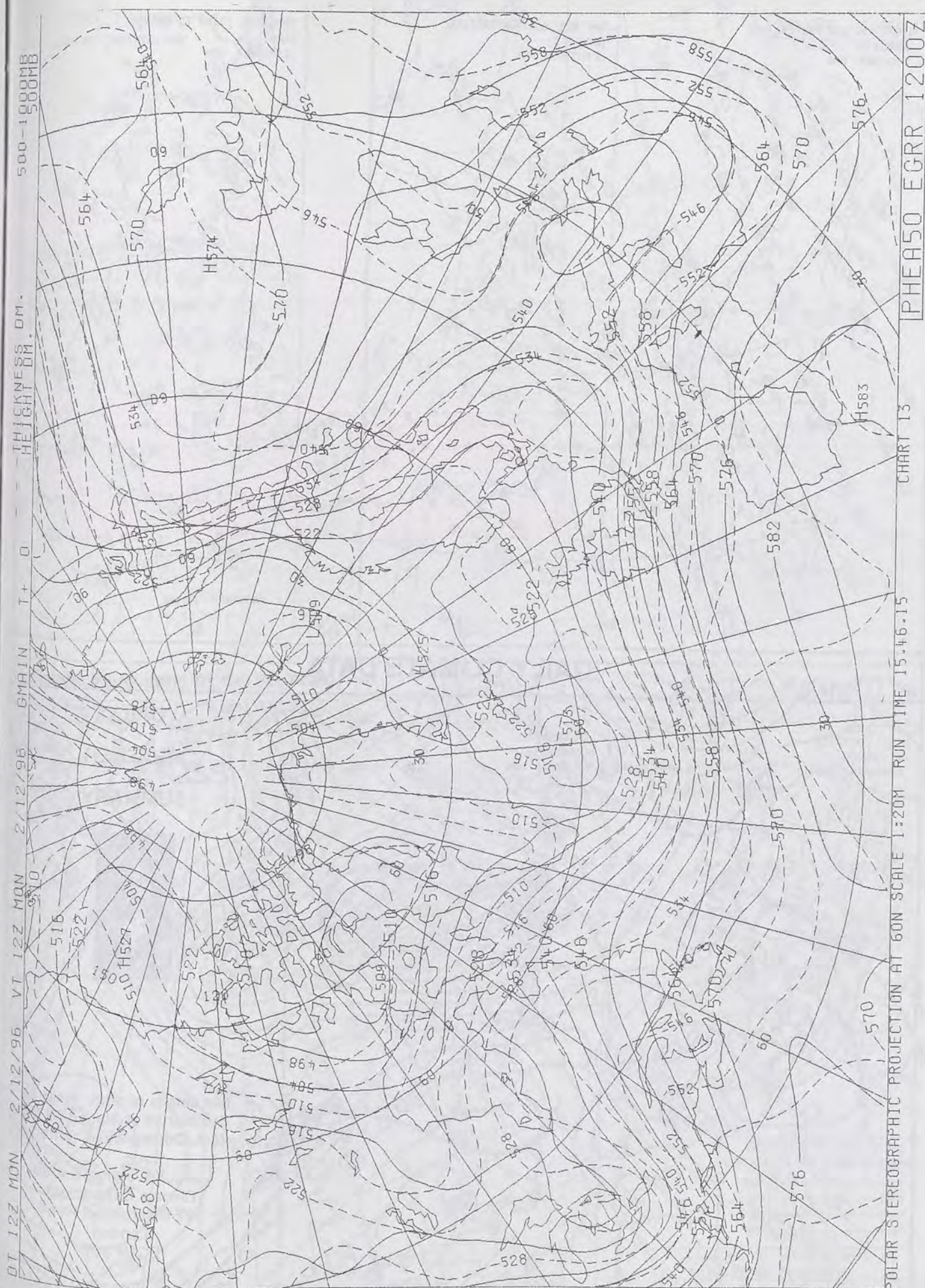








DT 12Z MON 2/12/96 VT 12Z MON 2/12/96  
 ID SCALE INTERVALS  
 70° 60° 50° 40°  
 ES  
 70° 60° 50° 40°



The Met.Office

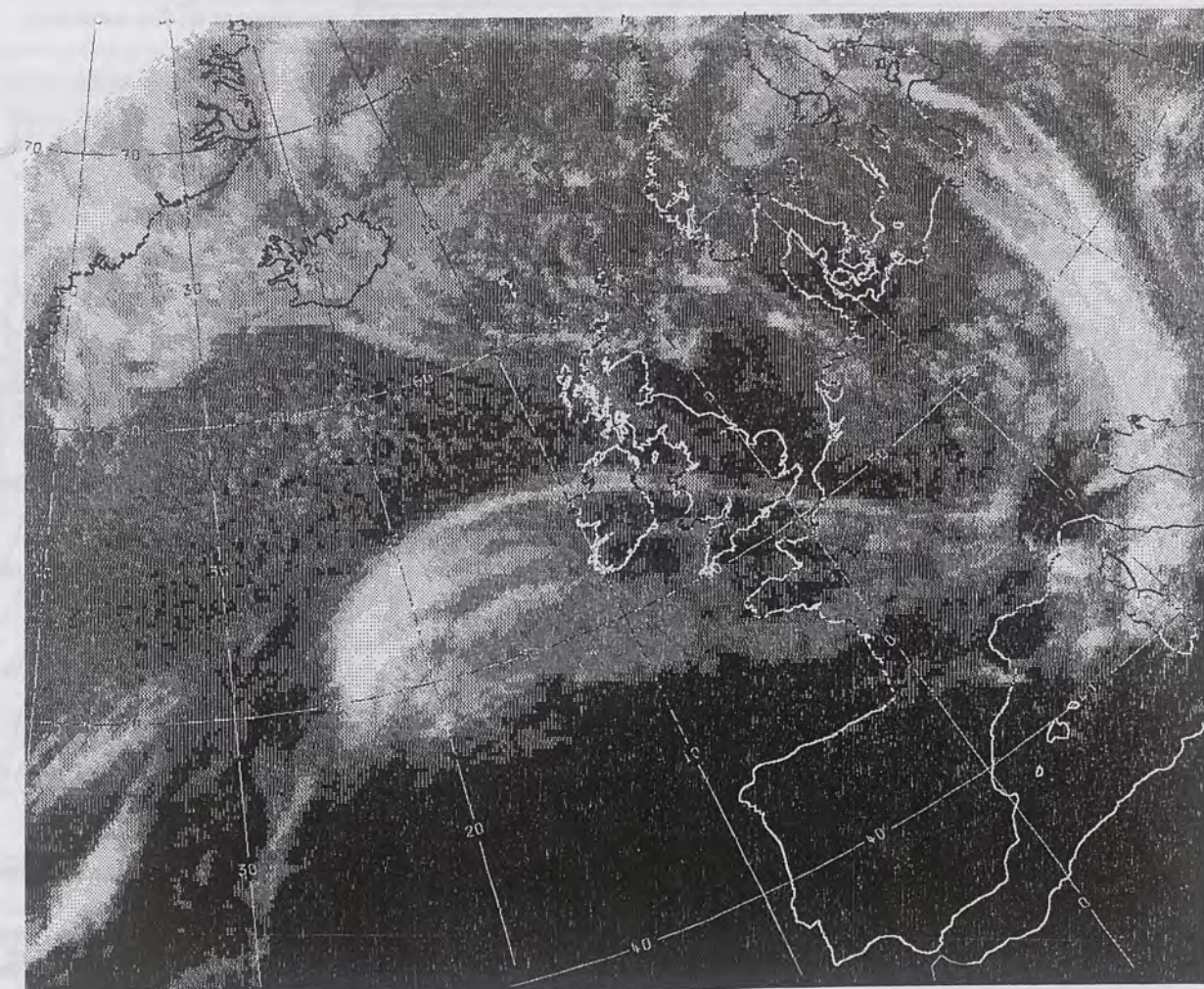
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Monday  
2nd December  
1996

NATIONAL  
METEOROLOGICAL  
16 DEC 1996  
LIBRARY

METEOSAT AT 12:00 GMT ON 02/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE  
 COLD WARM



0600 2 DECEMBER 1996  
SIGWX



1200 2 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 2 DECEMBER 1996  
SIGWX



2400 2 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Monday 2nd December 1996

It was a relatively mild night, but a windy and rather showery one, especially in the west and north.

Most places had a bright or sunny day, with just a few more showers, mainly in the west. However, northern Scotland was mostly cloudy with frequent showers, giving some snow over the mountains. It was breezy in the south and very windy in the north, with a number of gusts of close to 70 mph in western Scotland.

Temperatures were above normal everywhere, with the southwest being particularly mild.

Thick cloud and rain spread to the southwest in the evening.

## EXTREMES

### MONDAY 2nd DECEMBER 1996

#### Highest Maximum

: 12.6 C Guernsey / L'Ancrese

#### Lowest Maximum

: 4.2 C Spadeadam [ Cumbria ]

#### Lowest Minimum

: 0.7 C Spadeadam

#### Lowest Grass Minimum

: -2.1 C Aboyne [ Grampian ]

#### Most Rain (24 hrs from 0900 GMT)

: 31.9mm Nantmor [ Gwynedd ]

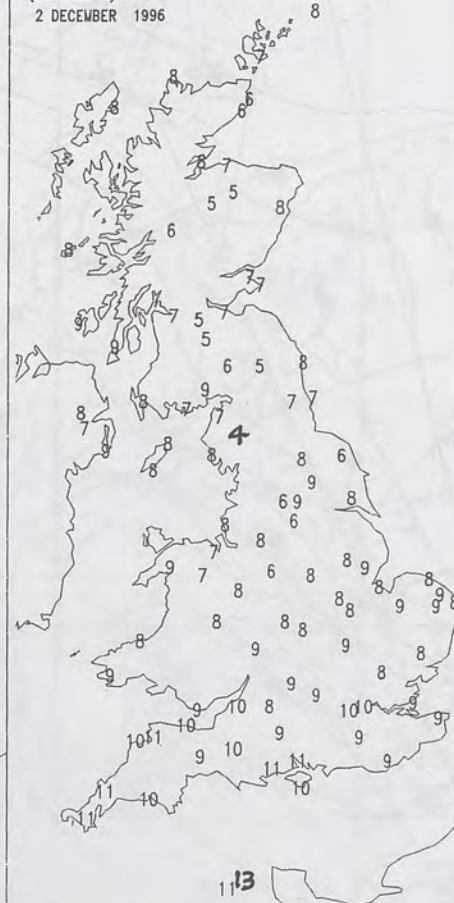
#### Most Sunshine

: 6.5 hrs Hemsby [ Norfolk ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
2 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
2 DECEMBER 1996

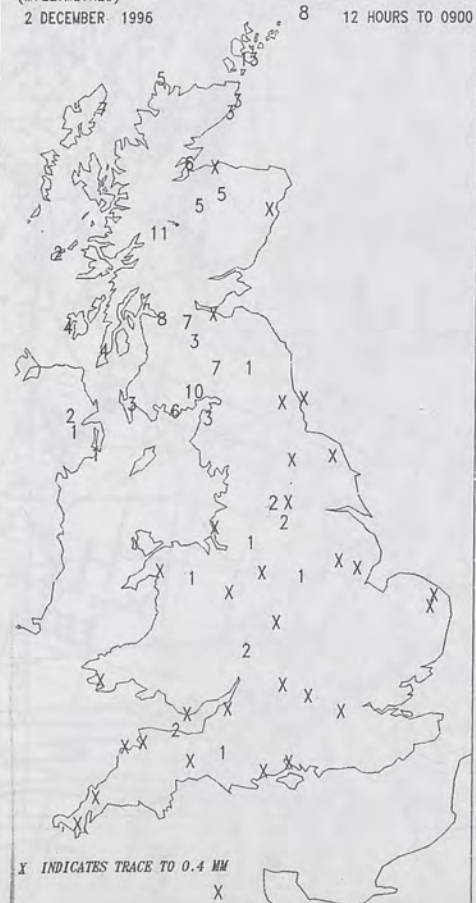


SUNSHINE (DAWN TO DUSK)  
(HOURS)  
2 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
2 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
2 DECEMBER 1996



## DAILY WEATHER SUMMARY



For details of other Weather Summaries produced by the Met. Office please contact:

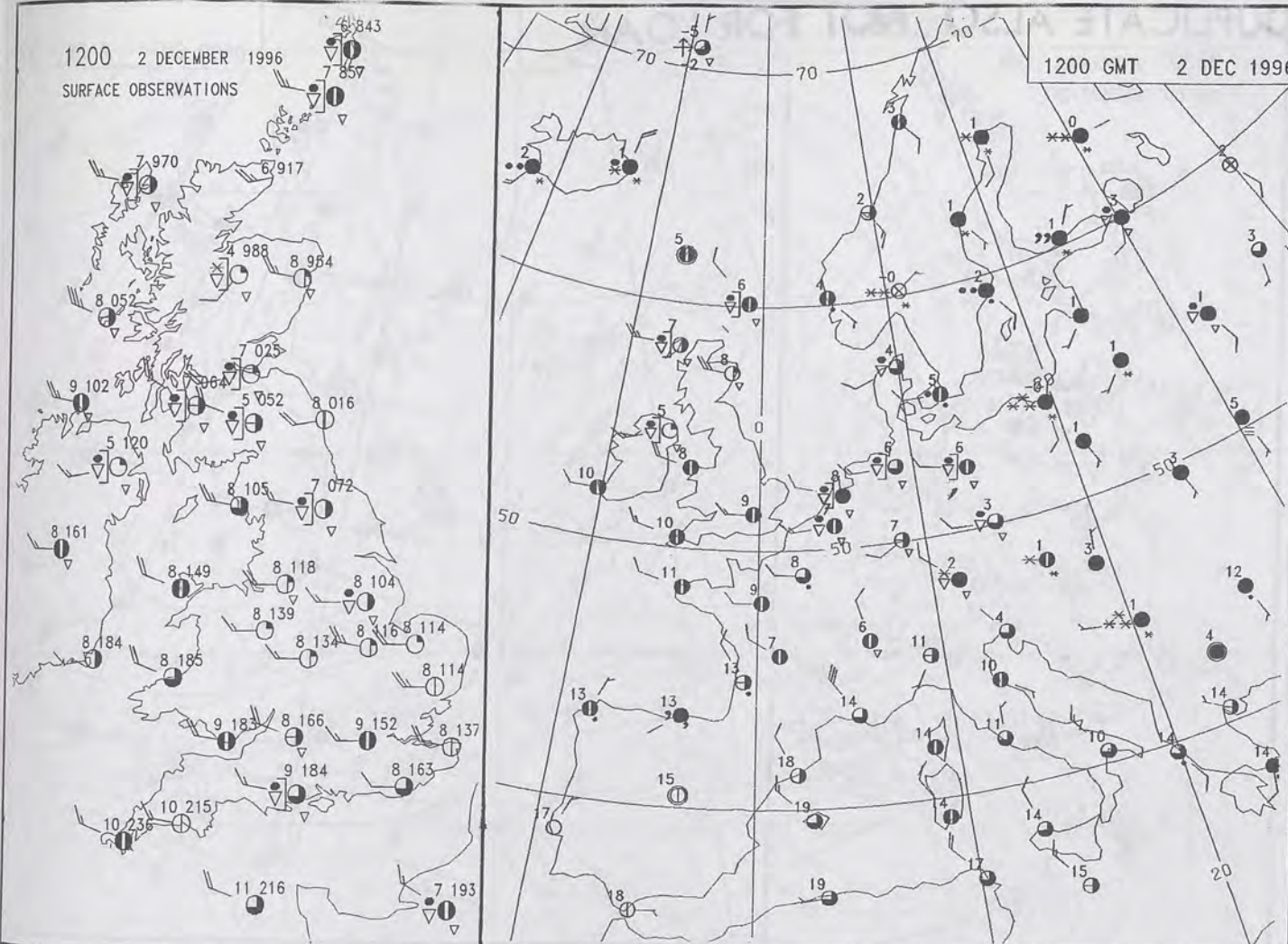
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



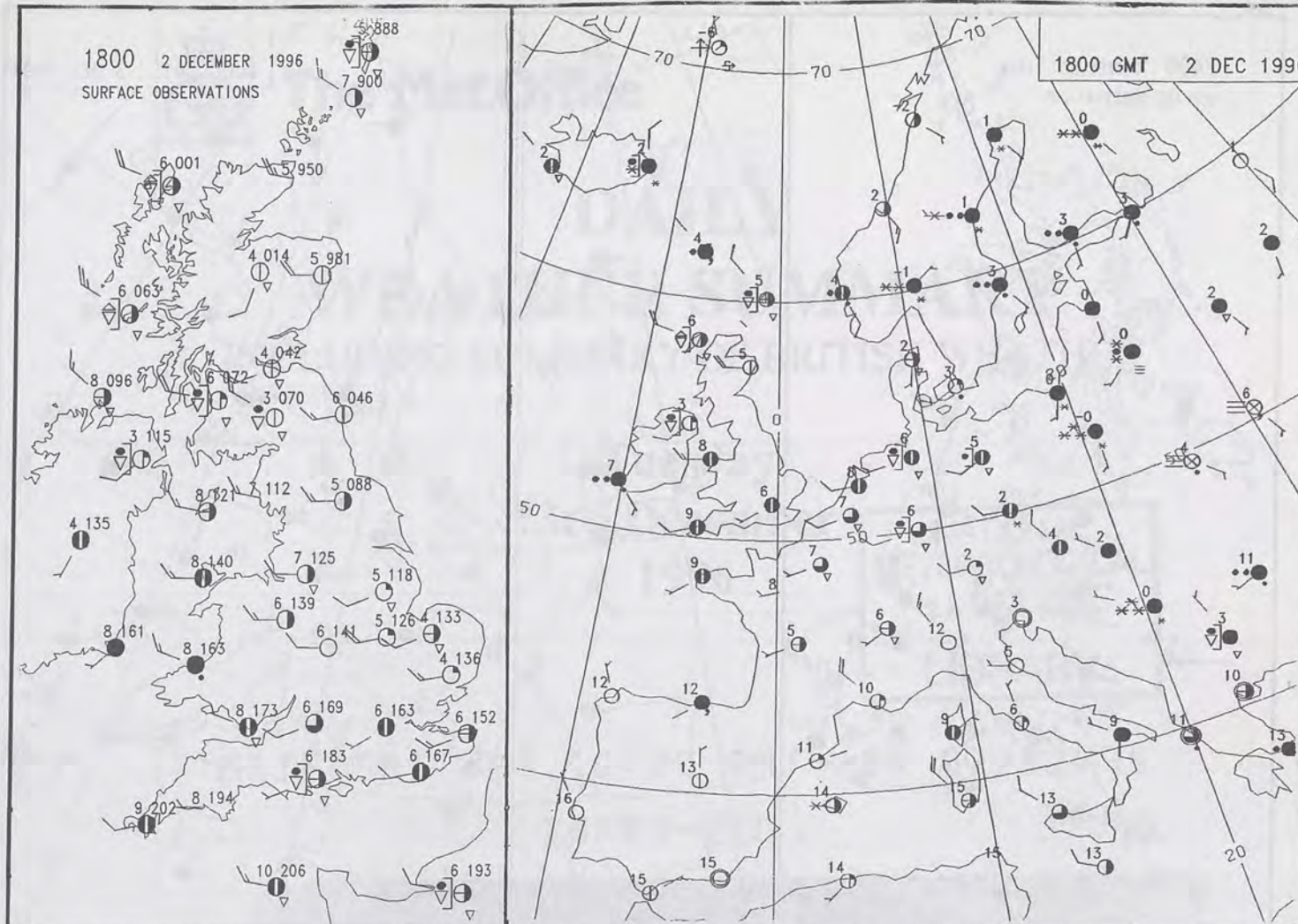
1200 2 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 2 DEC 1996



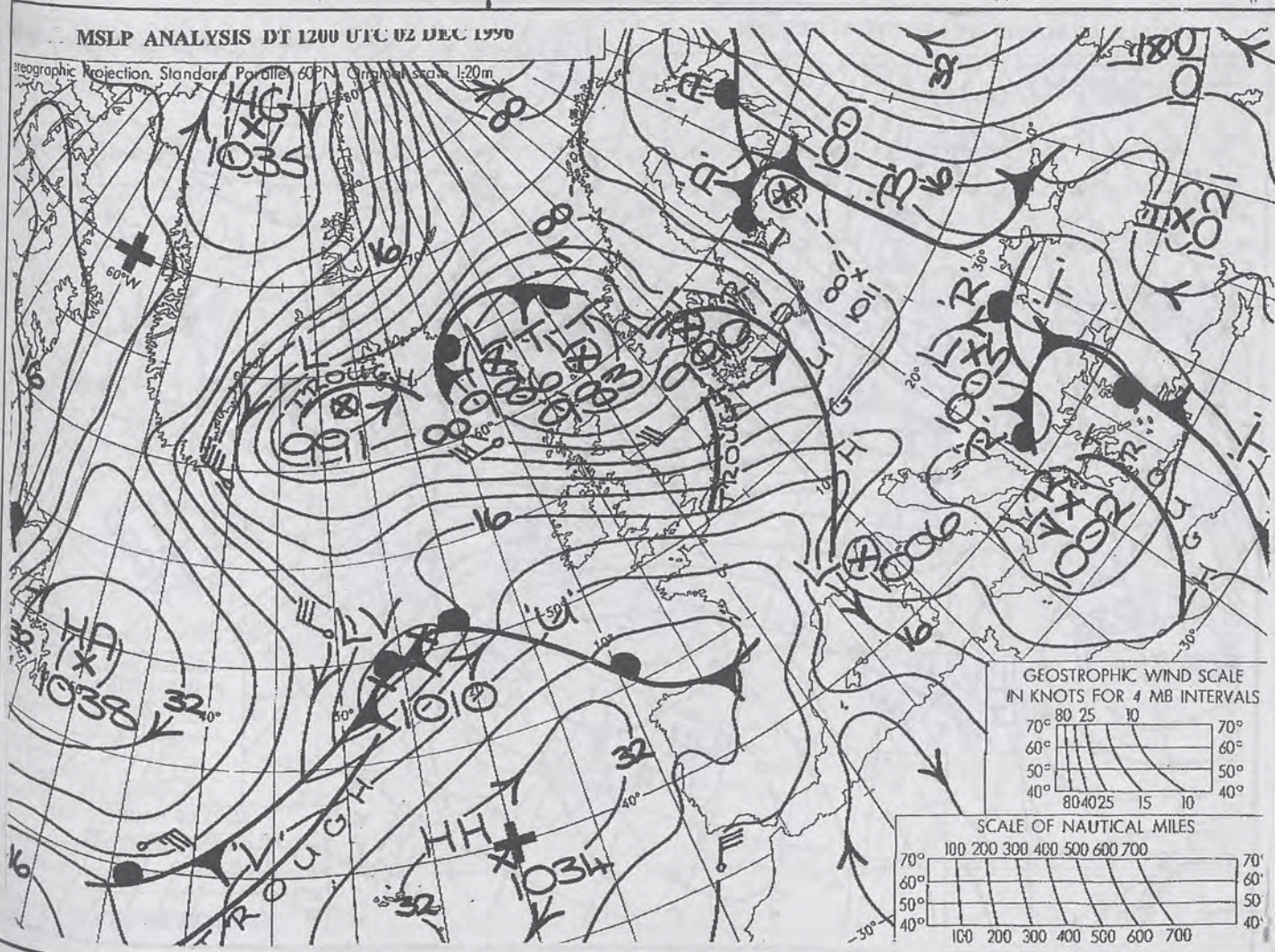
1800 2 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 2 DEC 1996



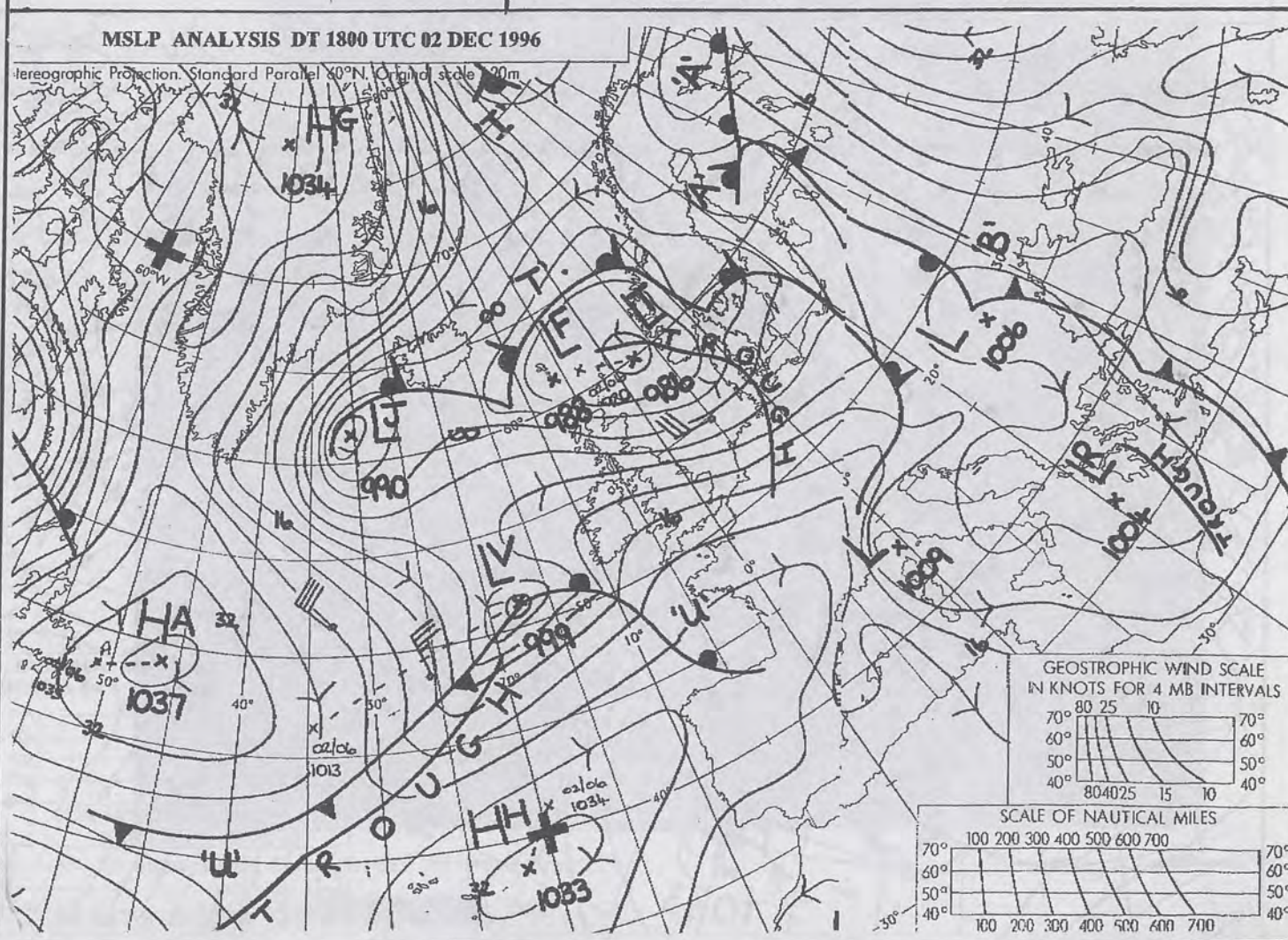
MSLP ANALYSIS DT 1200 UTC 02 DEC 1996

stereographic Projection, Standard Parallel 60°N, Original scale 1:20m



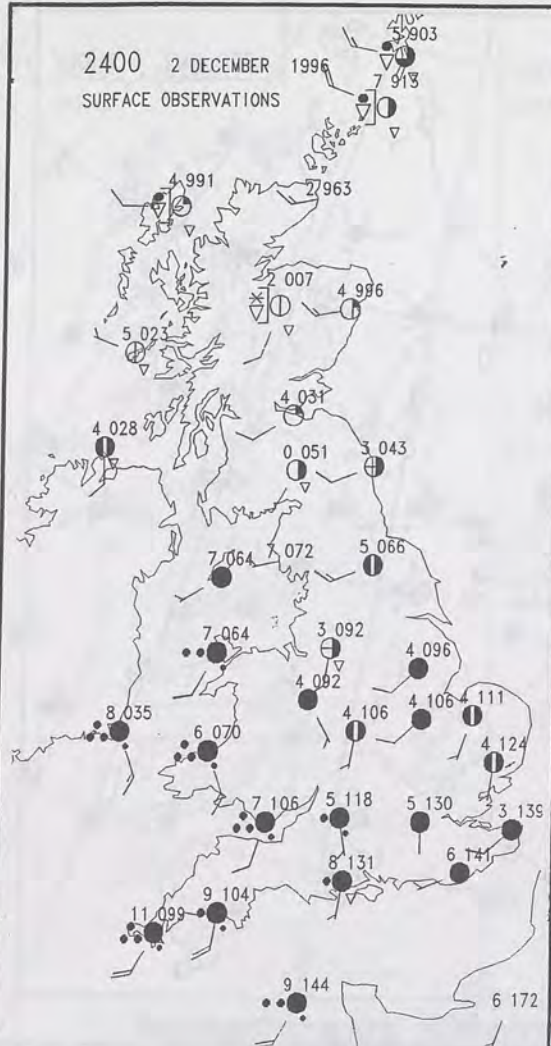
MSLP ANALYSIS DT 1800 UTC 02 DEC 1996

stereographic Projection, Standard Parallel 60°N, Original scale 1:20m

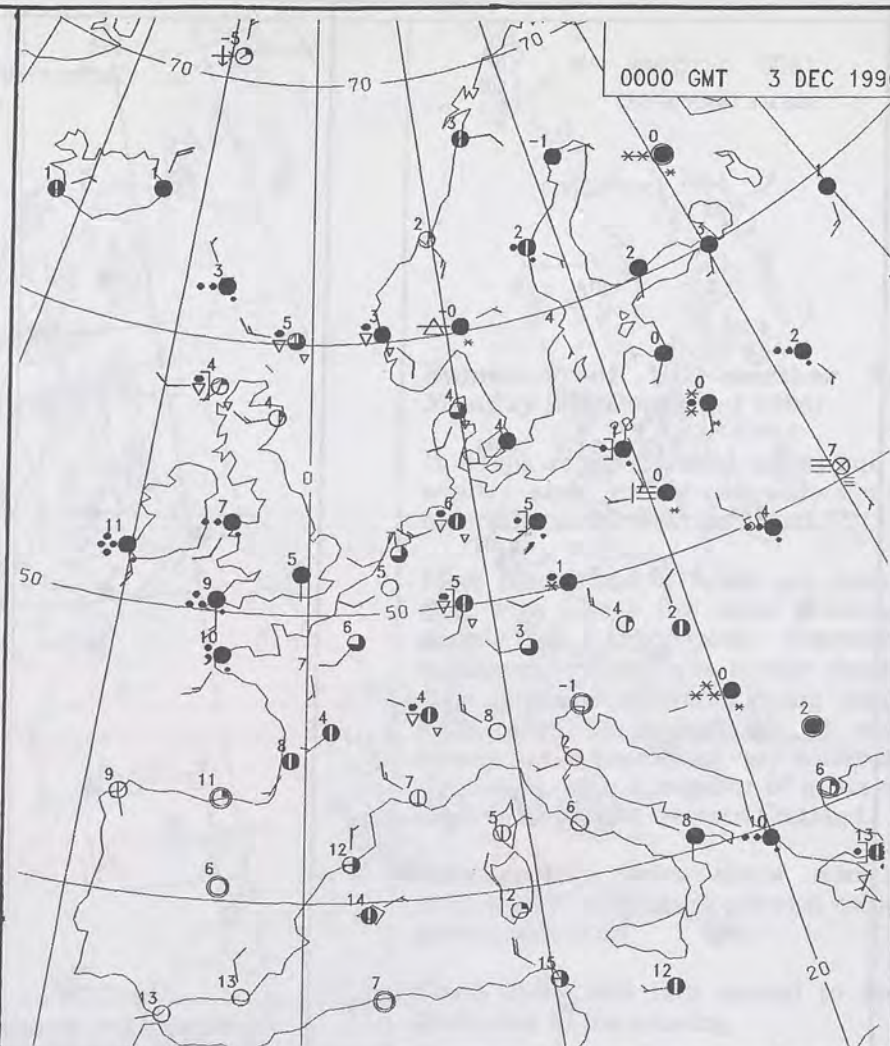




2400 2 DECEMBER 1996  
SURFACE OBSERVATIONS

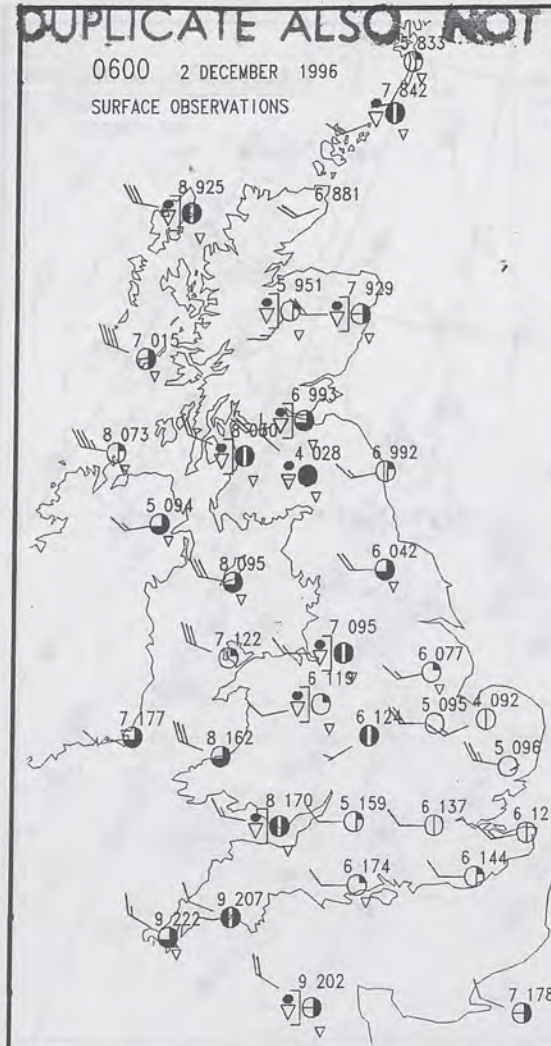


0000 GMT 3 DEC 1996

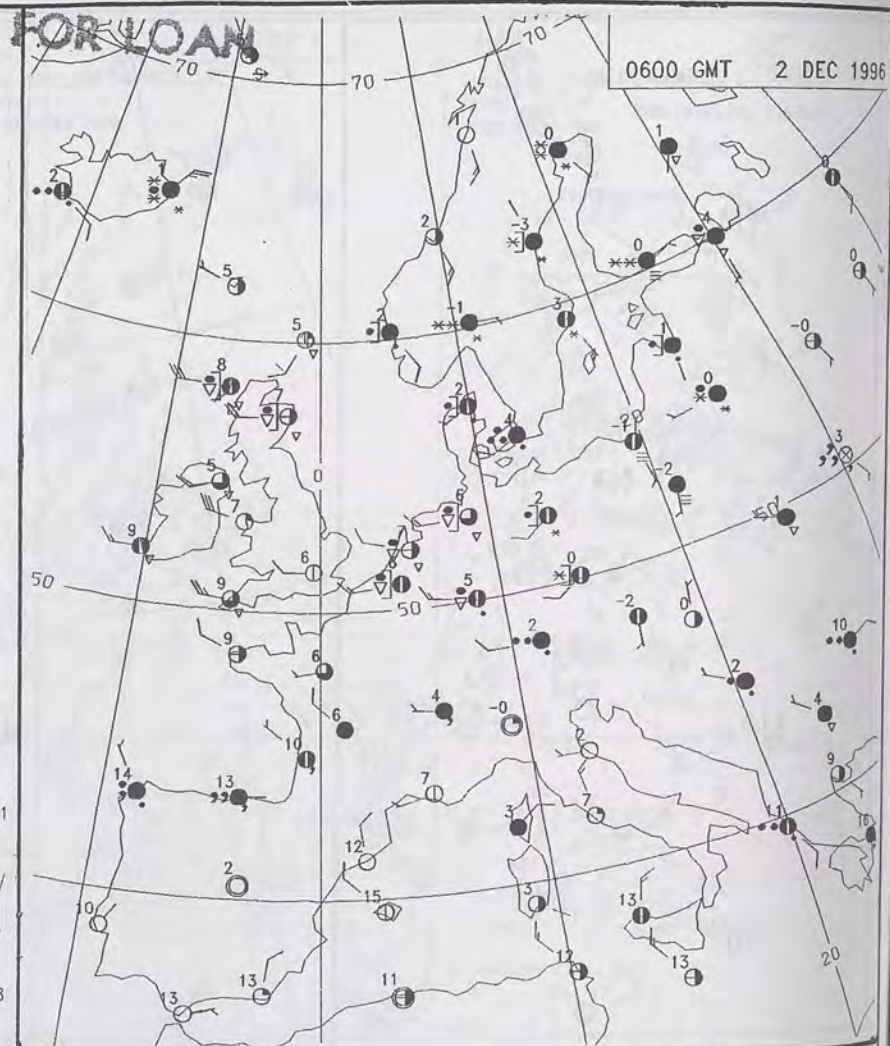


DUPLICATE ALSO NOT FOR LOAN

0600 2 DECEMBER 1996  
SURFACE OBSERVATIONS

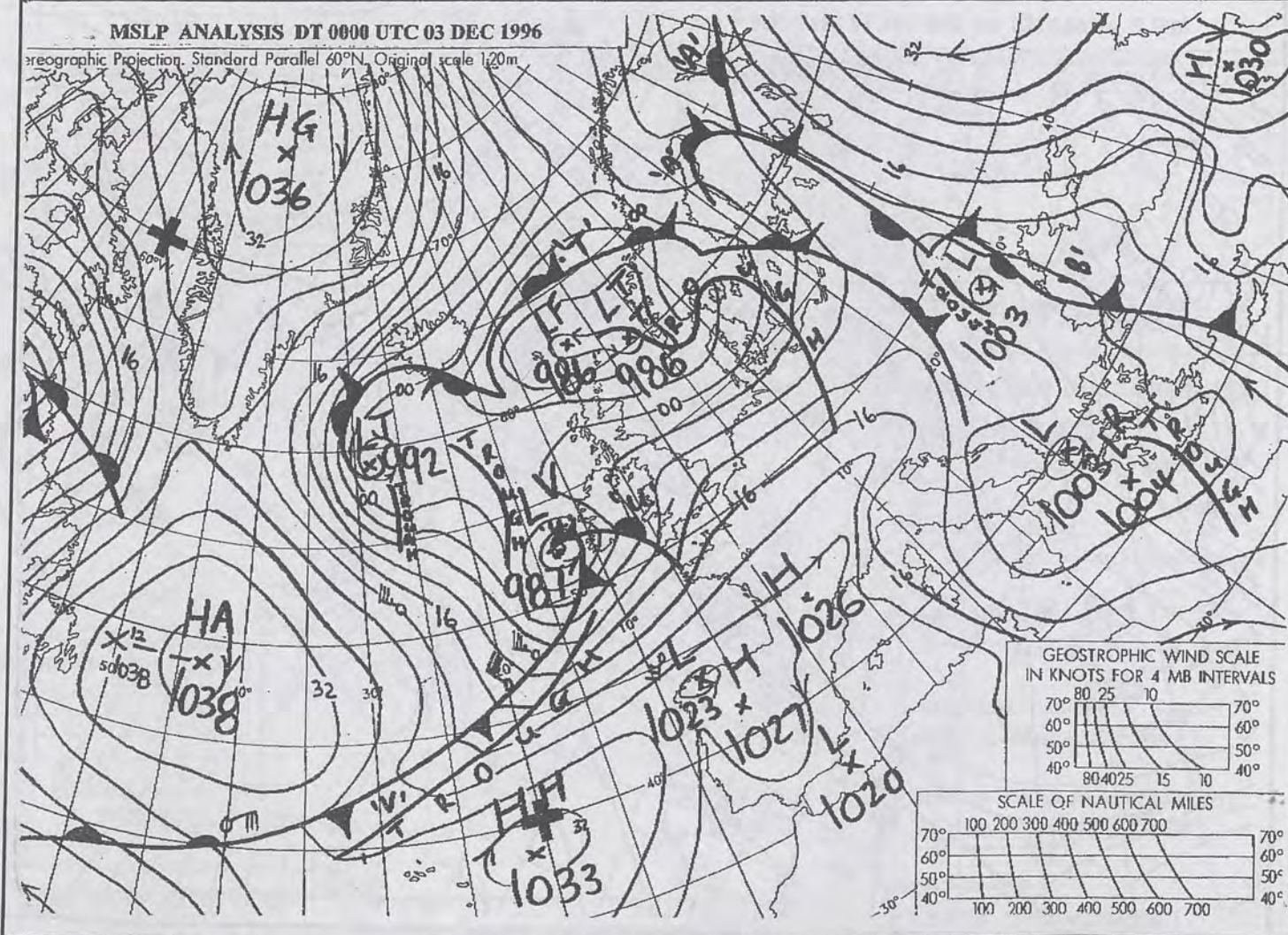


0600 GMT 2 DEC 1996



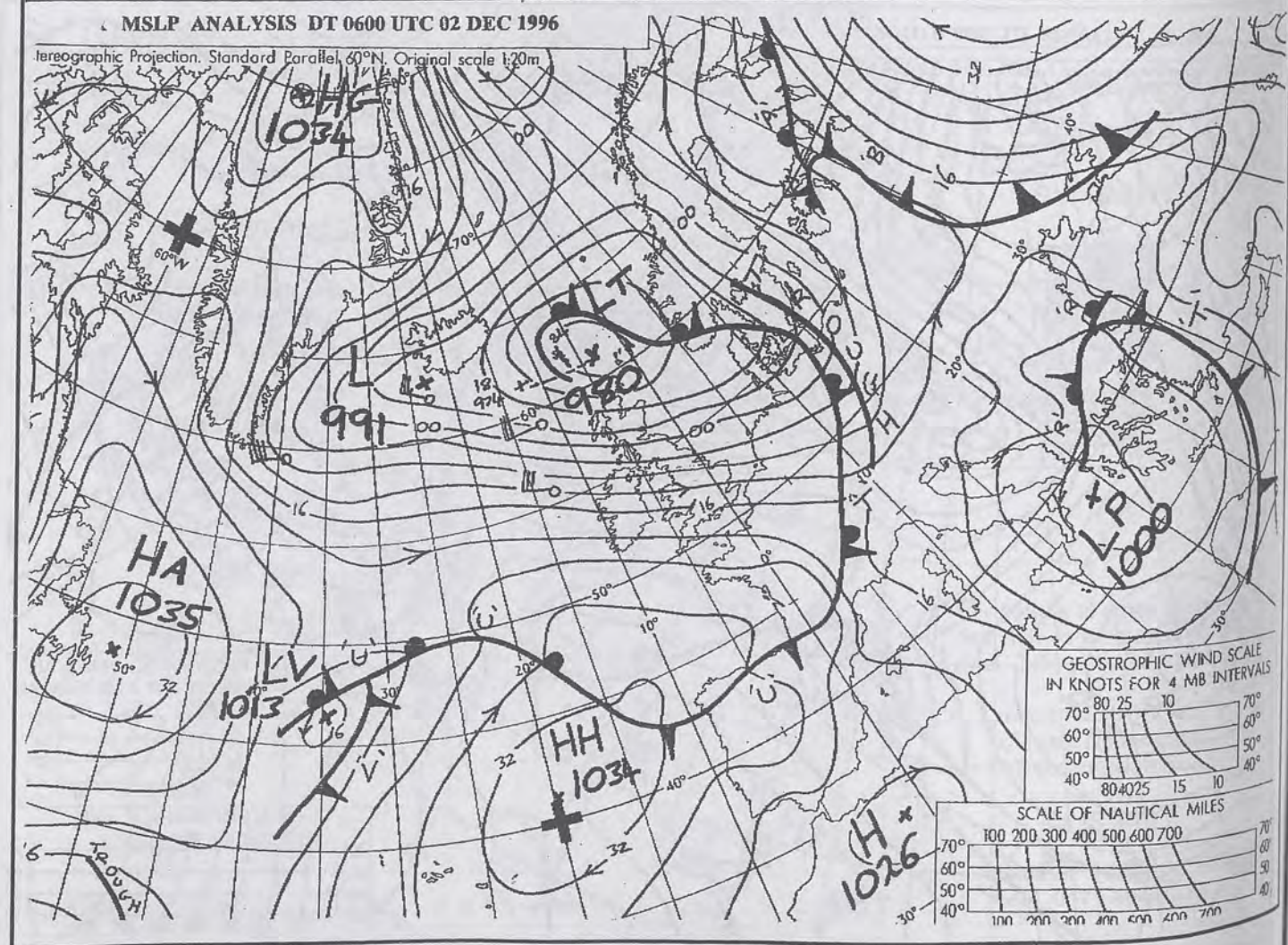
MSLP ANALYSIS DT 0000 UTC 03 DEC 1996

tereographic Projection. Standard Parallel 60°N. Original scale 1:20m



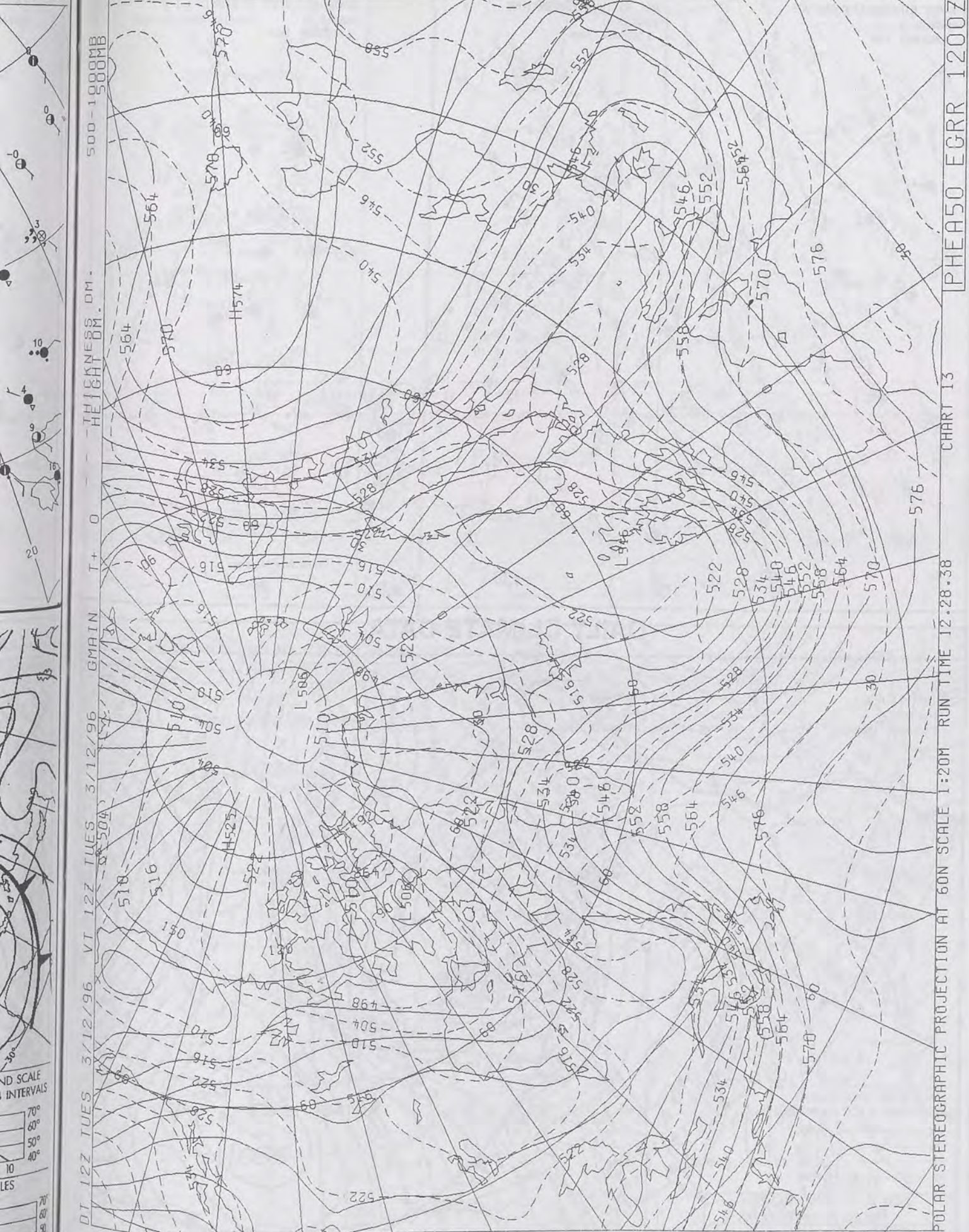
MSLP ANALYSIS DT 0600 UTC 02 DEC 1996

tereographic Projection. Standard Parallel 60°N. Original scale 1:20m



DI 122 TUES 3/12/96 VT 12Z TUES 3/12/96 GMAIN T+0 HEIGHT 88.0M 500-198MB







0600 3 DECEMBER 1996  
SIGWX



1200 3 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 3 DECEMBER 1996  
SIGWX



2400 3 DECEMBER 1996  
SIGWX



## Summary of UK weather for Tuesday 3rd December 1996

The night became wet over much of the country as periods of rain, heavy in places, spread from the southwest. By morning, the rain had reached Wales, Northern Ireland, England, apart from northeast, and southwest Scotland. Over hills in the north there was some sleet or wet snow. To the north of the rain area, there were clear intervals and scattered wintry showers.

During the day, drier, but still mostly cloudy, weather moved northeastwards across Wales and England, except for the far north, which stayed rainy. A few showers developed, especially in the west. Northern Ireland, and southern and central Scotland, had outbreaks of rain, sleet and snow, although most of the snow was confined to hilly areas. Northern Scotland stayed fairly bright with weak sunshine and a few wintry showers. Further precipitation affected many places during the evening.

It was a very mild, or even exceptionally mild, day over much of England and Wales, but Scotland, northern England and northern Ireland were generally rather cold or cold.

## EXTREMES

### TUESDAY 3rd DECEMBER 1996

#### Highest Maximum

: 13.2 C Guernsey / L'Ancresse  
Heathrow Airport

#### Lowest Maximum

: 1.0 C Saughall [ Strathclyde ]

#### Lowest Minimum

: -3.5 C Loch Glascarnoch [ Highland ]

#### Lowest Grass Minimum

: -6.4 C Loch Glascarnoch

#### Most Rain (24 hrs from 0900 GMT)

: 44.6mm Eskdalemuir  
[ Dumfries and Galloway ]

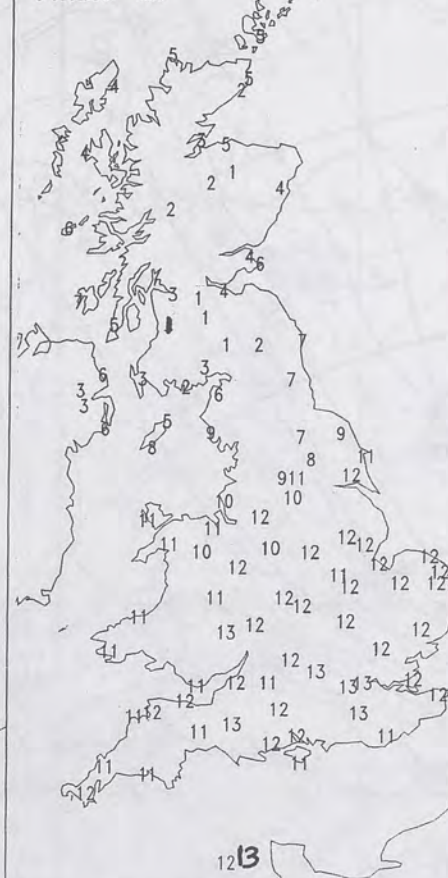
#### Most Sunshine

: 4.5 hrs Stornoway [ Outer Hebrides ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
3 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
3 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
3 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
3 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
3 DECEMBER 1996



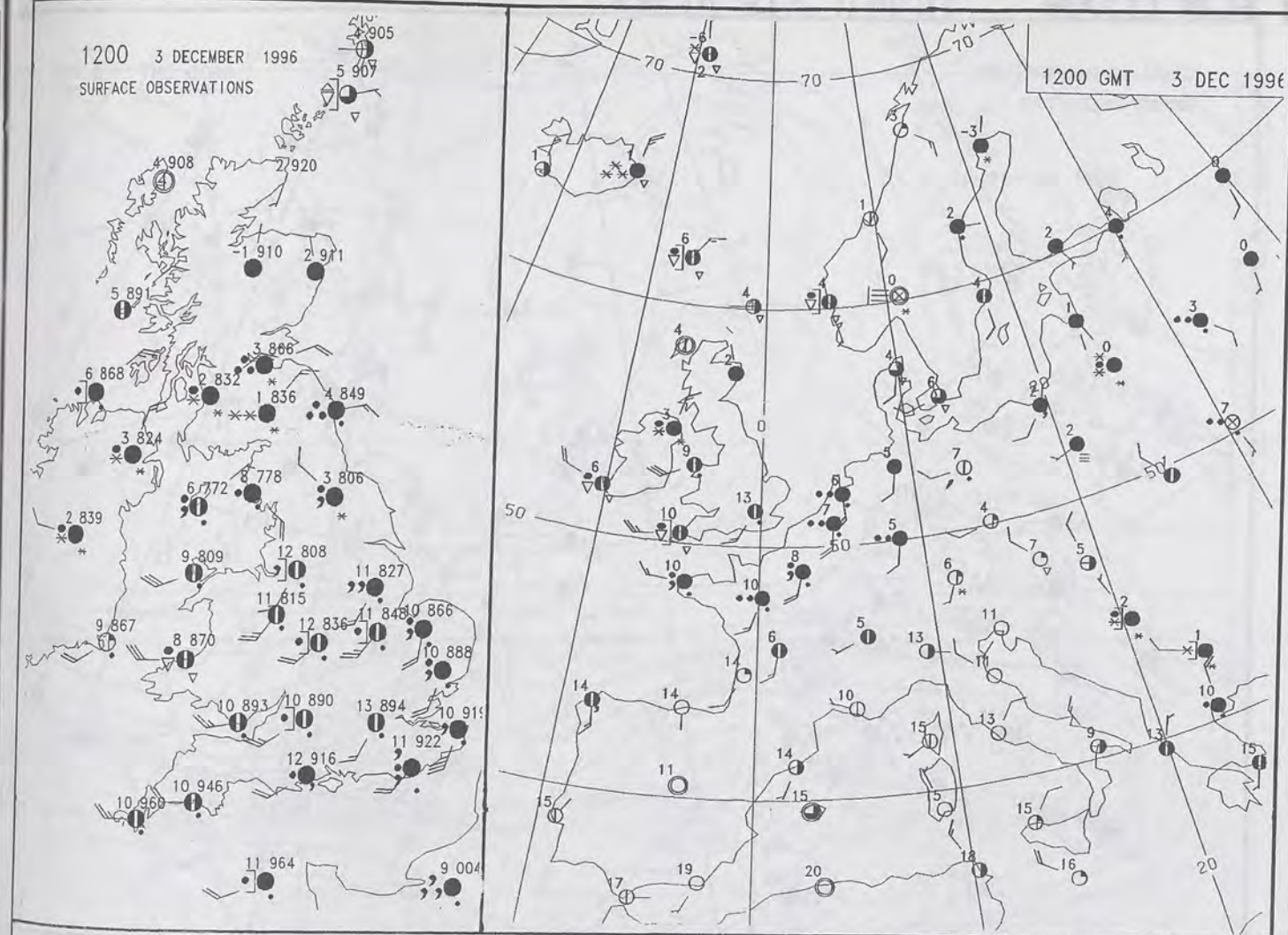
3 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)





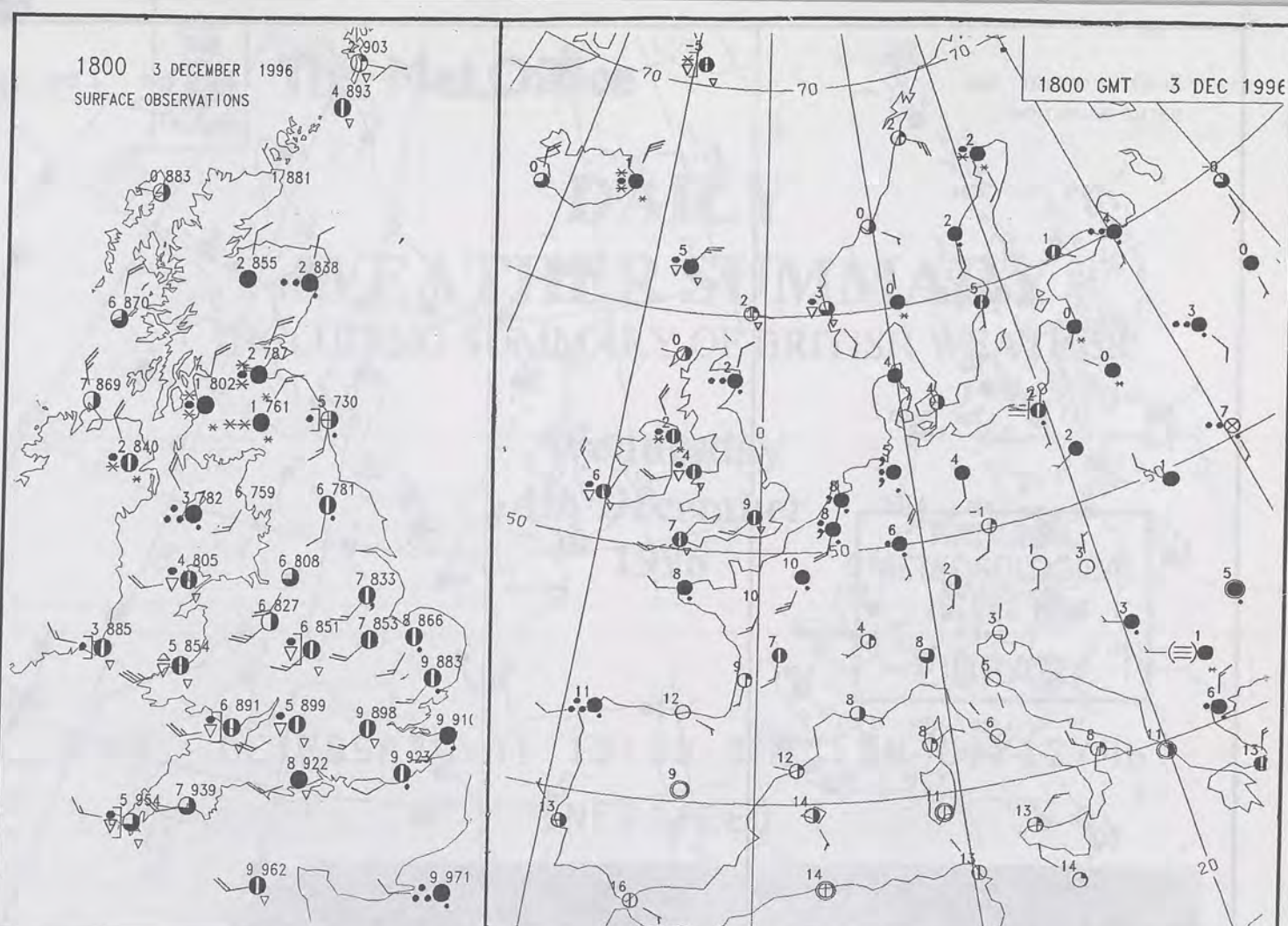
1200 3 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 3 DEC 1996

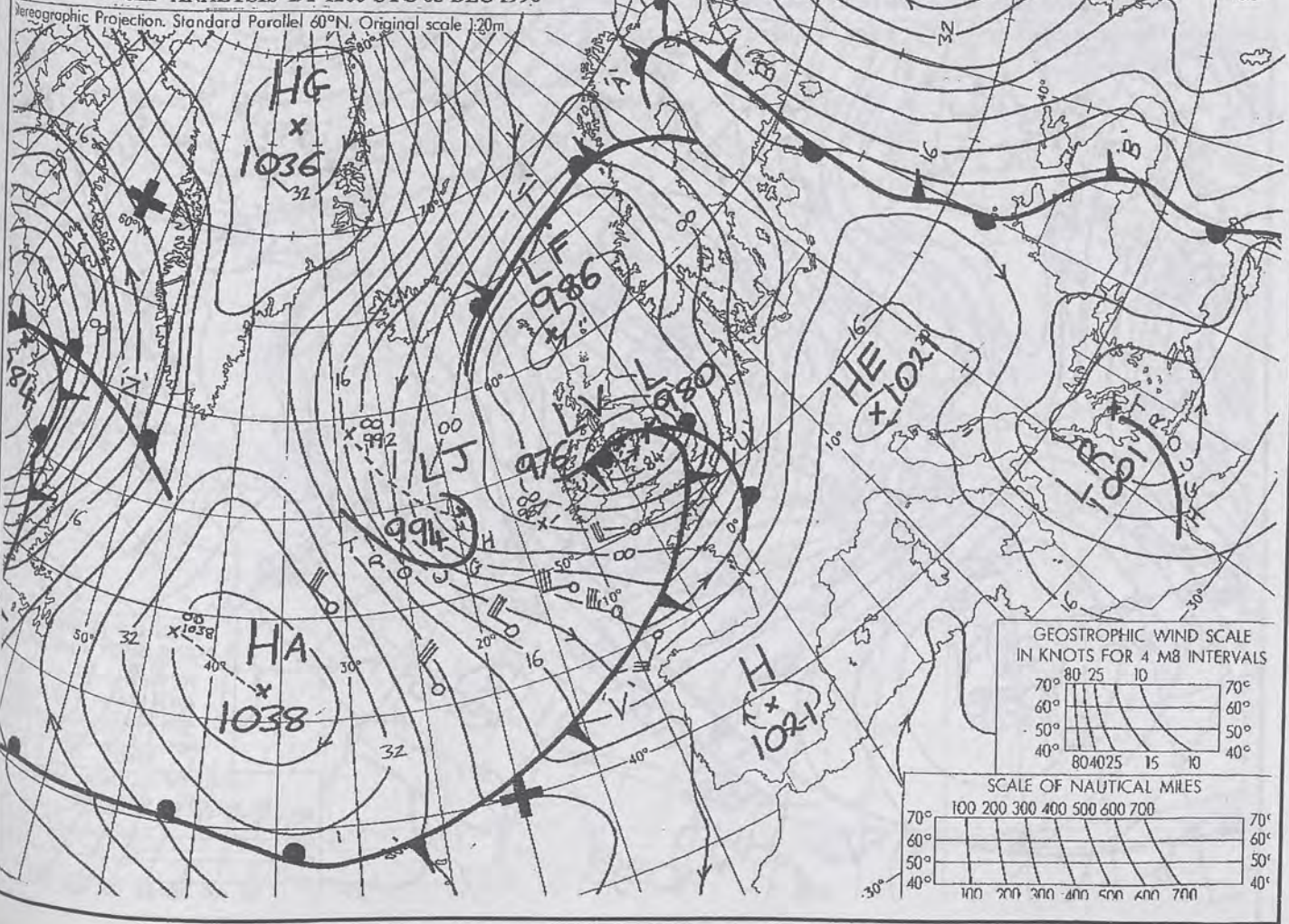


1800 3 DECEMBER 1996  
SURFACE OBSERVATIONS

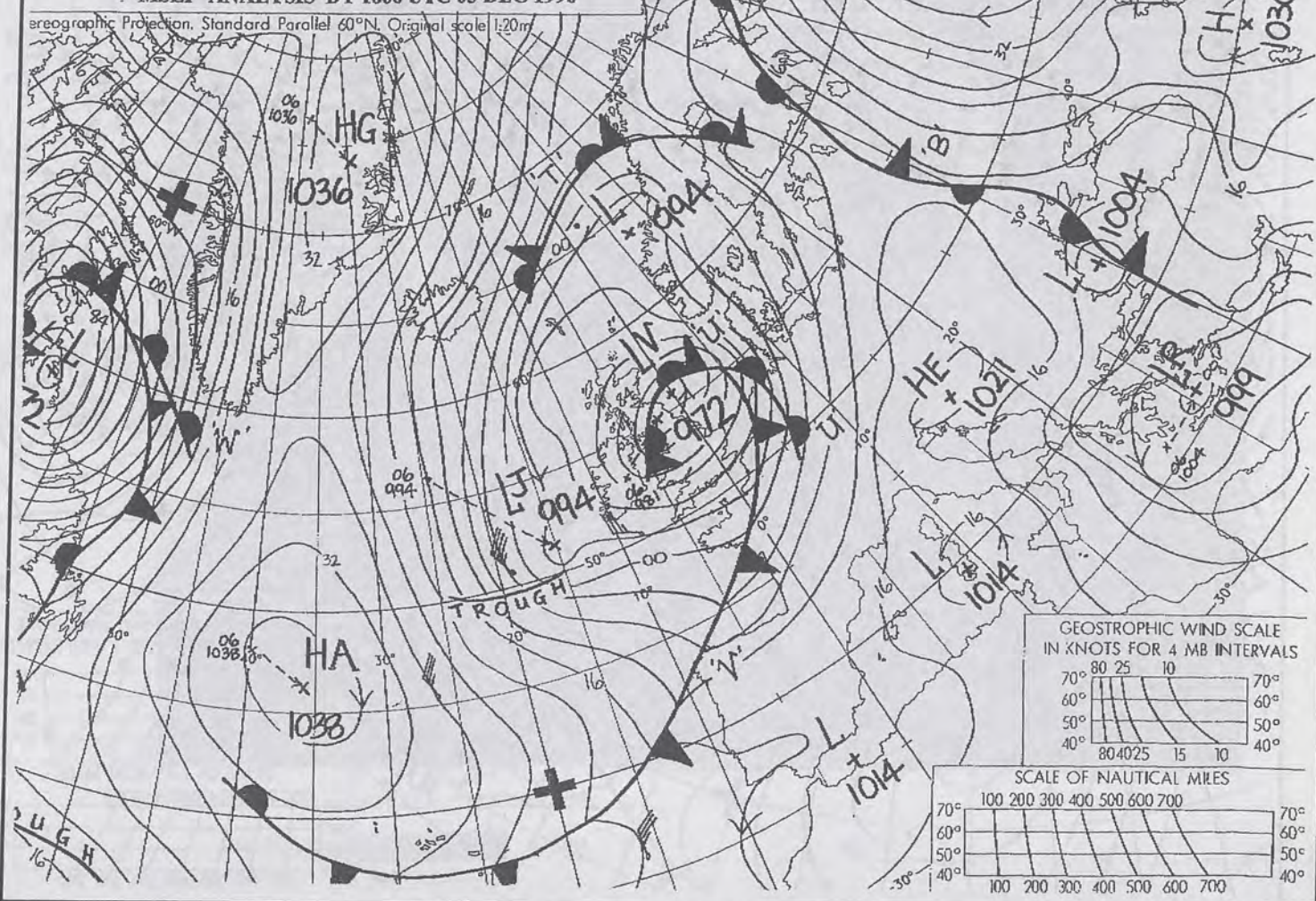
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MSLP ANALYSIS DT 1200 UTC 03 DEC 1996



MSLP ANALYSIS DT 1800 UTC 03 DEC 1996











The Met. Office

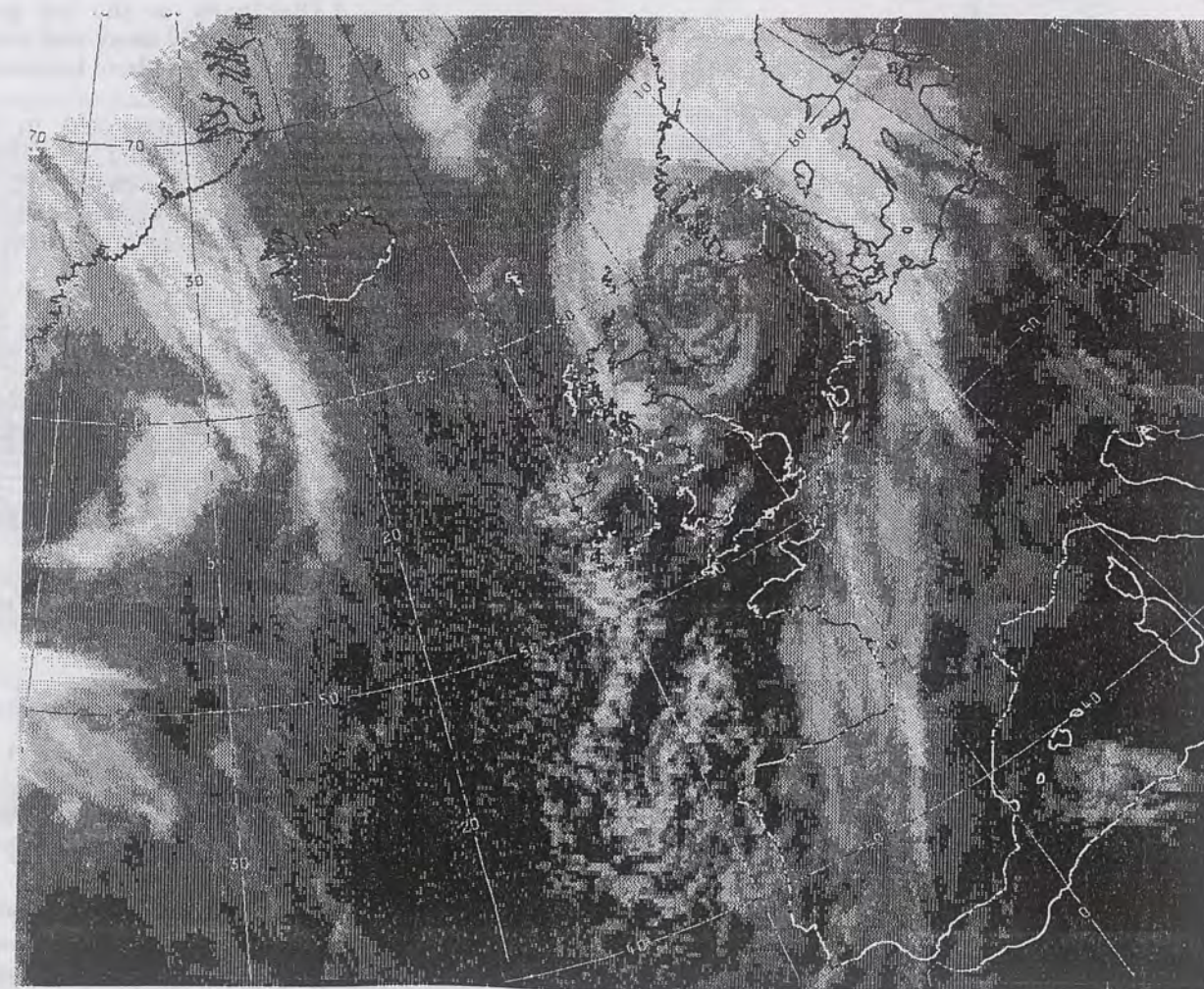
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Wednesday  
4th December  
1996

NATIONAL  
METEOROLOGICAL  
20 DEC 1996  
LIBRARY

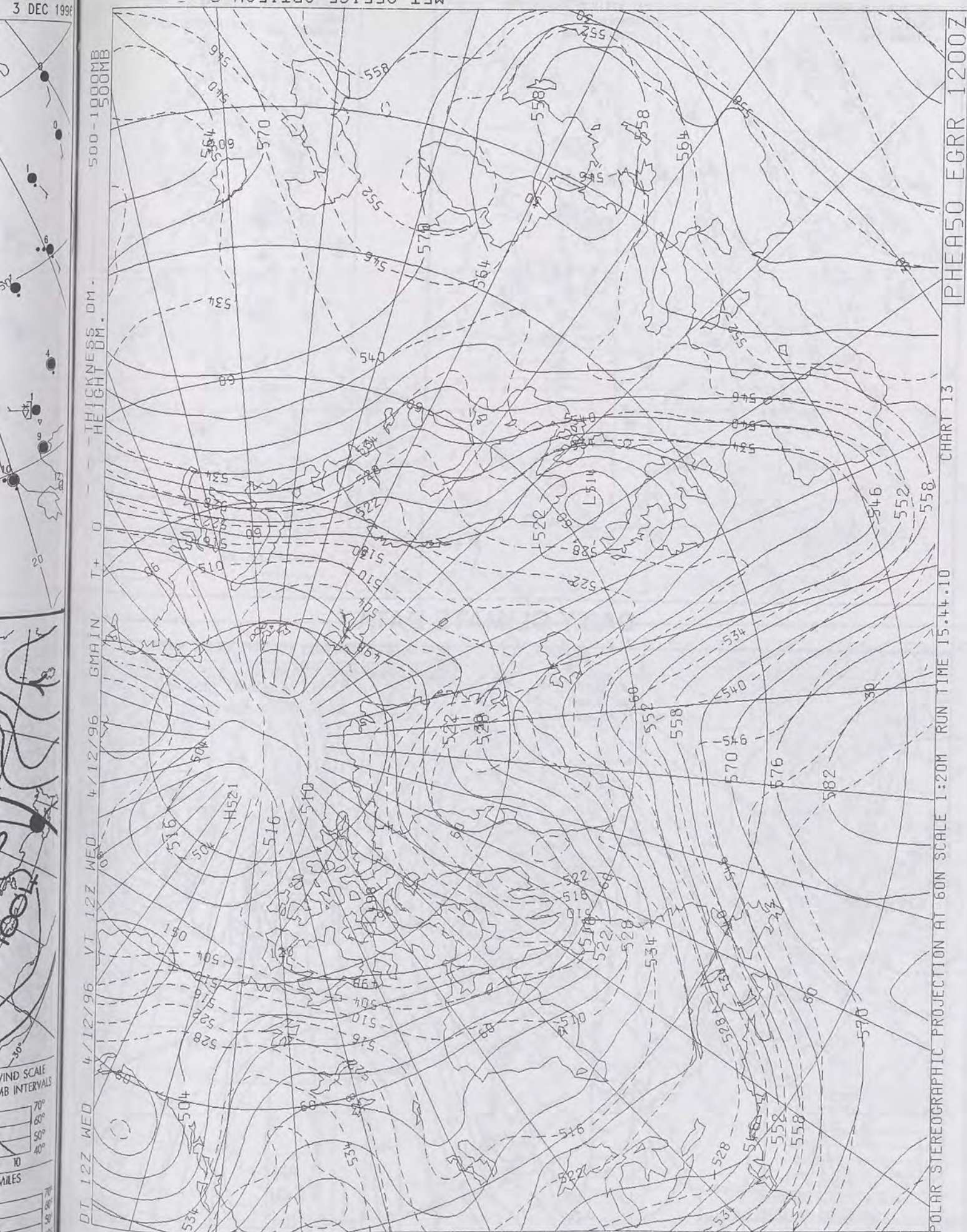
METEOSAT AT 12:00 GMT ON 04/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE

COLD WARM

3 DEC 1996

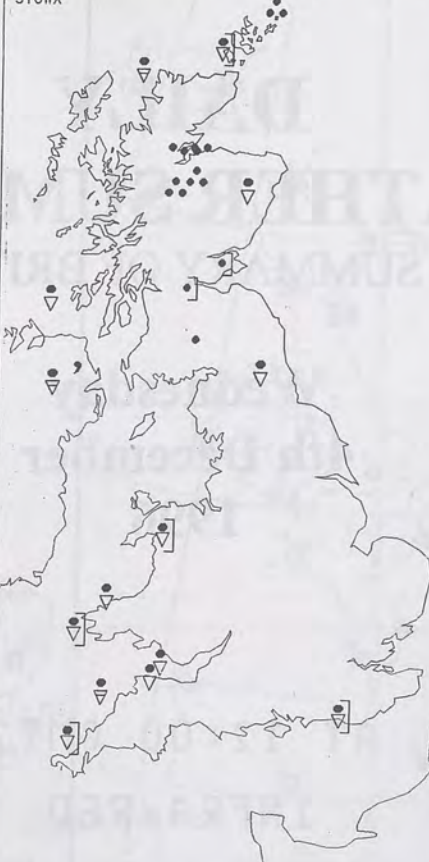




0600 4 DECEMBER 1996  
SIGWX



1200 4 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 4 DECEMBER 1996  
SIGWX



2400 4 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Wednesday 4th December 1996

A low pressure area centred just off the eastern Scottish coast gave some persistent rain, sleet or snow, which gave some especially heavy falls of rain and was also attended by strong northerly winds. By the morning, this rain, sleet or snow extended from northeast England, through the central Highlands to the Northern Isles. Elsewhere there were showers affecting western coasts and during the morning these started to penetrate through to some central areas. At the same time showers also started to feed along the English Channel where some turned thundery over the sea.

Many central and eastern parts of England had a dry day with a good deal of sunshine and this led into a fine evening with long clear periods.

By evening the rain was finally turning showery in the central Highlands, as the low pressure area edged slowly away and simultaneously northeast England became dry.

It was rather cold in central and eastern Scotland and feeling all the more so in the raw wind. The south on the other hand had temperatures near or slightly above average.

## EXTREMES

### WEDNESDAY 4th DECEMBER 1996

**Highest Maximum**  
: 12.6 C Teignmouth [ Devon ]

**Lowest Maximum**  
: 2.4 C Spadeadam [ Cumbria ]

**Lowest Minimum**  
: -2.7 C Altnaharra [ Highland ]

**Lowest Grass Minimum**  
: -7.4 C Stornoway [ Outer Hebrides ]

**Most Rain (24 hrs from 0900 GMT)**  
: 16.1mm Aviemore [ Highland ]

**Most Sunshine**  
: 7.1 hrs Odiham [ Hampshire ]

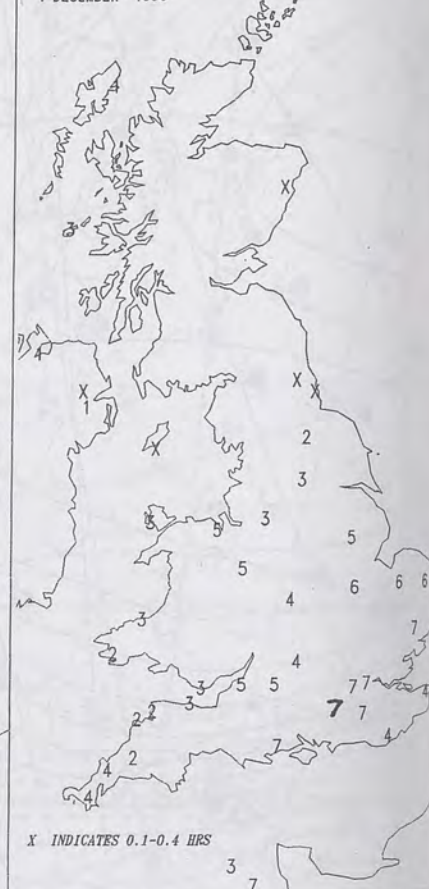
NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
4 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
4 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
4 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
4 DECEMBER 1996



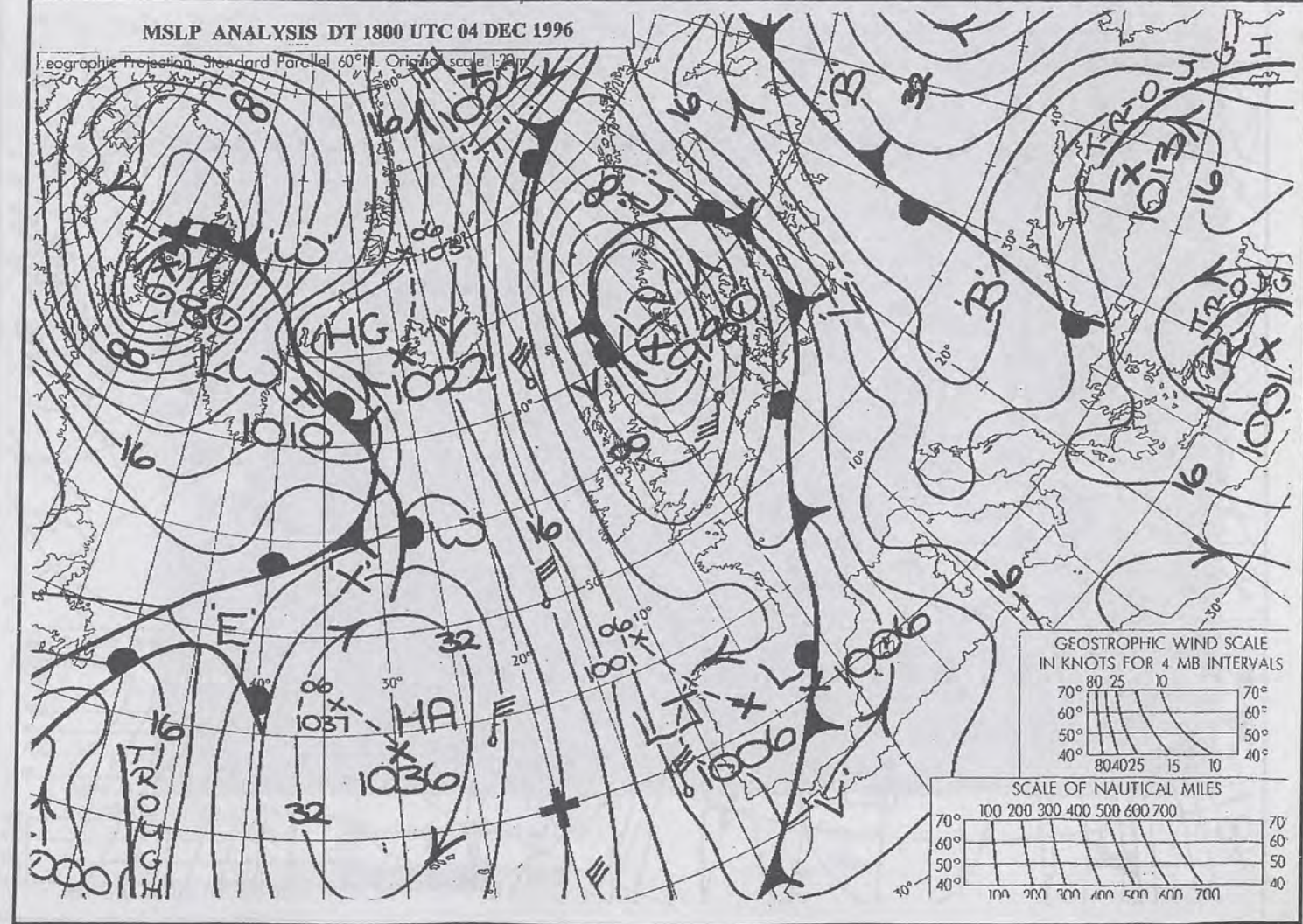
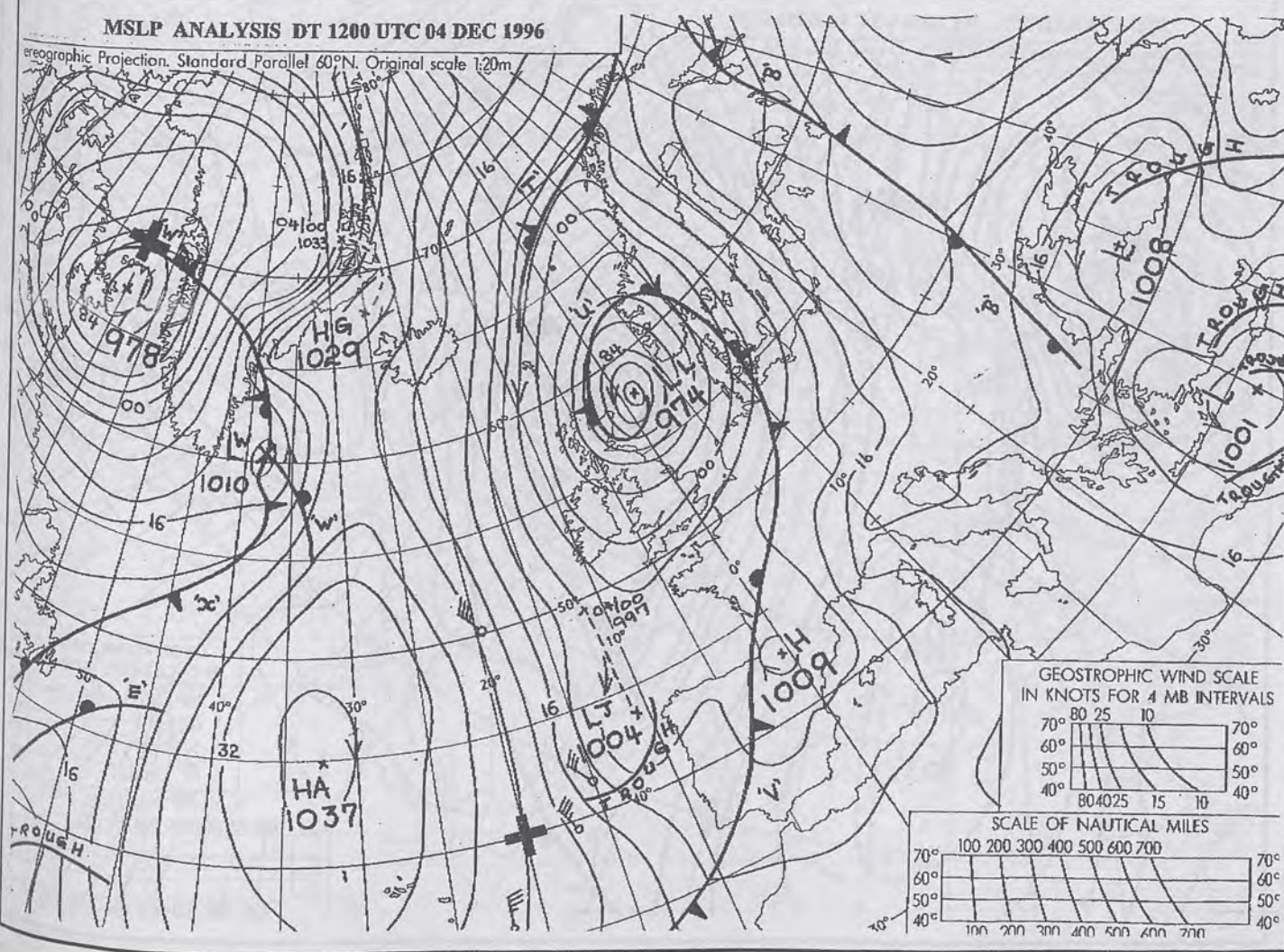
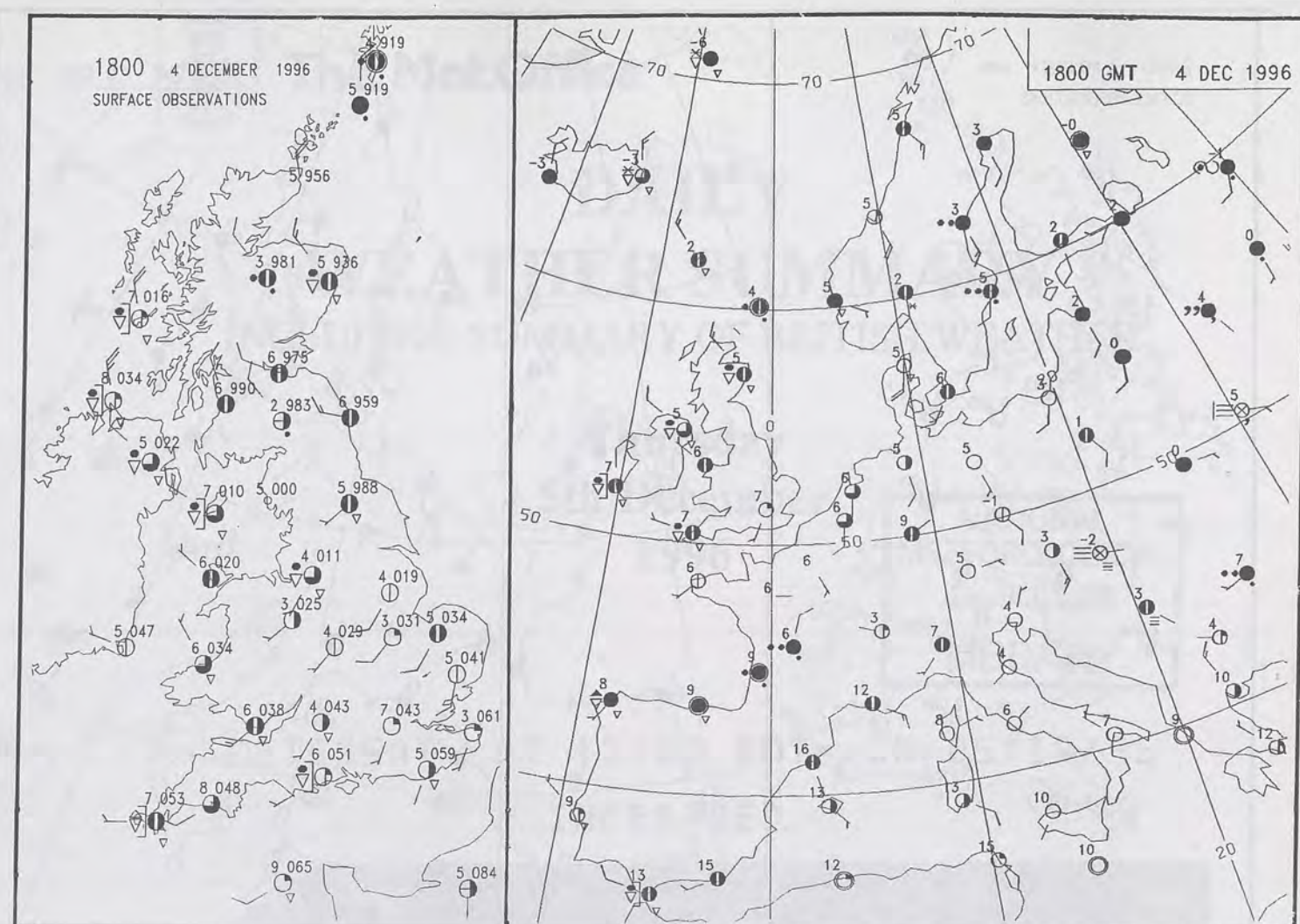
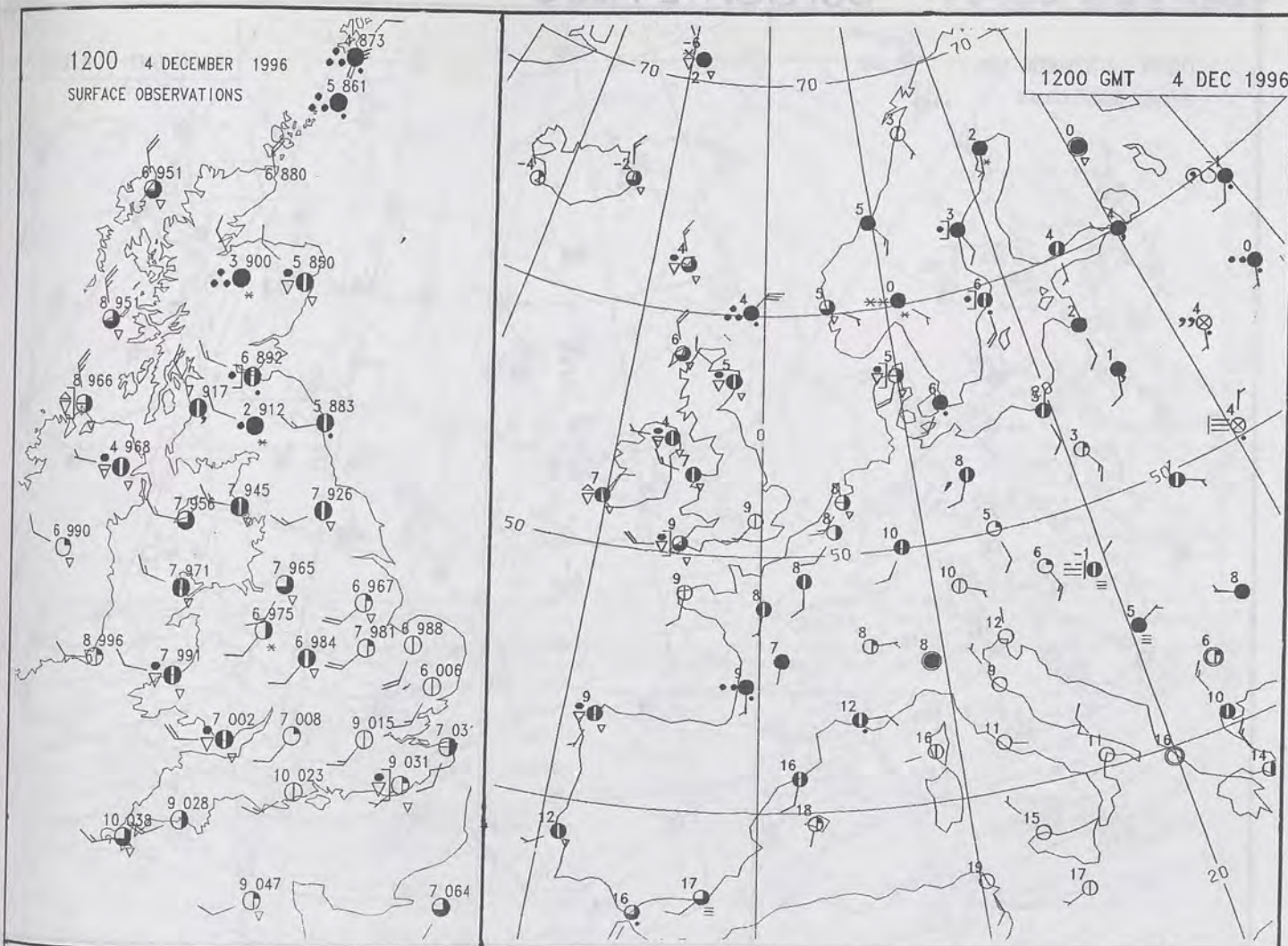
DAY RAINFALL  
(MILLIMETRES)  
4 DECEMBER 1996



4 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)

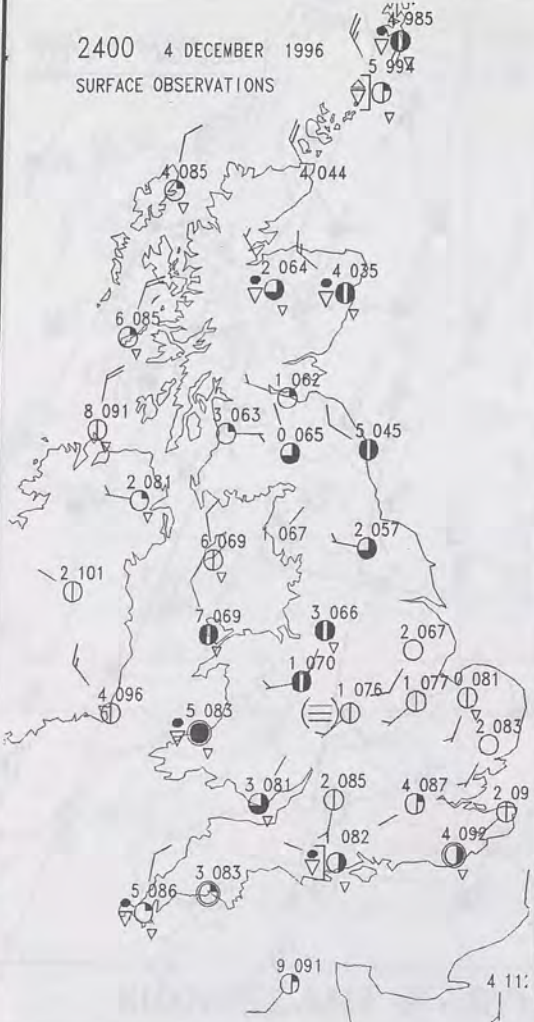




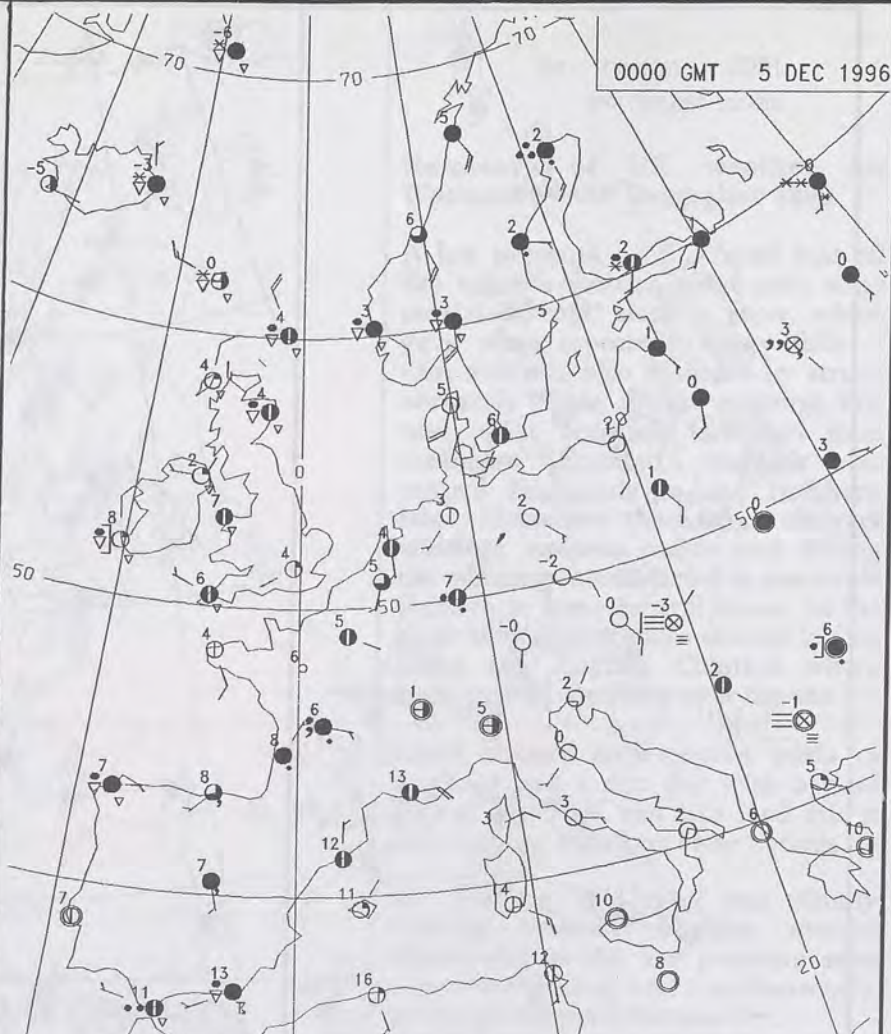




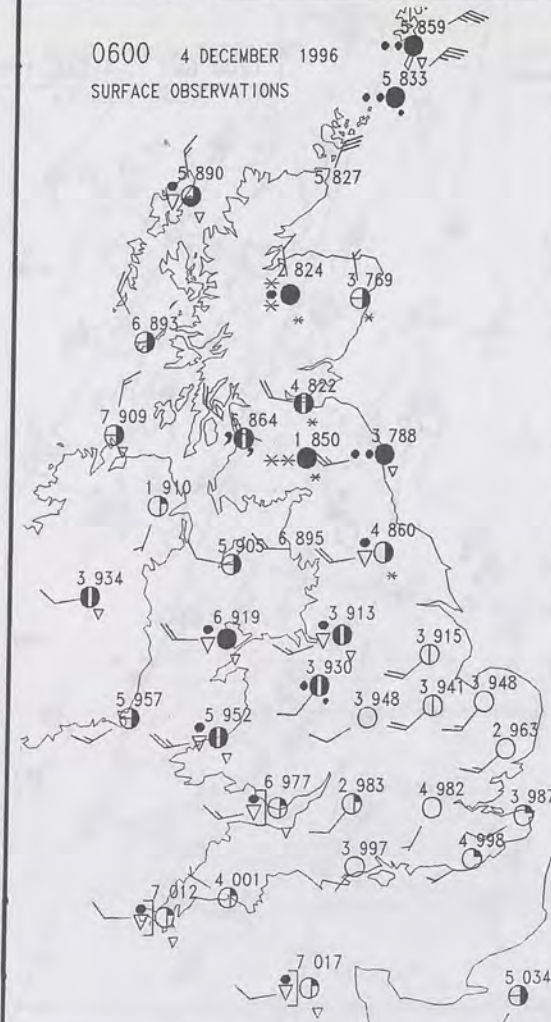
2400 4 DECEMBER 1996  
SURFACE OBSERVATIONS



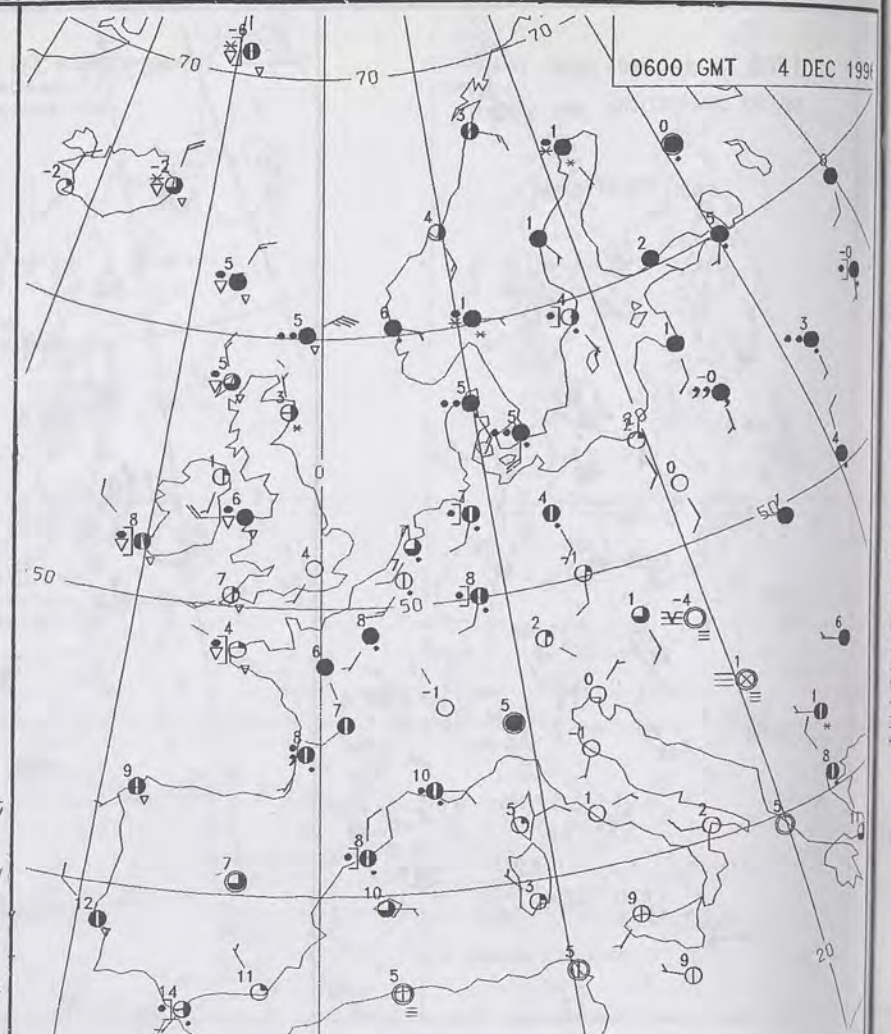
0000 GMT 5 DEC 1996



0600 4 DECEMBER 1996  
SURFACE OBSERVATIONS

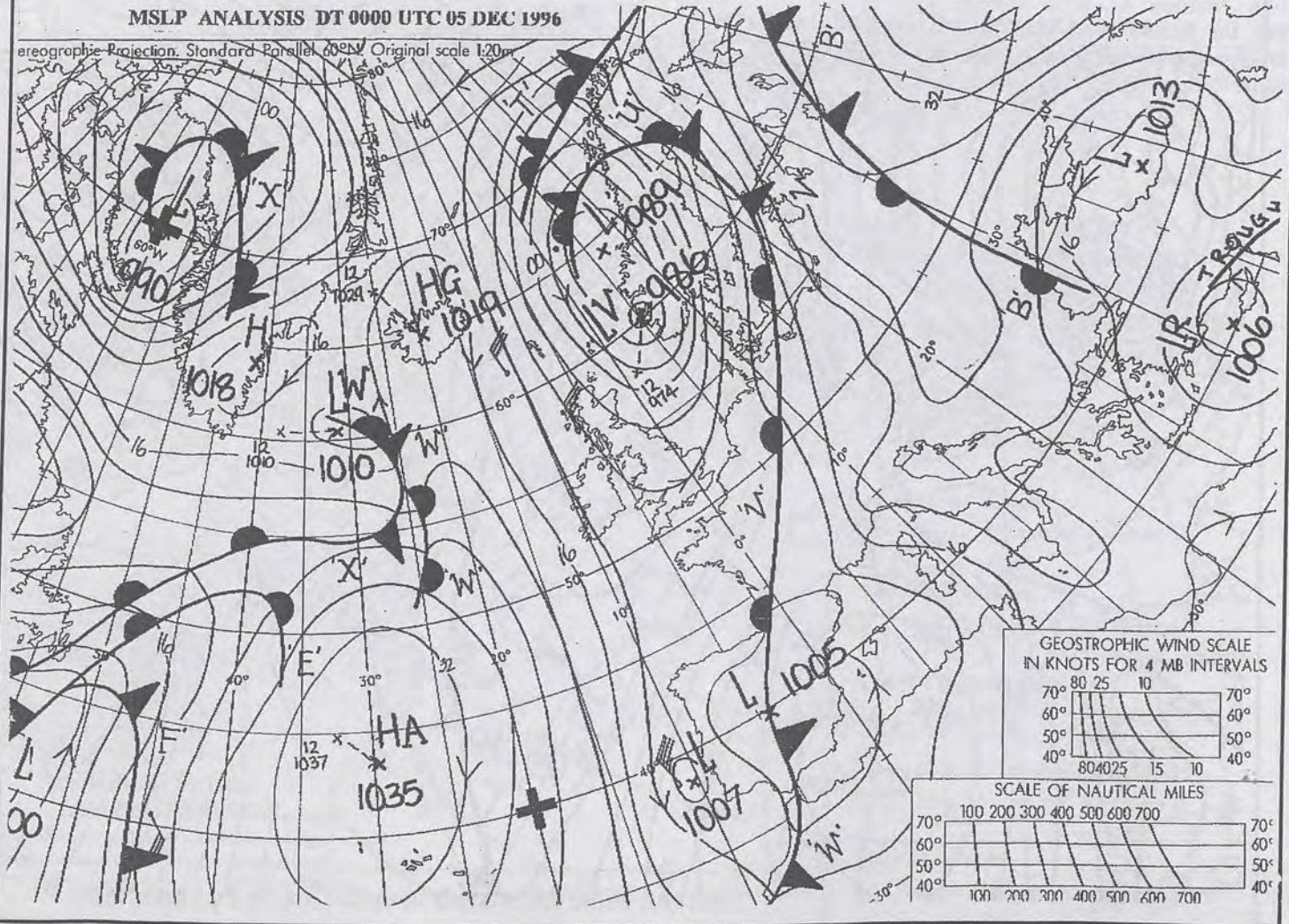


0600 GMT 4 DEC 1996



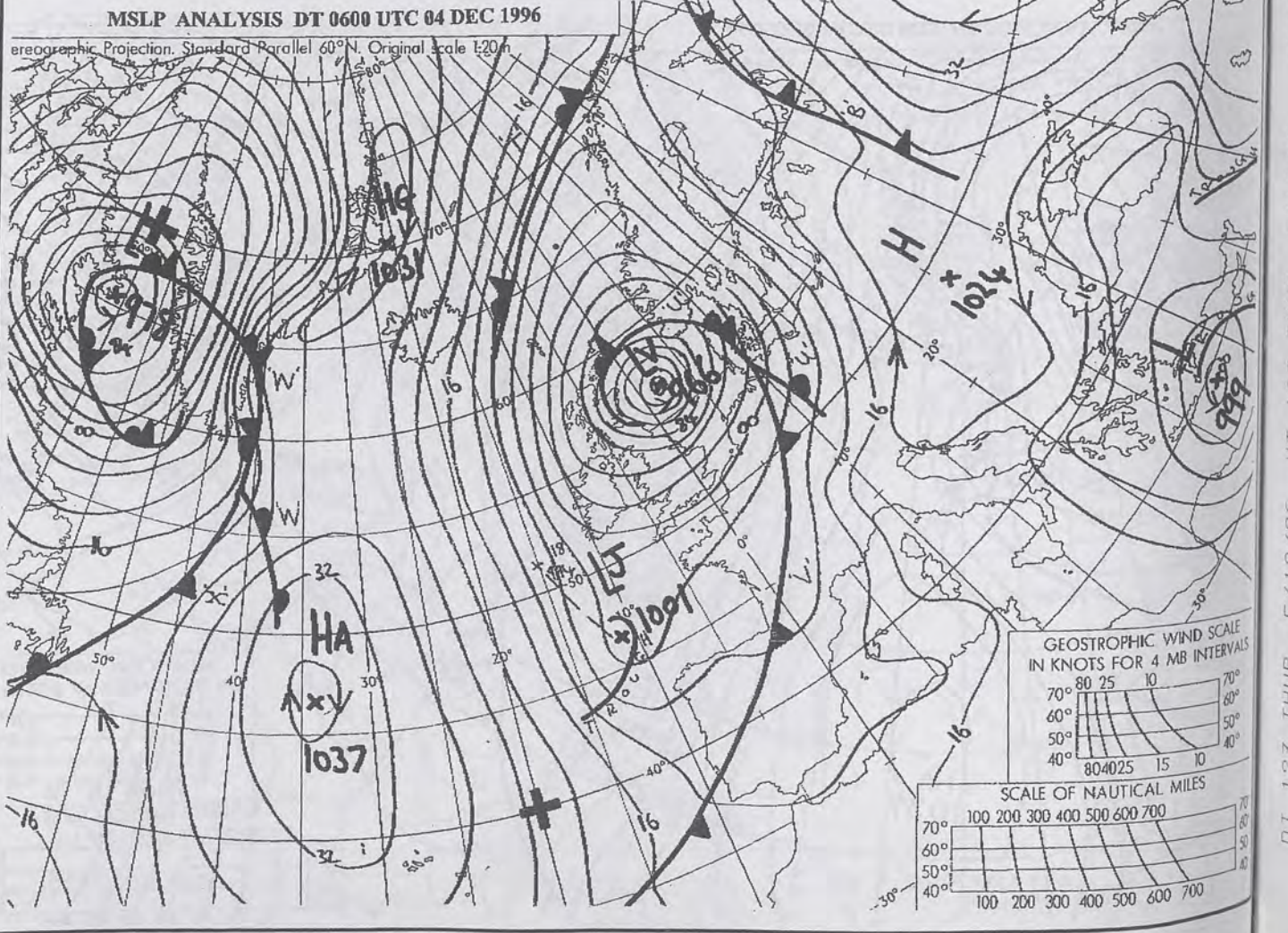
MSLP ANALYSIS DT 0000 UTC 05 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 0600 UTC 04 DEC 1996

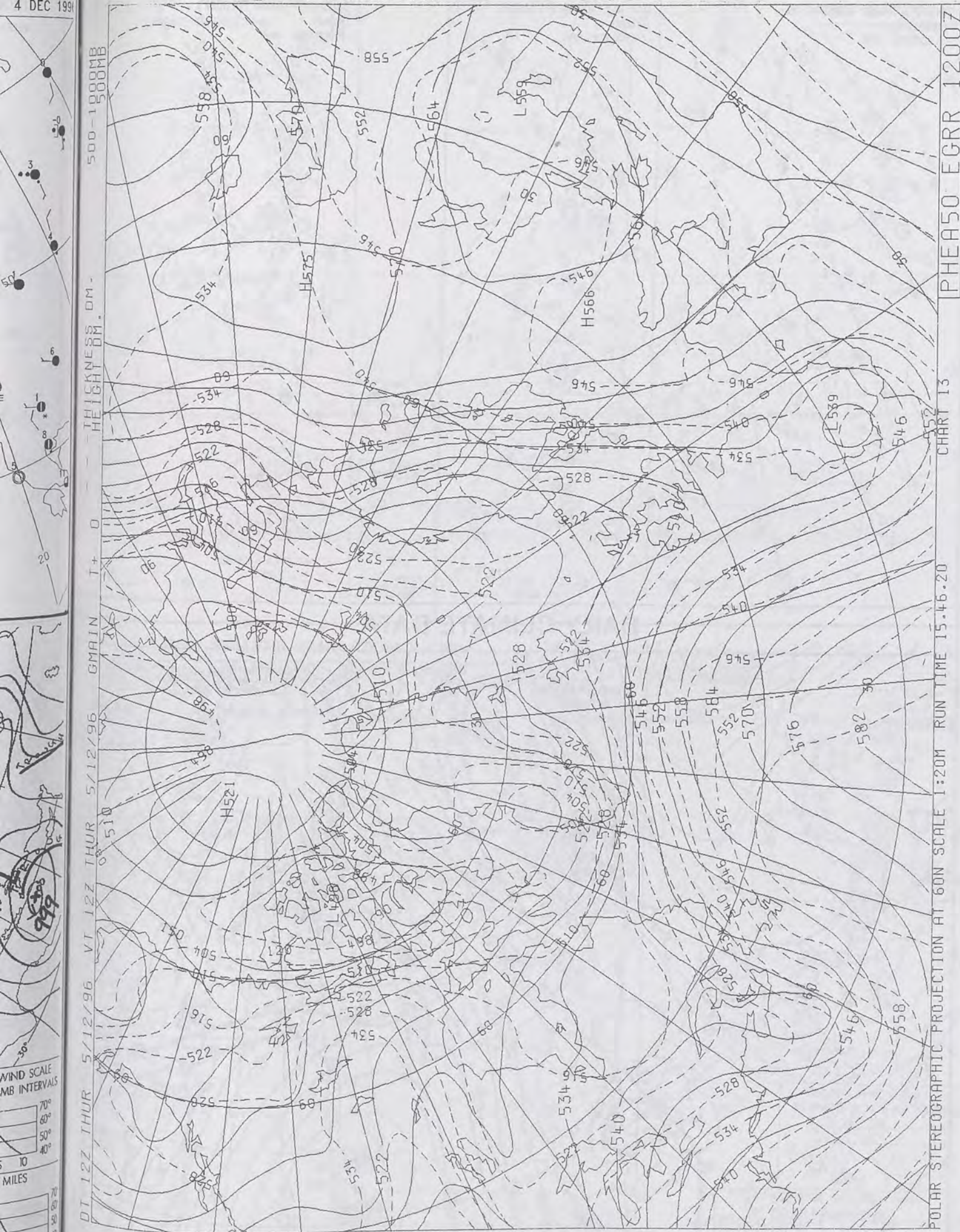
Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



DT 12Z THUR 5/12/96 VT 12Z THUR 5/12/96 GMTIN 1+ 0 HEIGHTS DM. 500-1000MB



4 DEC 1996



The Met. Office

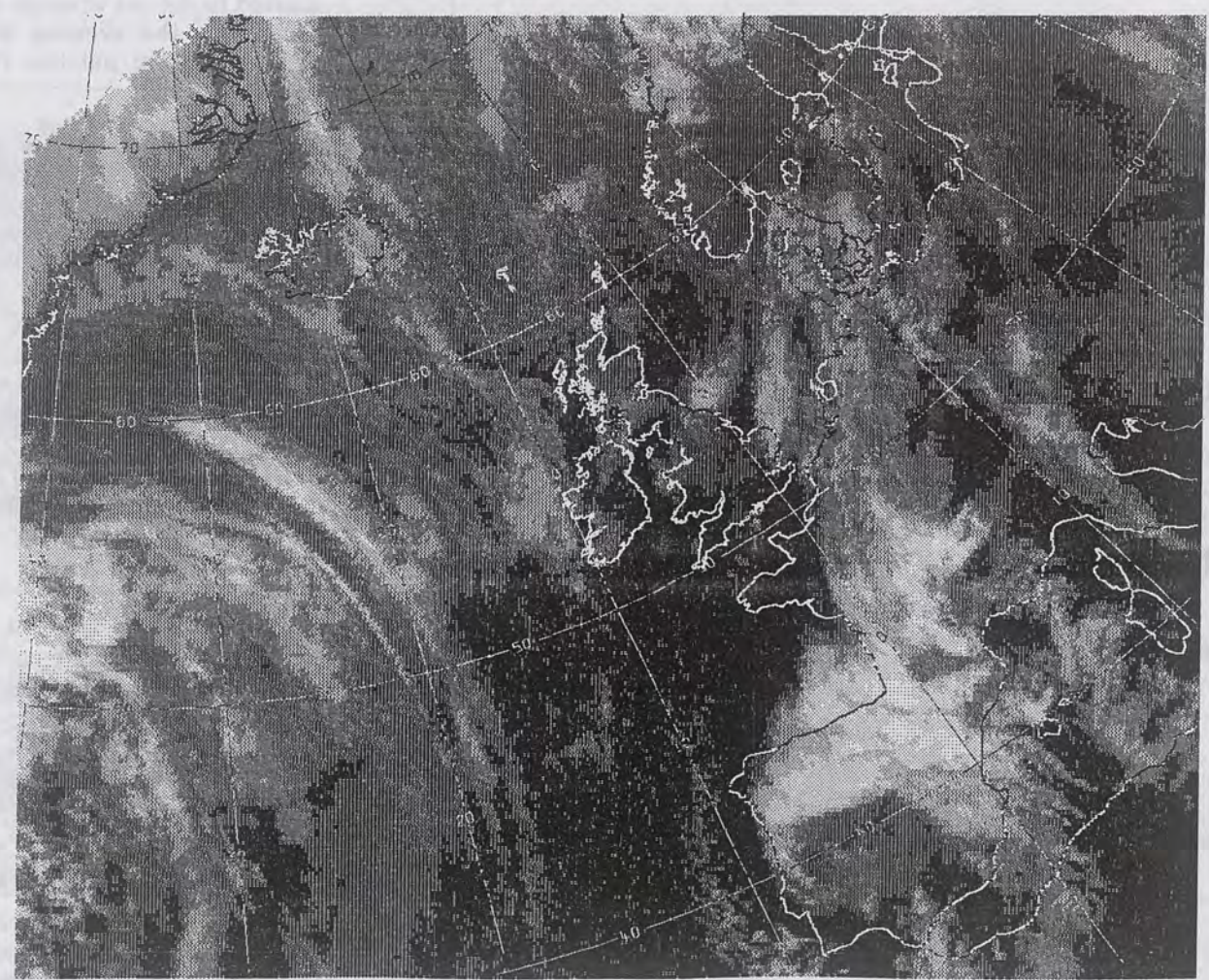
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Thursday  
5th December  
1996

NATIONAL  
METEOROLOGICAL  
20 DEC 1996  
LIBRARY

METEOSAT AT 12:00 GMT ON 05/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE

COLD WARM



0600 5 DECEMBER 1996  
SIGWX



1200 5 DECEMBER 1996  
SIGWX



### Summary of UK weather for Thursday 5th December 1996

There were showers overnight across northern parts of Scotland, southwestern parts of both Wales and England, as well as along the Channel coast. The showers in southwestern parts, but those along the Channel turned thundery later in the night. Elsewhere, it was a generally clear and frosty night, with dense patches of freezing fog forming in many places.

During the day, the fog slowly thinned and cleared across much of the UK, however parts of the midlands and central southern England stayed foggy all day. There was a good deal of dry weather with sunny spells, but there were still showers around, some wintry. These were mainly across northern parts of Scotland, but also a few across southwestern coast, as well as some drifting into northeastern England, Channel coasts, and into northwestern England, off the Irish sea.

These areas hung on to showers through the afternoon, and they started to die out through the evening. Otherwise the evening was dry and clear, with fog patches reforming in many places.

Temperatures generally were in the cold or rather cold categories, with the foggy areas being very cold. Southeast England saw temperatures near or just above normal, into the mild category in the odd spot.

### SIGNIFICANT WEATHER CHARTS

1800 5 DECEMBER 1996  
SIGWX



2400 5 DECEMBER 1996  
SIGWX



### EXTREMES

#### THURSDAY 5th DECEMBER 1996

**Highest Maximum**  
: 11.8 C Guernsey / L'Ancrese

**Lowest Maximum**  
: 0.9 C Glasgow Airport

**Lowest Minimum**  
: -5.0 C Birmingham Airport

**Lowest Grass Minimum**  
: -9.4 C Birmingham Airport

**Most Rain (24 hrs from 0900 GMT)**  
: 16.7mm Scarborough [Yorkshire]

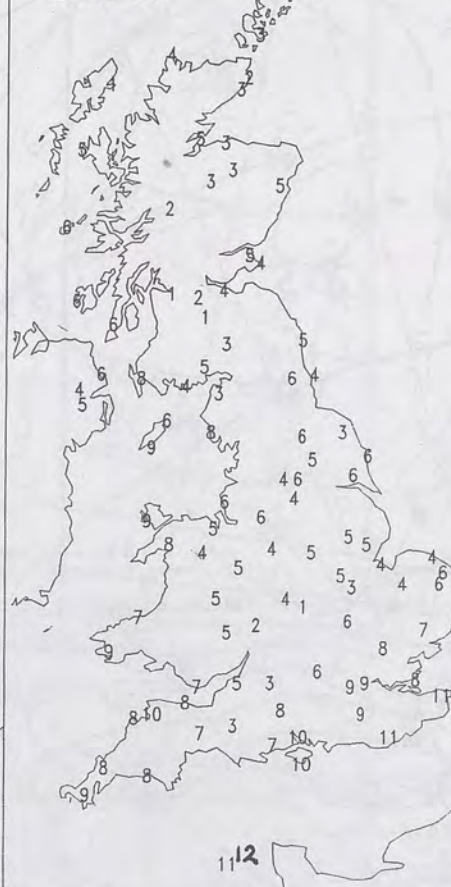
**Most Sunshine**  
: 6.9 hrs Jersey / St Helier

Published by London Weather Centre. All times are GMT.

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
5 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
5 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
5 DECEMBER 1996



### DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
5 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
5 DECEMBER 1996



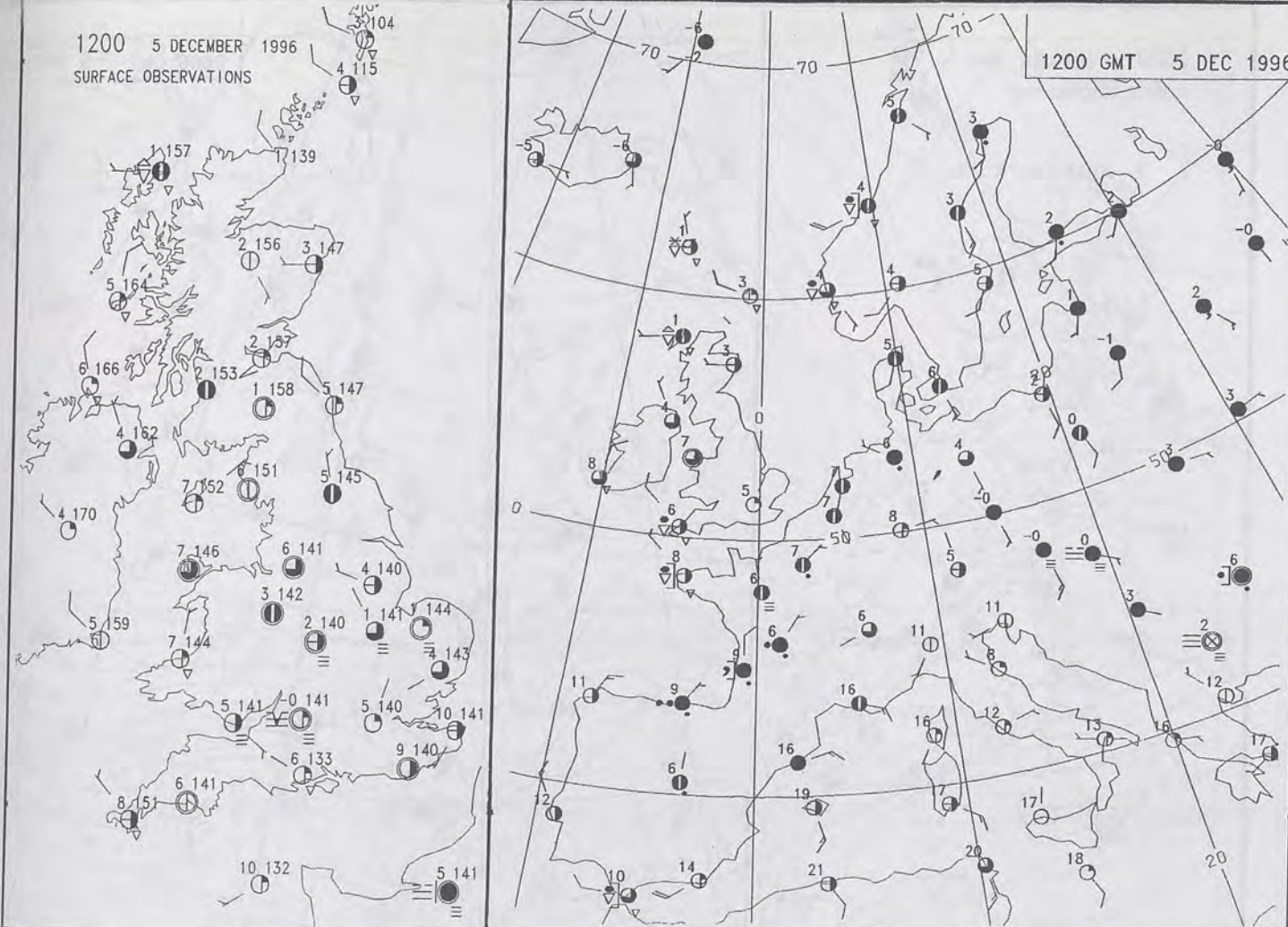
5 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)





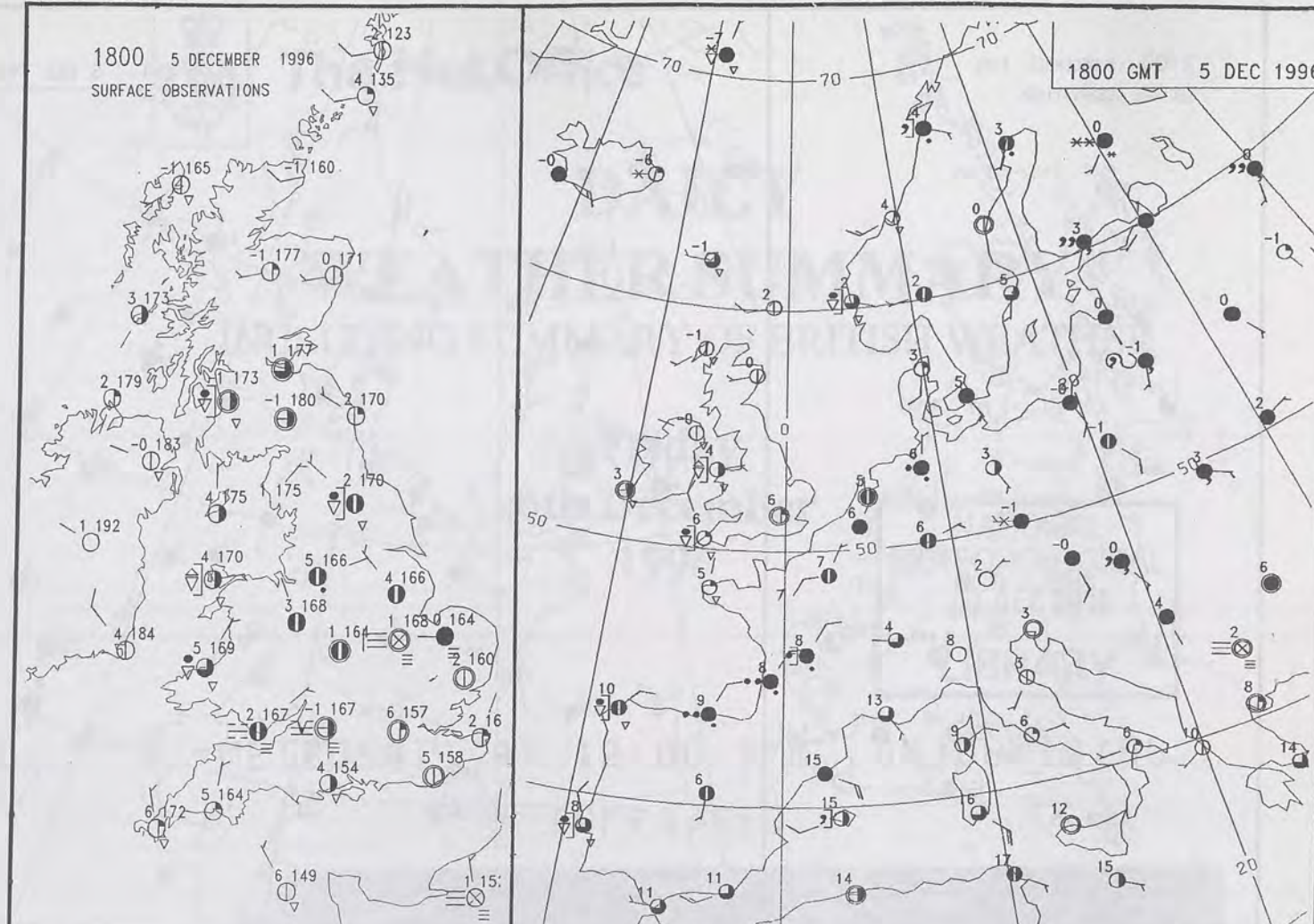
1200 5 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 5 DEC 1996



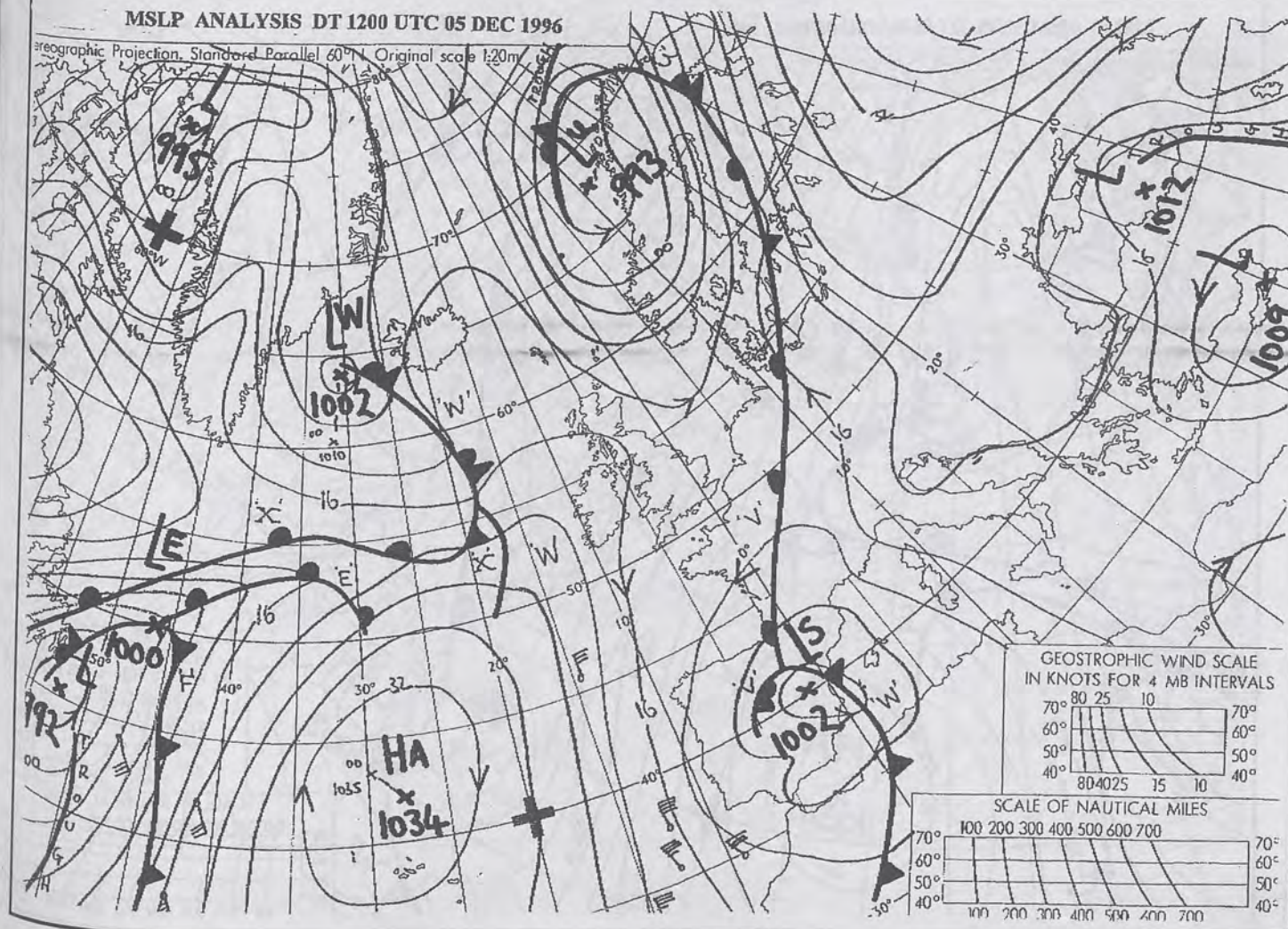
1800 5 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 5 DEC 1996



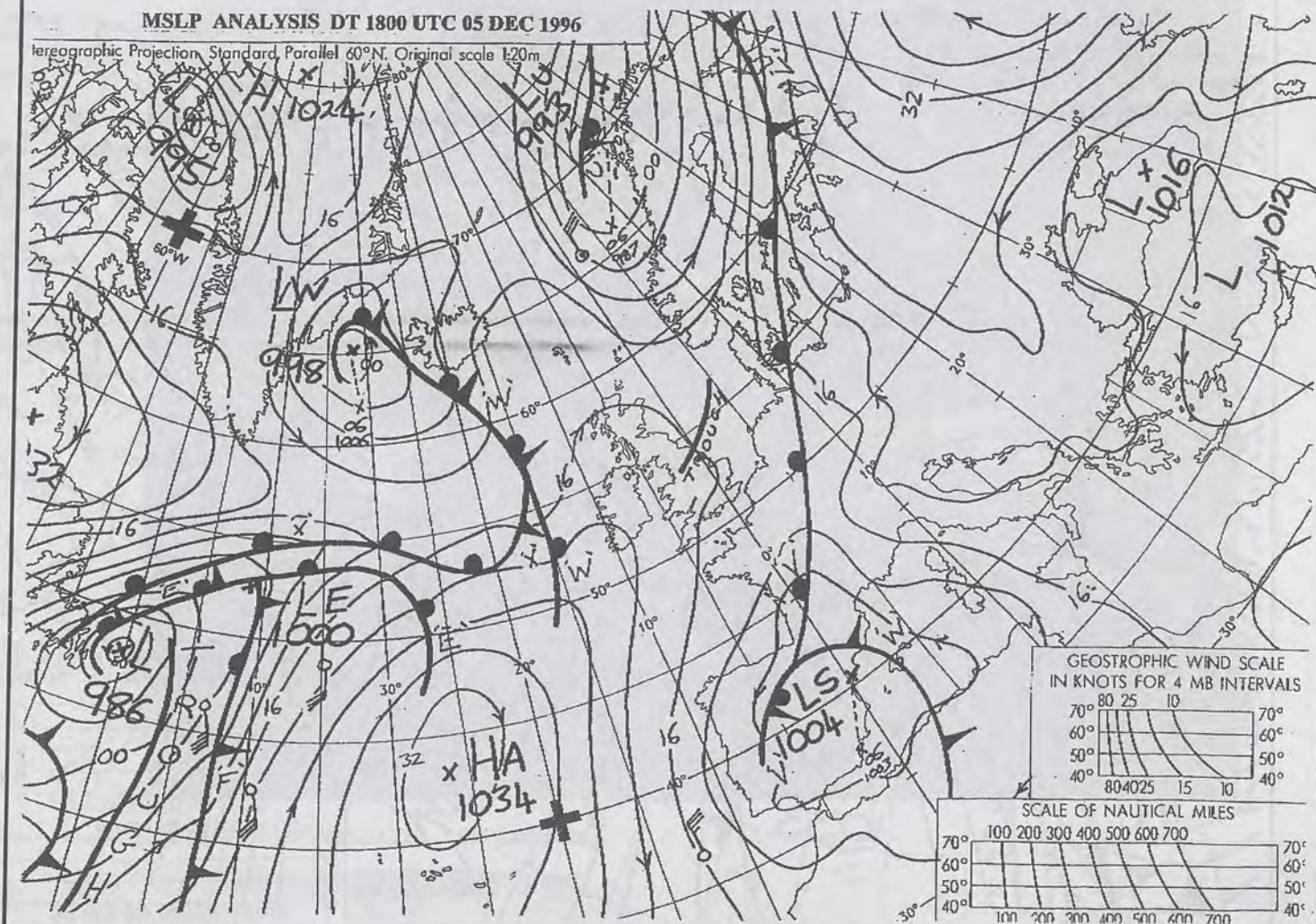
MSLP ANALYSIS DT 1200 UTC 05 DEC 1996

tereographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 1800 UTC 05 DEC 1996

tereographic Projection, Standard Parallel 60°N, Original scale 1:20m





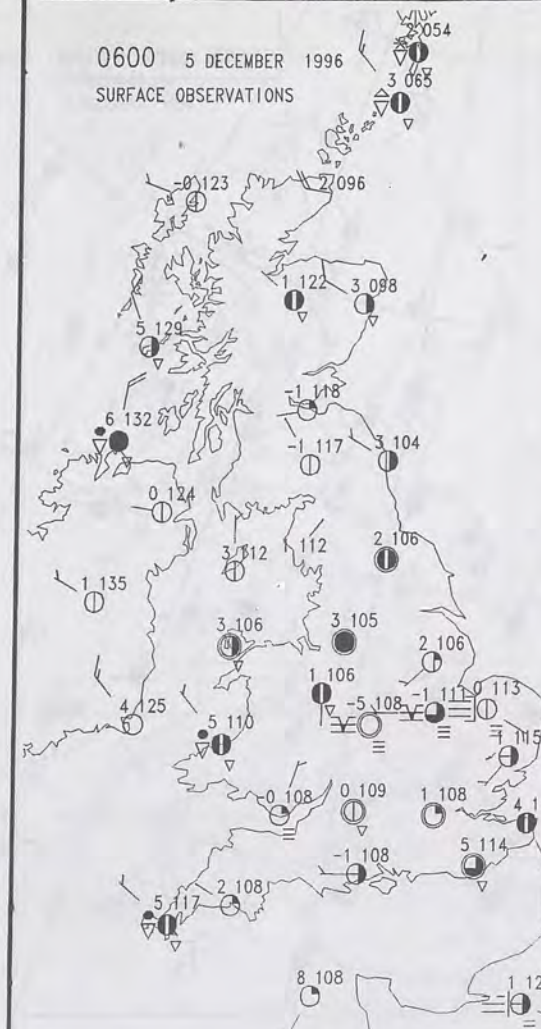
2400 5 DECEMBER 1996  
SURFACE OBSERVATIONS



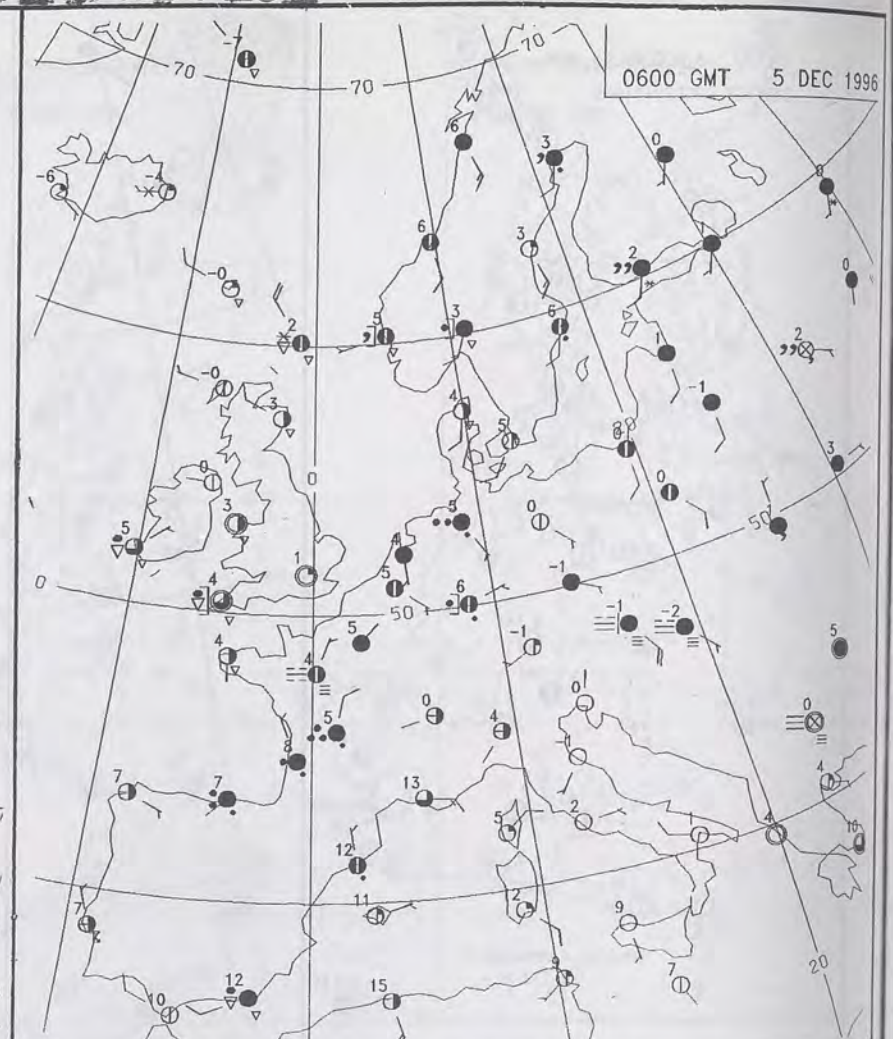
0000 GMT 6 DEC 1996



0600 5 DECEMBER 1996  
SURFACE OBSERVATIONS

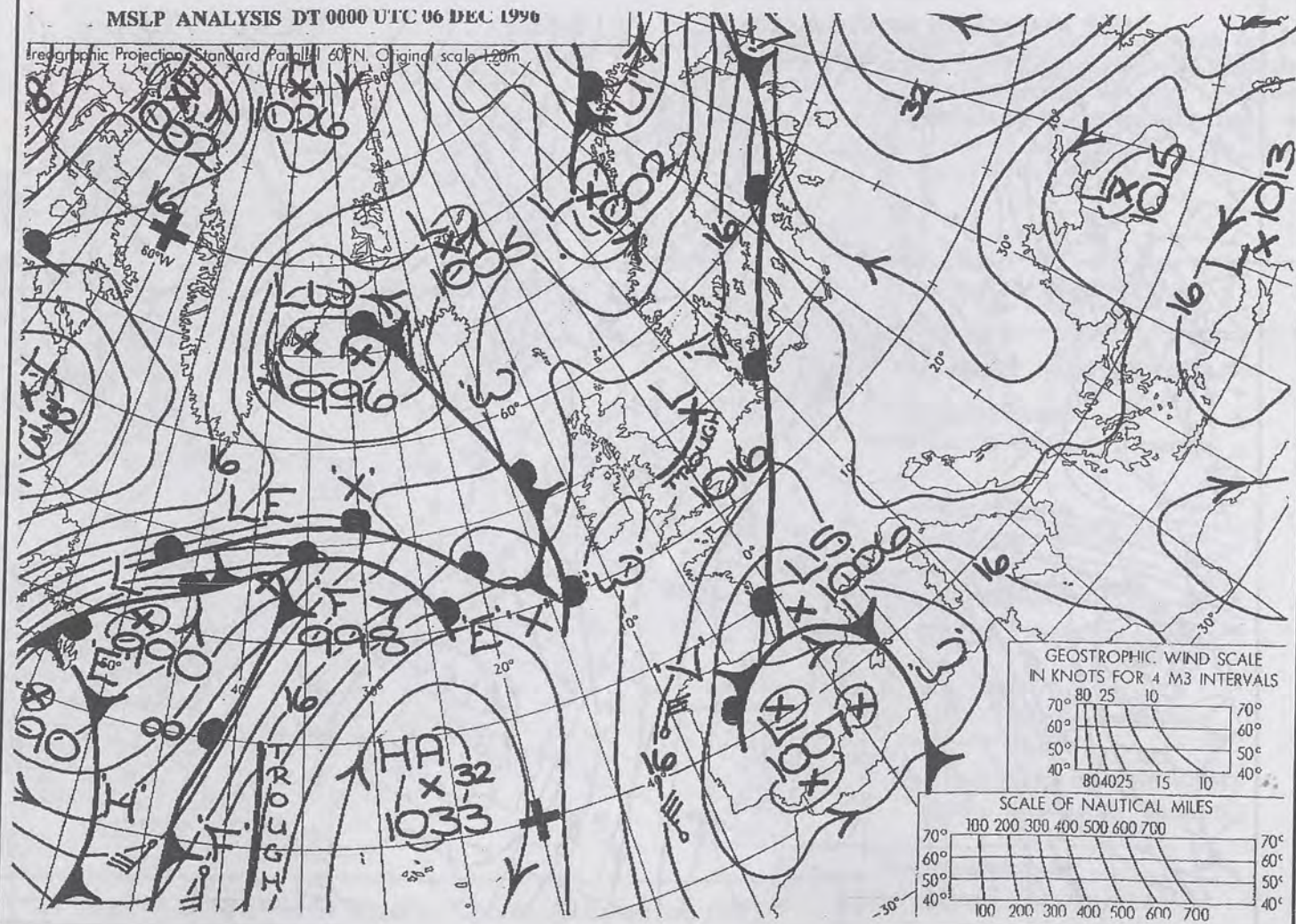


0600 GMT 5 DEC 1996



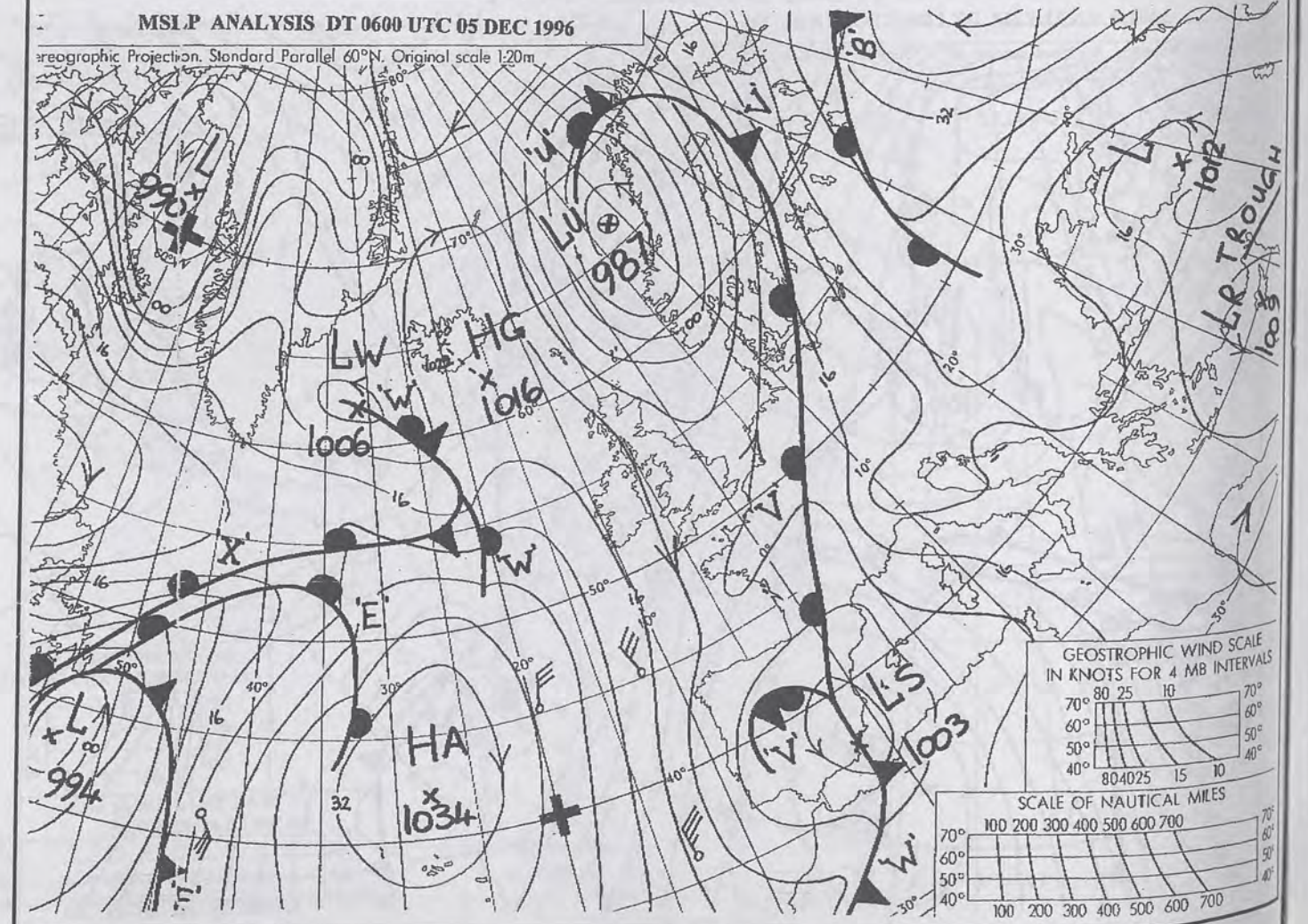
MSLP ANALYSIS DT 0000 UTC 06 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

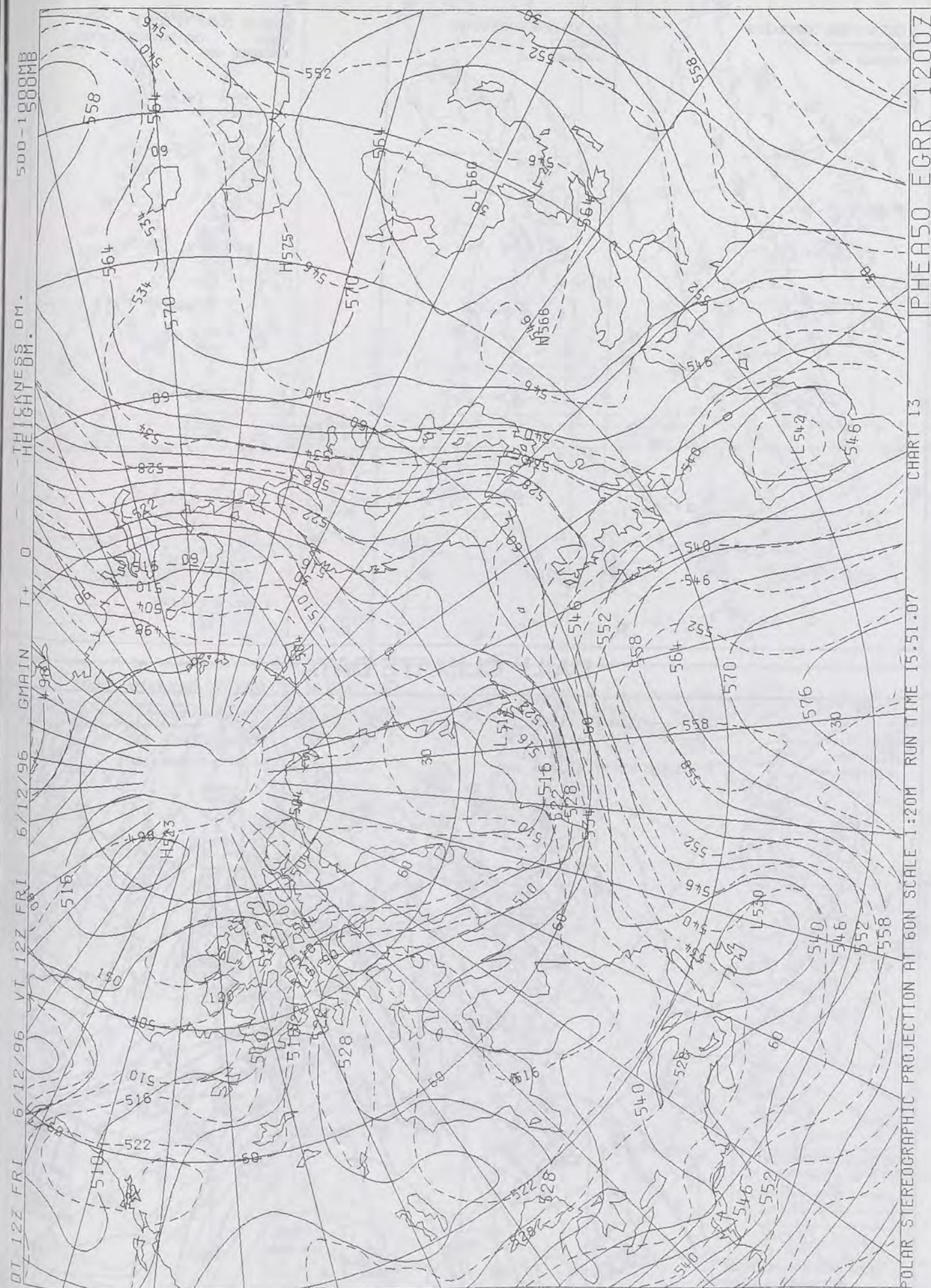


MSLP ANALYSIS DT 0600 UTC 05 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m







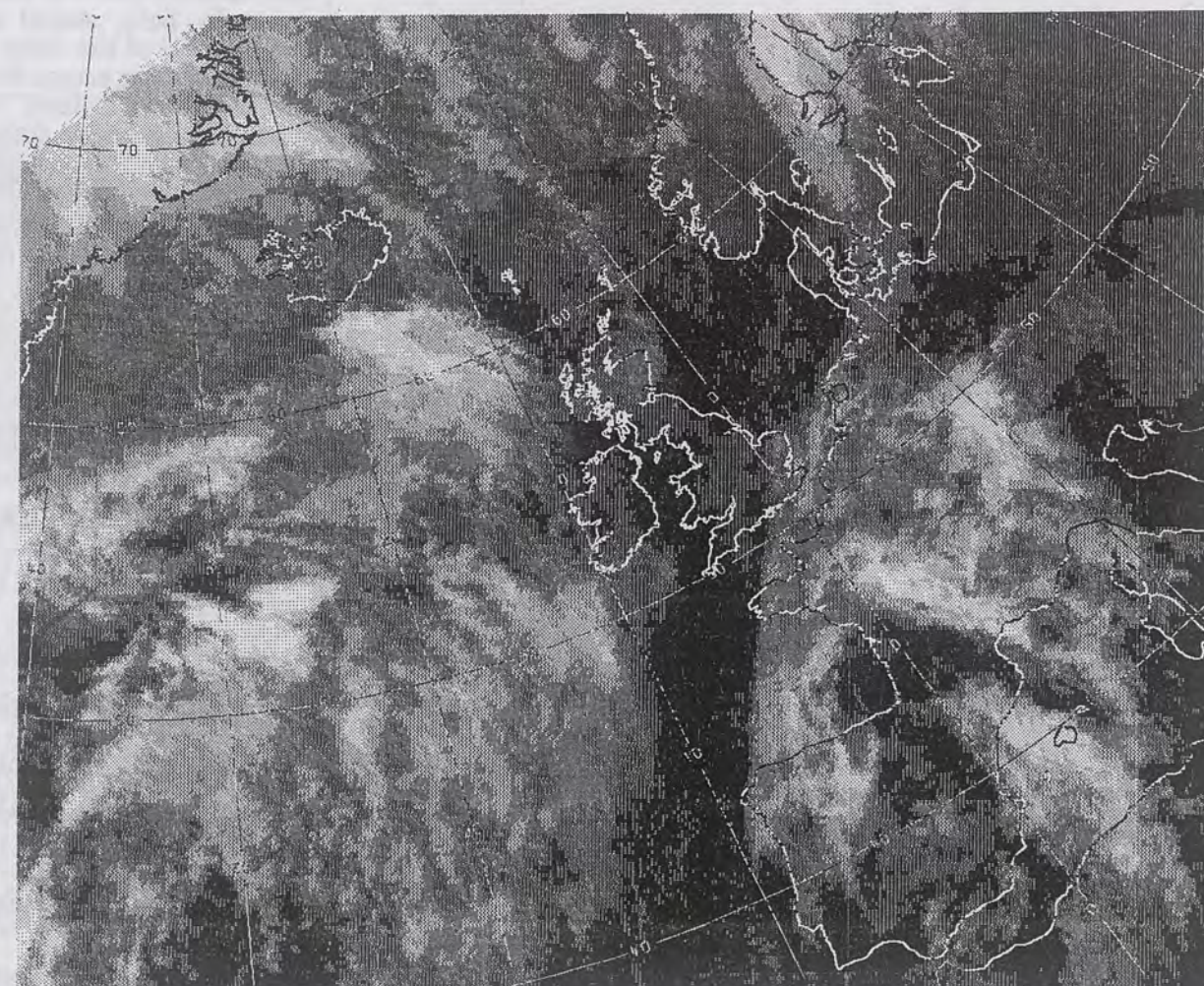
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

**Friday  
6th December  
1996**

NATIONAL  
METEOROLOGICAL  
26 DEC 1996  
LIBRARY

METEOSAT AT 12:00 GMT ON 06/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE

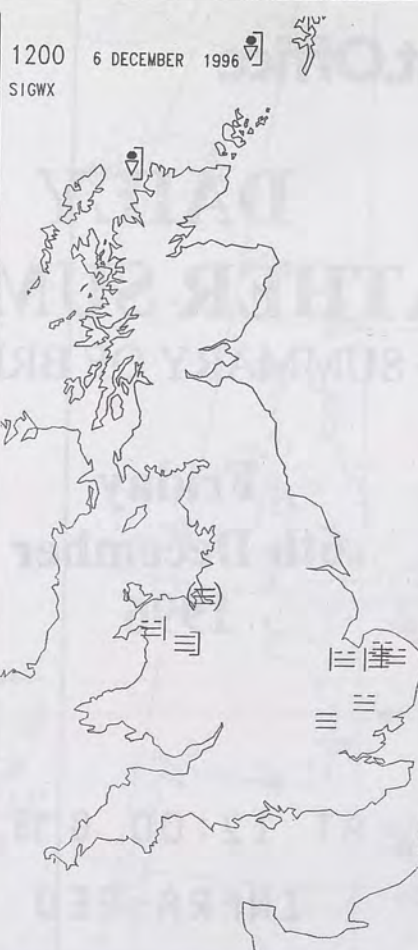
COLD  WARM



0600 6 DECEMBER 1996  
SIGWX



1200 6 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 6 DECEMBER 1996  
SIGWX



2400 6 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Friday 6th December 1996

A clear night across much of the northern half of the UK, more cloudy in the south. The odd light wintry shower occurred across northern and western parts of Scotland, otherwise it was dry. Patchy fog formed in many inland areas, and became widespread, dense and freezing in a few places.

During the day, the fog slowly cleared, with good spells of sunshine in a few places. Some parts of East Anglia, as well as central England saw the fog lingering through the day, whilst southern parts stayed cloudy and misty. It was generally dry, apart from the odd shower across northern and western parts of Scotland, and also in Lincolnshire around the middle of the day.

By the end of the afternoon, and during the first part of the evening, outbreaks of rain, spread from the English Channel into Kent and southeastern parts of Essex. The rain, generally light, stayed here through the first part of the night. Otherwise a dry night, clear across Wales, Scotland and Northern Ireland, but mist and fog reforming across other areas.

Temperatures generally were in the cold or very cold categories in many inland places, but near normal around coasts.

## EXTREMES

### FRIDAY 6th DECEMBER 1996

#### Highest Maximum

: 9.7 C Isles of Scilly

#### Lowest Maximum

: -0.5 C Capel Curig [ Gwynedd ]

#### Lowest Minimum

: -7.9 C Drumalbin [ Strathclyde ]

#### Lowest Grass Minimum

: -12.2 C Strathallan [ Tayside ]

#### Most Rain (24 hrs from 0900 GMT)

: 21.1mm Cape Wrath [ Northern Scotland ]

#### Most Sunshine

: 7.1 hrs St Mawgan [ Cornwall ]

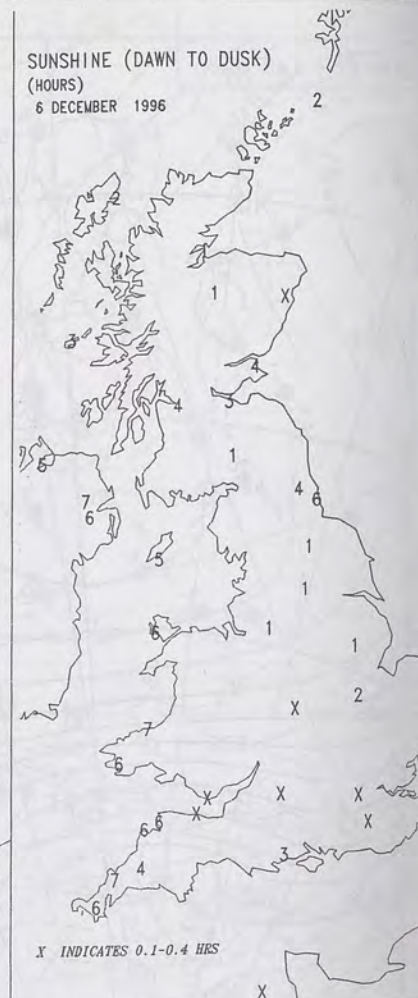
NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
6 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
6 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
6 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
6 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
6 DECEMBER 1996



6 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)





1800 6 DECEMBER 1996

SURFACE OBSERVATIONS

Map showing surface observations (pressure, temperature, and wind speed) across the British Isles and surrounding waters on 6 December 1996 at 1800. The map includes numerous data points marked by circles and numbers, indicating various weather stations and their readings.

Key observations include:

- Station 188: 41.0°N, 10°E, 1018.8 hPa, 5.186 m/s
- Station 186: 5.186 m/s
- Station 195: 3.195 m/s
- Station 166: 6.166 m/s
- Station 203: 1.203 m/s
- Station 271: 2.271 m/s
- Station 179: 7.179 m/s
- Station 184: 4.184 m/s
- Station 205: 3.205 m/s
- Station 213: 1.213 m/s
- Station 237: -0.237 m/s
- Station 239: -2.239 m/s
- Station 222: 4.222 m/s
- Station 234: 2.234 m/s
- Station 220: 1.220 m/s
- Station 234: 2.234 m/s
- Station 235: 2.235 m/s
- Station 231: 2.231 m/s
- Station 235: 3.235 m/s
- Station 233: 1.233 m/s
- Station 222: 2.222 m/s
- Station 221: 4.221 m/s
- Station 212: 2.212 m/s
- Station 225: 3.225 m/s
- Station 229: 2.229 m/s
- Station 189: 8.189 m/s
- Station 51: 5.1 m/s
- Station 209: 7.209 m/s



NOT FOR LOAN

DUPLICATE ALSO

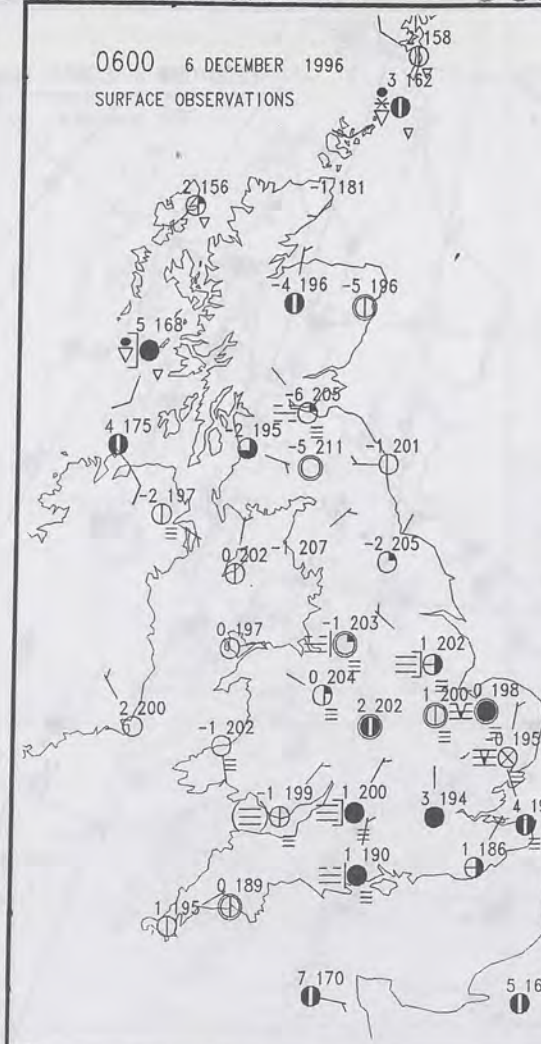
2400 6 DECEMBER 1996  
SURFACE OBSERVATIONS



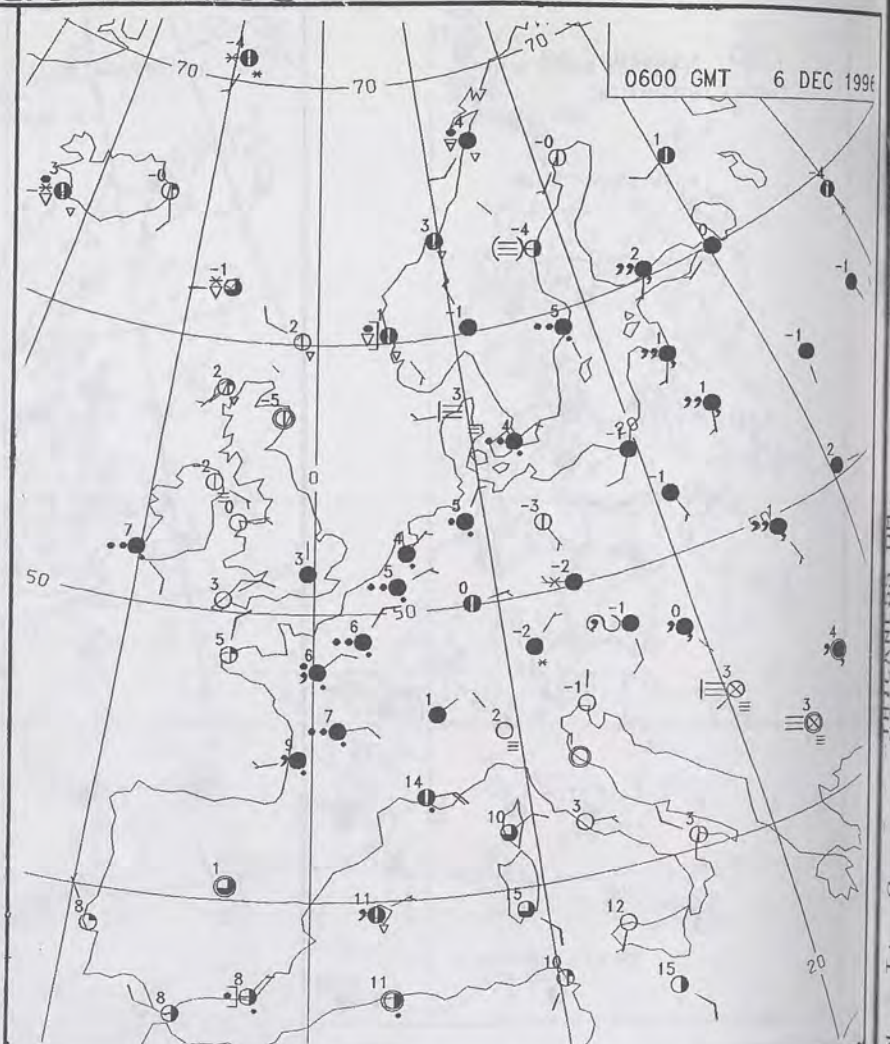
0000 GMT 7 DEC 1996



0600 6 DECEMBER 1996  
SURFACE OBSERVATIONS

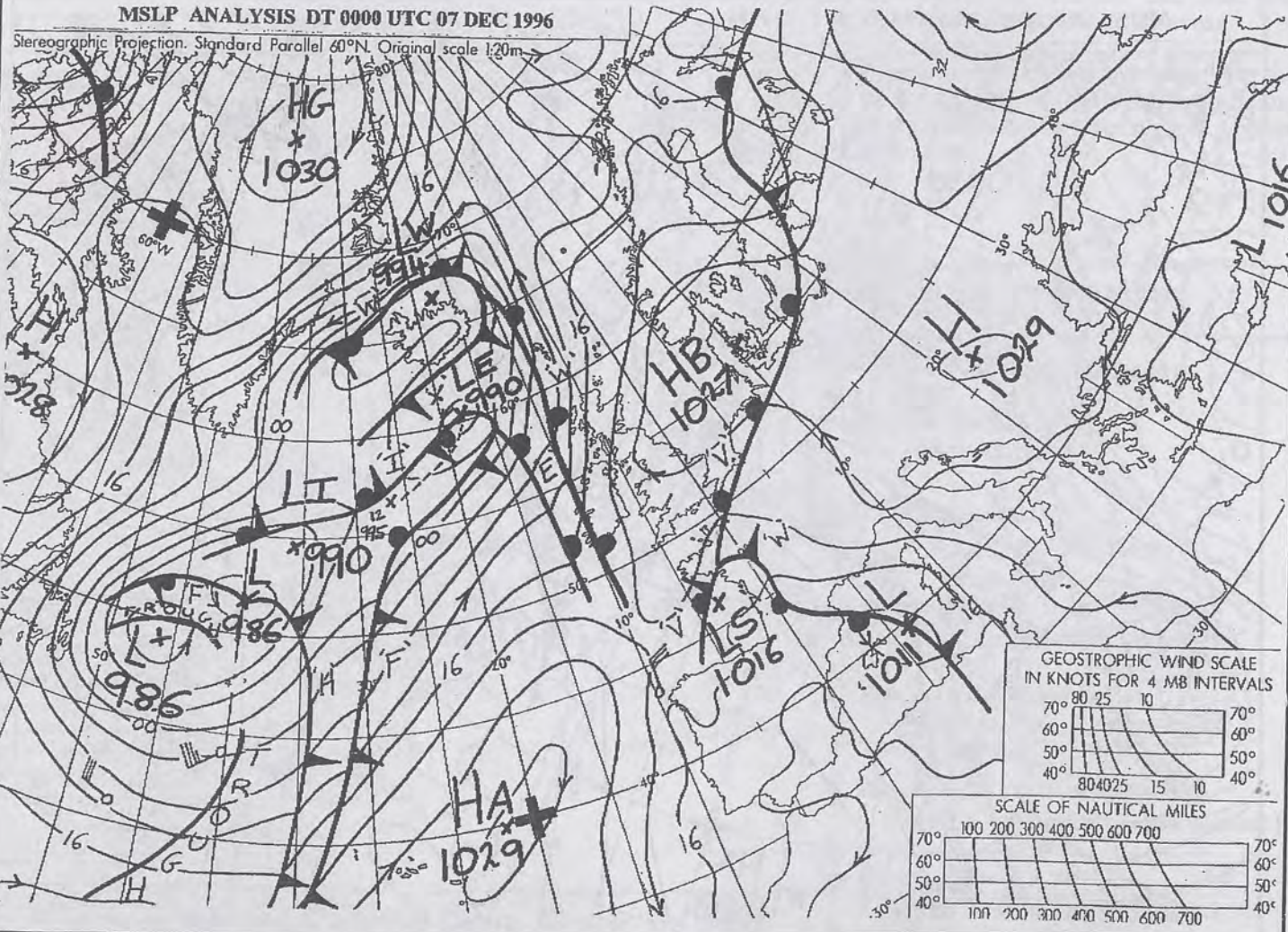


0600 GMT 6 DEC 1996



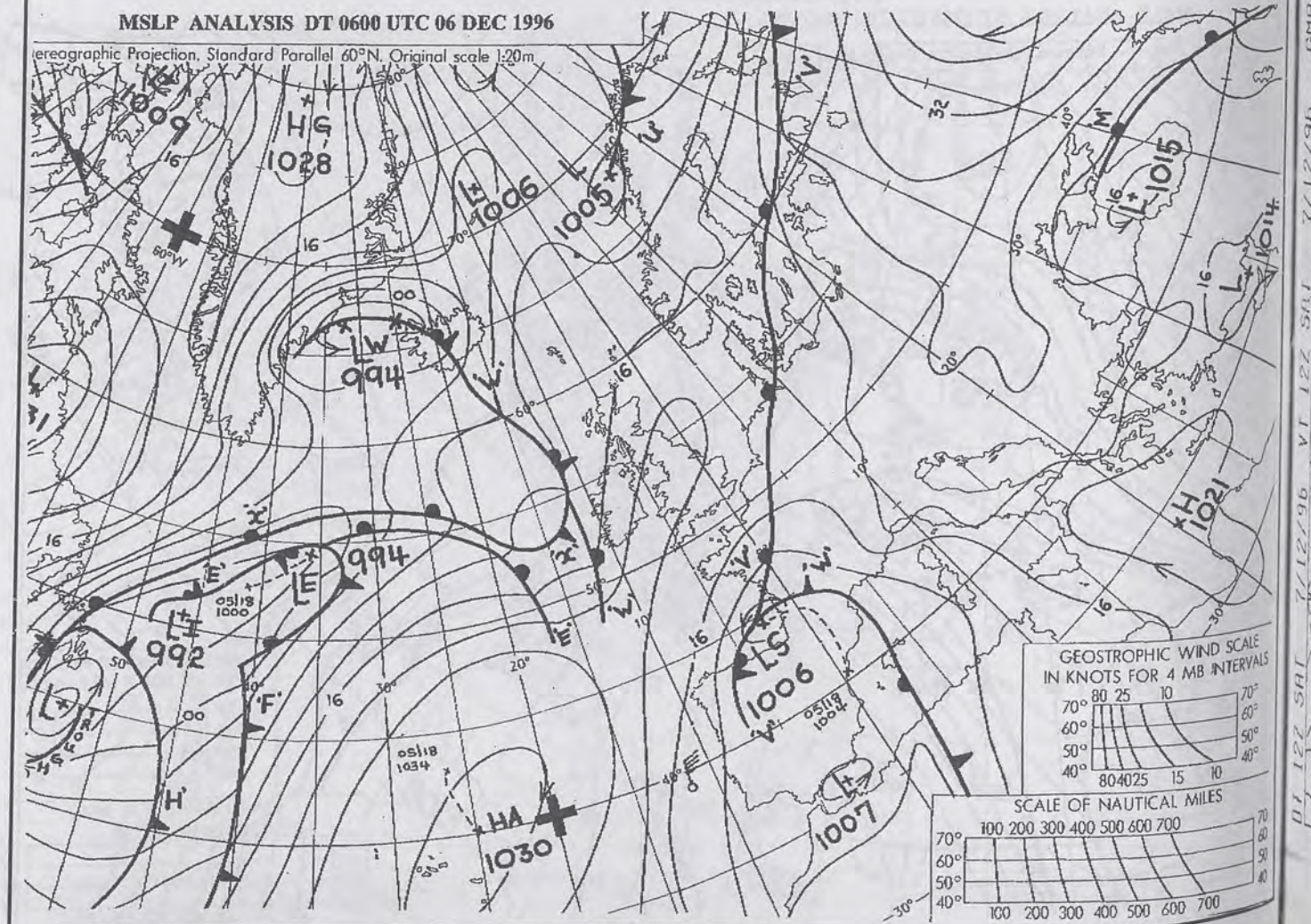
MSLP ANALYSIS DT 0000 UTC 07 DEC 1996

Stereographic Projection, Standard Parallel 60°N, Original scale 1:20m



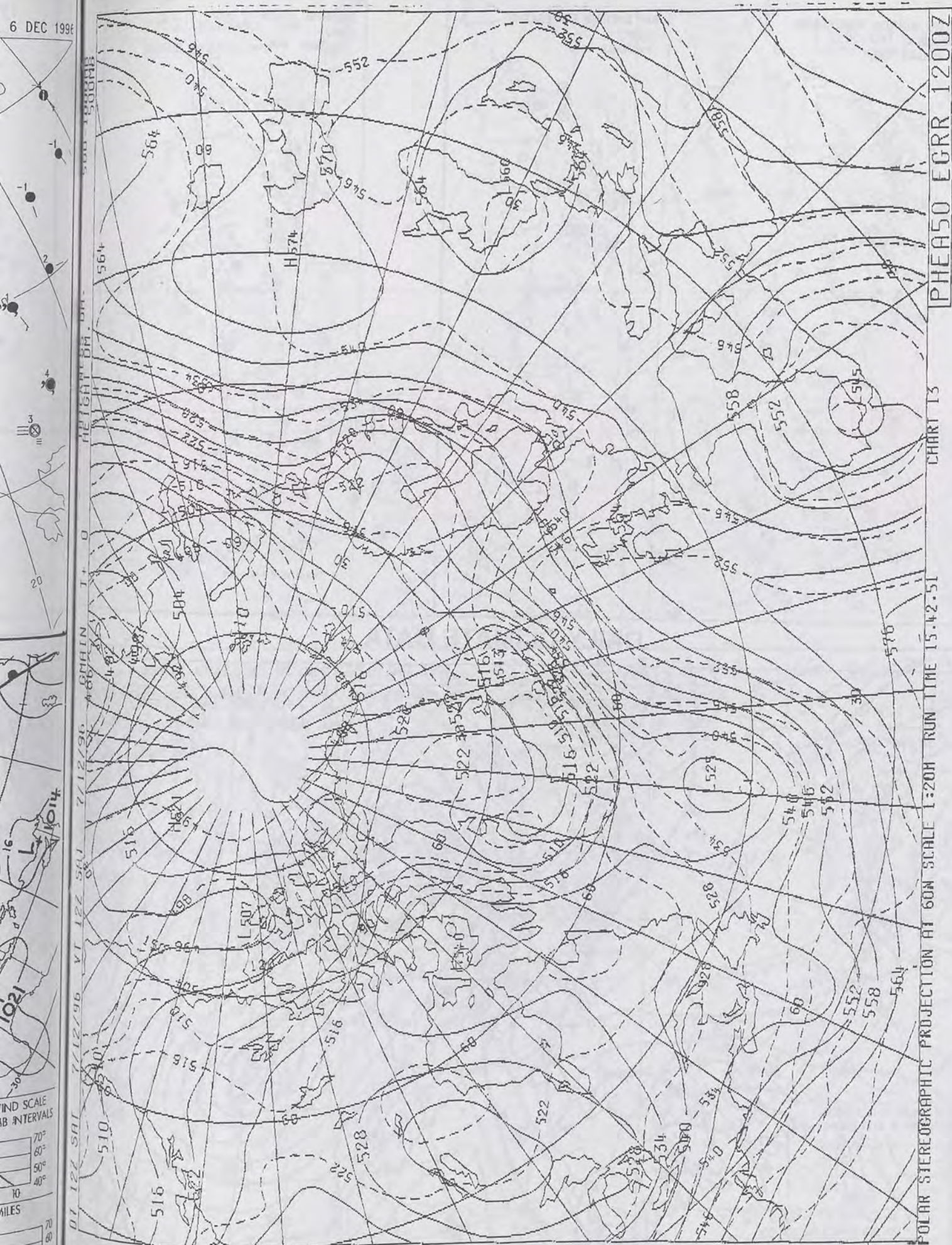
MSLP ANALYSIS DT 0600 UTC 06 DEC 1996

Stereographic Projection, Standard Parallel 60°N, Original scale 1:20m





6 DEC 1996



The Met. Office

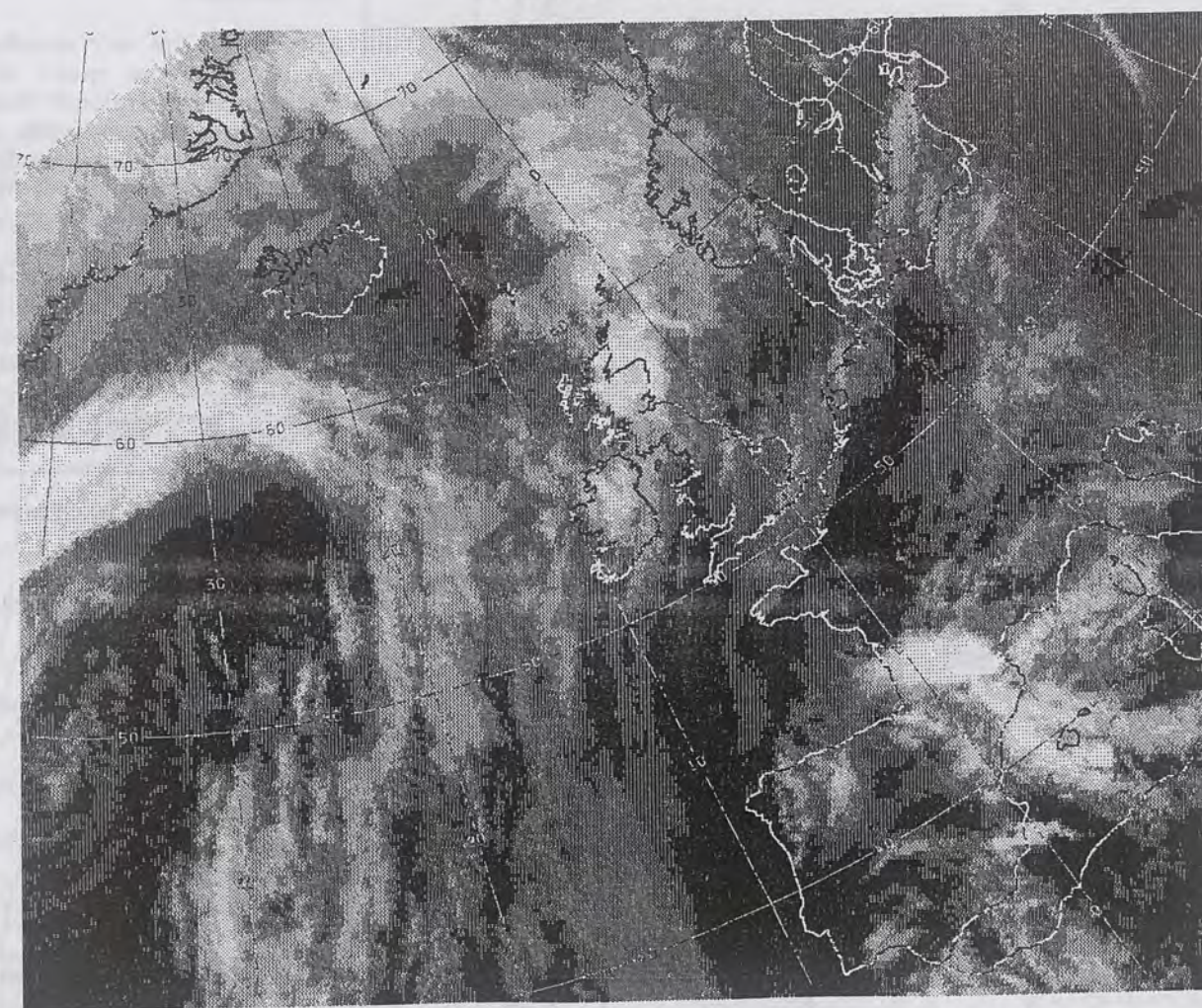
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Saturday  
7th December  
1996

NATIONAL  
METEOROLOGICAL  
20 DEC 1996  
LIBRARY

METEOSAT AT 12:00 GMT ON 07/12/96  
INFRA-RED





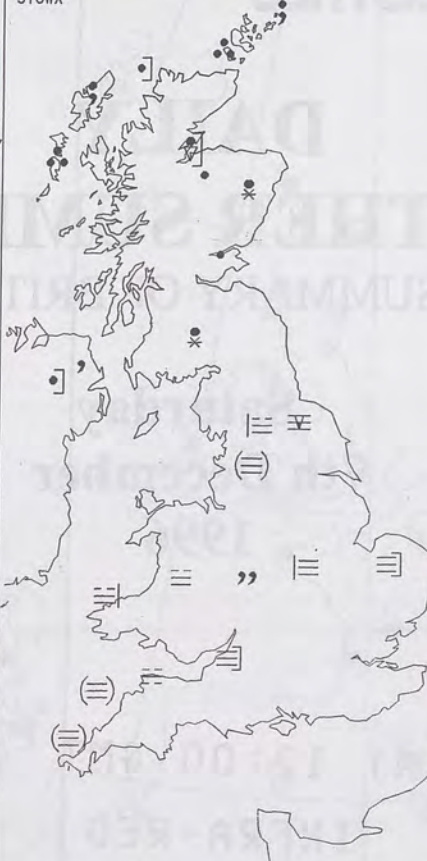
0600 7 DECEMBER 1996

SIGWX



1200 7 DECEMBER 1996

SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 7 DECEMBER 1996

SIGWX



2400 7 DECEMBER 1996

SIGWX



## Summary of UK weather for Saturday 7th December 1996

Central and eastern parts of England had a mainly cloudy and misty night with a little drizzle in the far southeast; widespread fog developed during the early hours, along with freezing fog in the east. Wales and western England had long clear spells at first but mist and fog also developed here later in the night. Scotland and Northern Ireland had mostly broken cloud and dry weather, but rain spread into the western fringes, becoming heavy at times over the Western Isles. A widespread frost affected eastern England and eastern Scotland.

During the day the fog was slow to clear in places and many central parts of England remained grey into the afternoon. Most of the United Kingdom had a cloudy, overcast day although western coasts of England and Wales were brighter with some sunshine. Outbreaks of rain affected Scotland and Northern Ireland, with sleet in places and the heaviest rainfall in the far north and west of the mainland.

After dark the wet weather became persistent across much of Scotland and Northern Ireland. England and Wales were overcast with widespread mist and fog patches thickening once more. Isolated spots of drizzle also affected some southern parts.

Temperatures were mainly rather cold, but locally very cold where the fog persisted in northeast England. Western Scotland was mild.

## EXTREMES

## SATURDAY 7th DECEMBER 1996

## Highest Maximum

: 11.9 C Altnaharra [ Highland ]

## Lowest Maximum

: -0.9 C Coningsby [ Lincolnshire ]

## Lowest Minimum

: -7.1 C Eskdalemuir  
[ Dumfries and Galloway ]

## Lowest Grass Minimum

: -11.0 C Eskdalemuir

## Most Rain (24 hrs from 0900 GMT)

: 31.2mm Waterstein [ Isle of Skye ]

## Most Sunshine

: 6.1 hrs Gawlish [ Devon ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
7 DECEMBER 1996DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
7 DECEMBER 1996SUNSHINE (DAWN TO DUSK)  
(HOURS)  
7 DECEMBER 1996

X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
7 DECEMBER 1996

X INDICATES TRACE TO 0.4 MM

DAY RAINFALL  
(MILLIMETRES)  
7 DECEMBER 1996

X INDICATES TRACE TO 0.4 MM

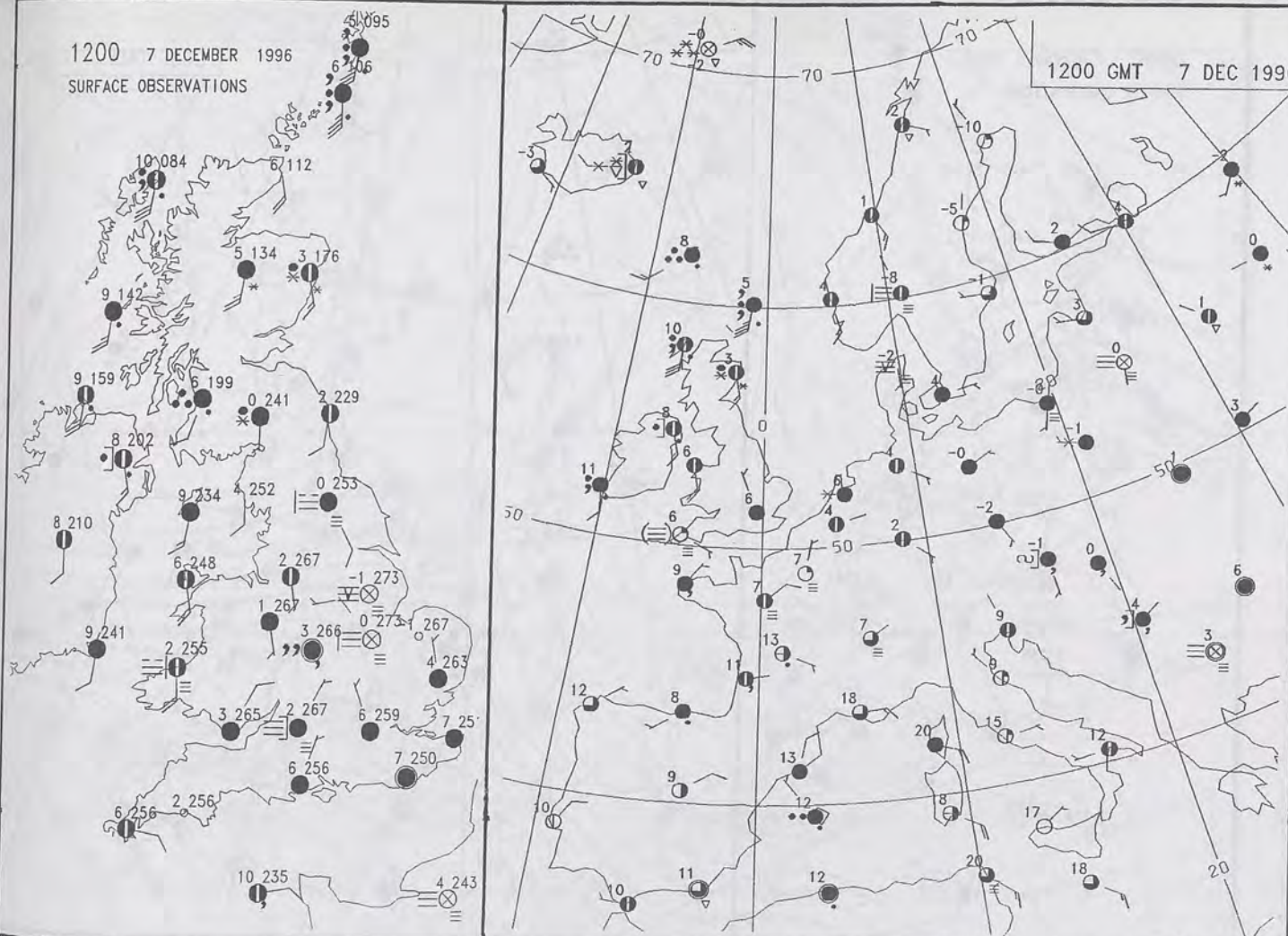
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)  
7 DECEMBER 1996

X INDICATES TRACE TO 0.4 CM



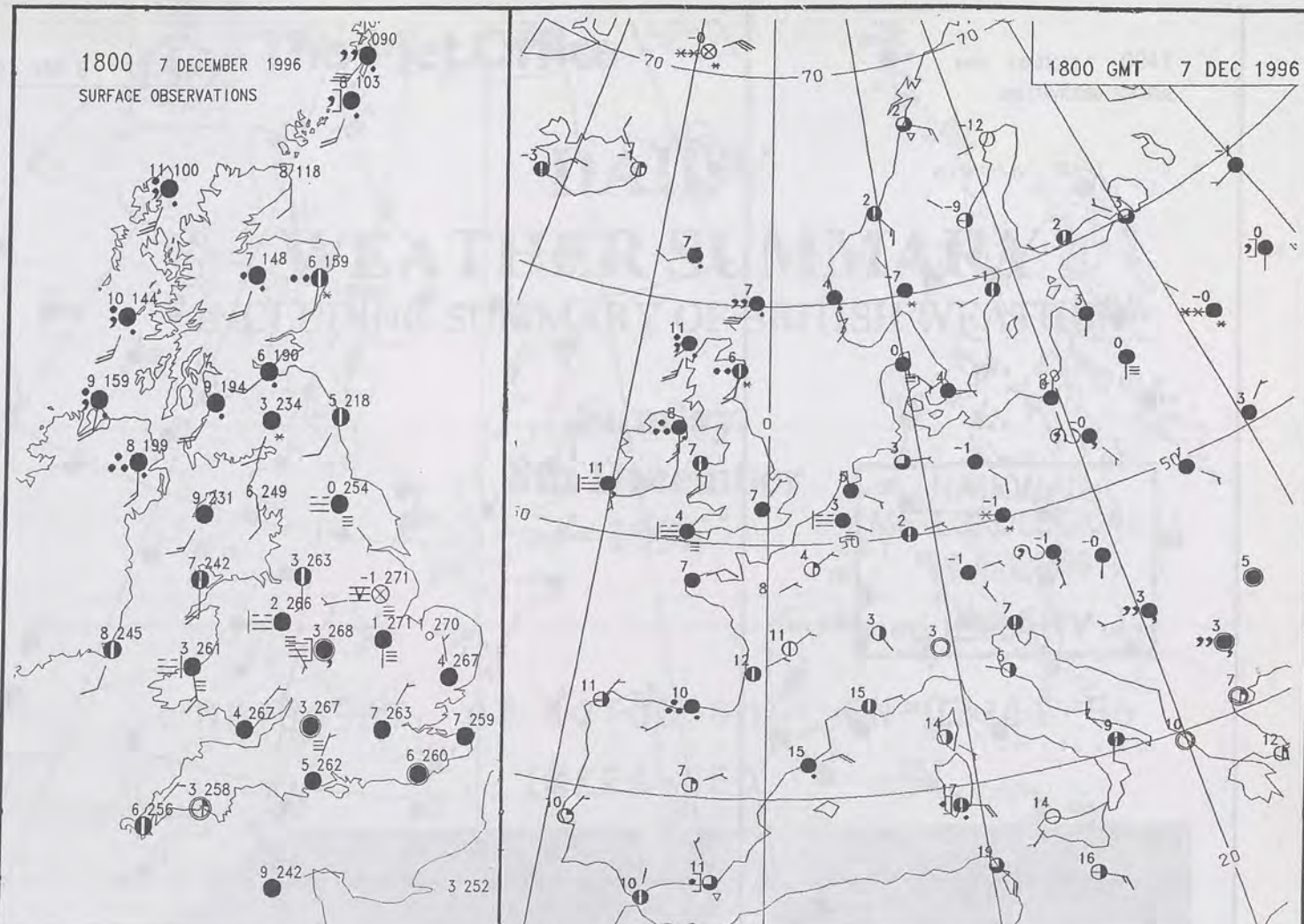
1200 7 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 7 DEC 1996



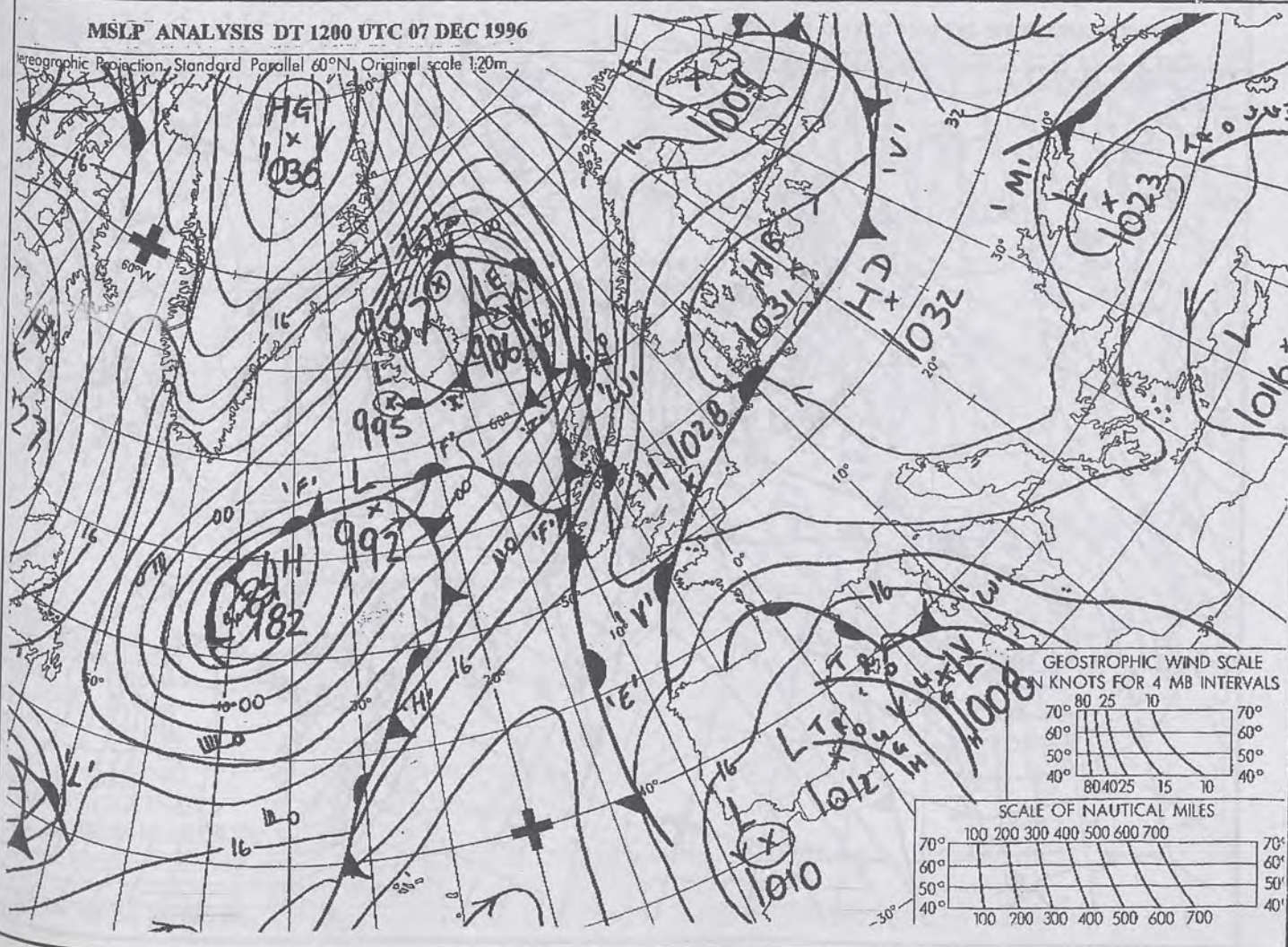
1800 7 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 7 DEC 1996



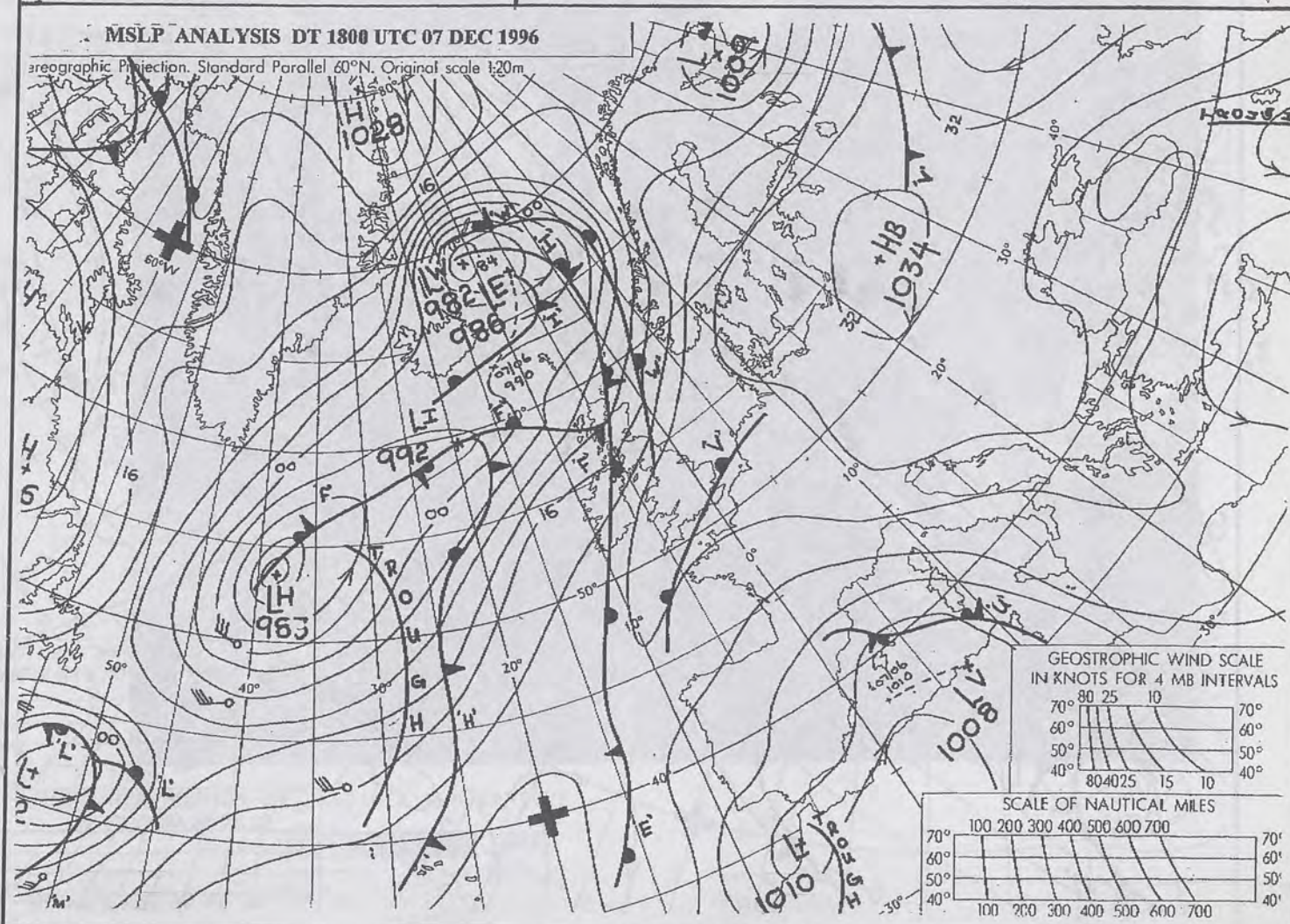
MSLP ANALYSIS DT 1200 UTC 07 DEC 1996

Merographic Projection, Standard Parallel 60°N, Original scale 1:20m

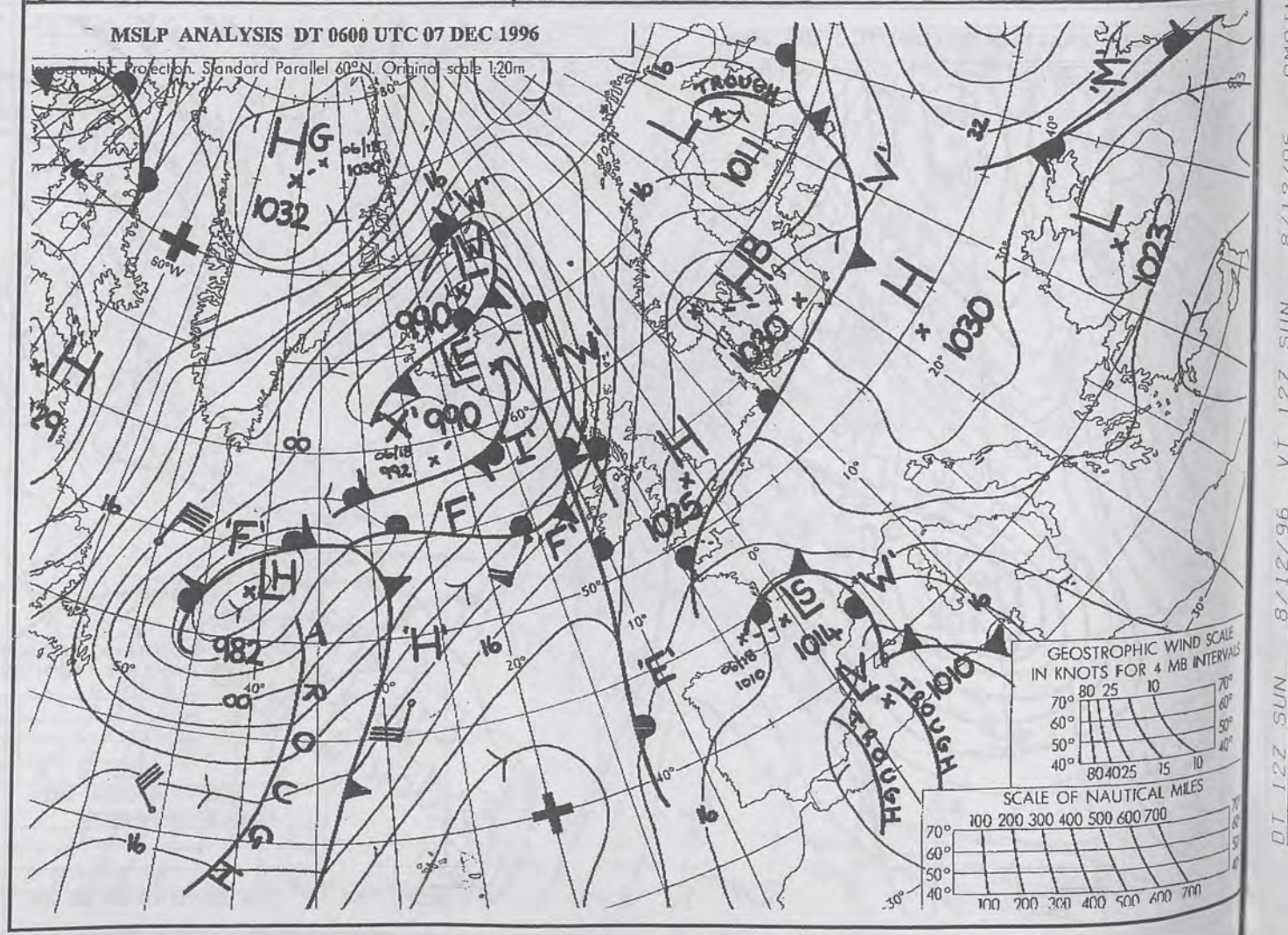
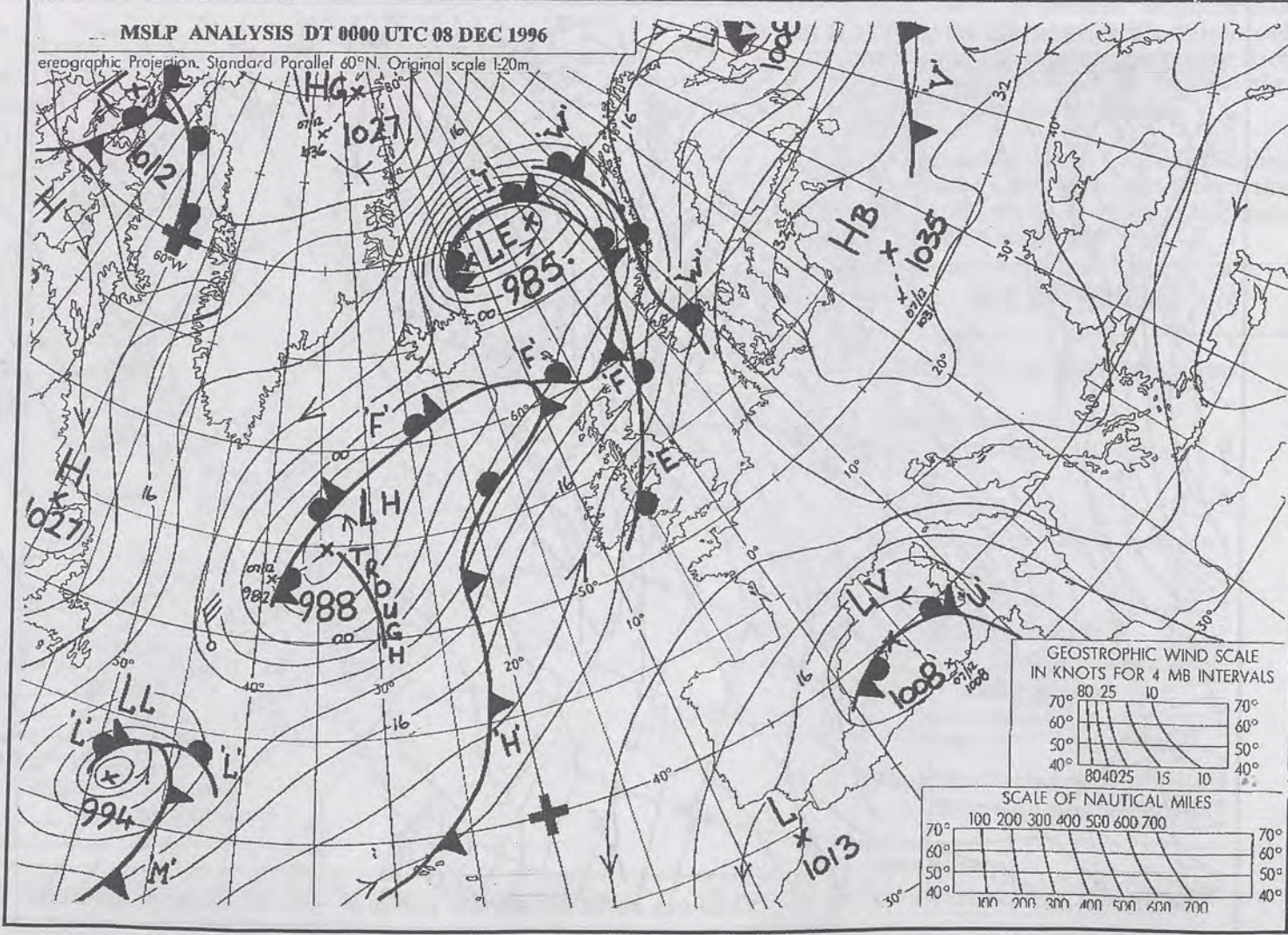
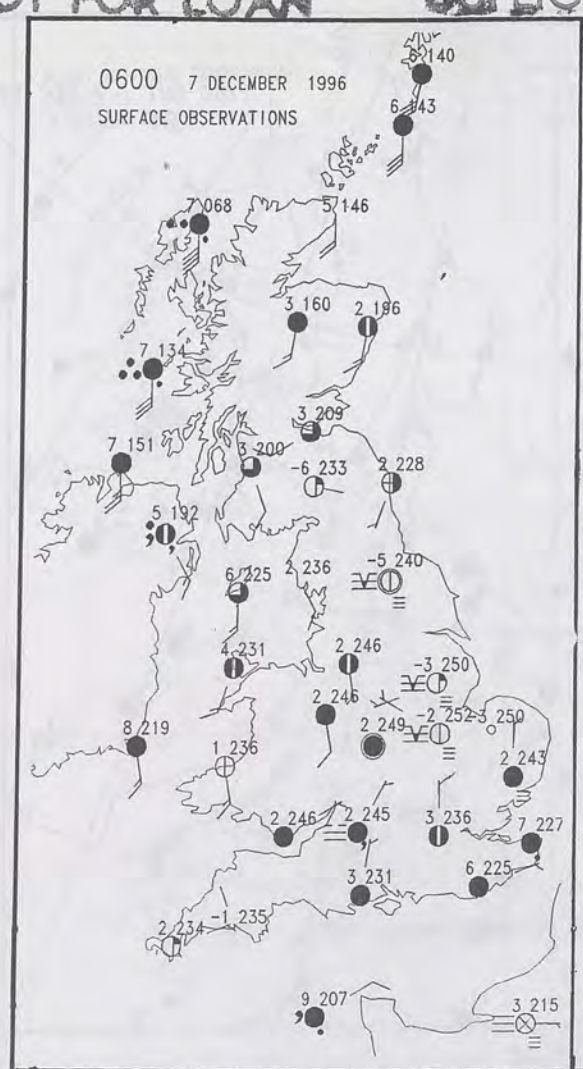
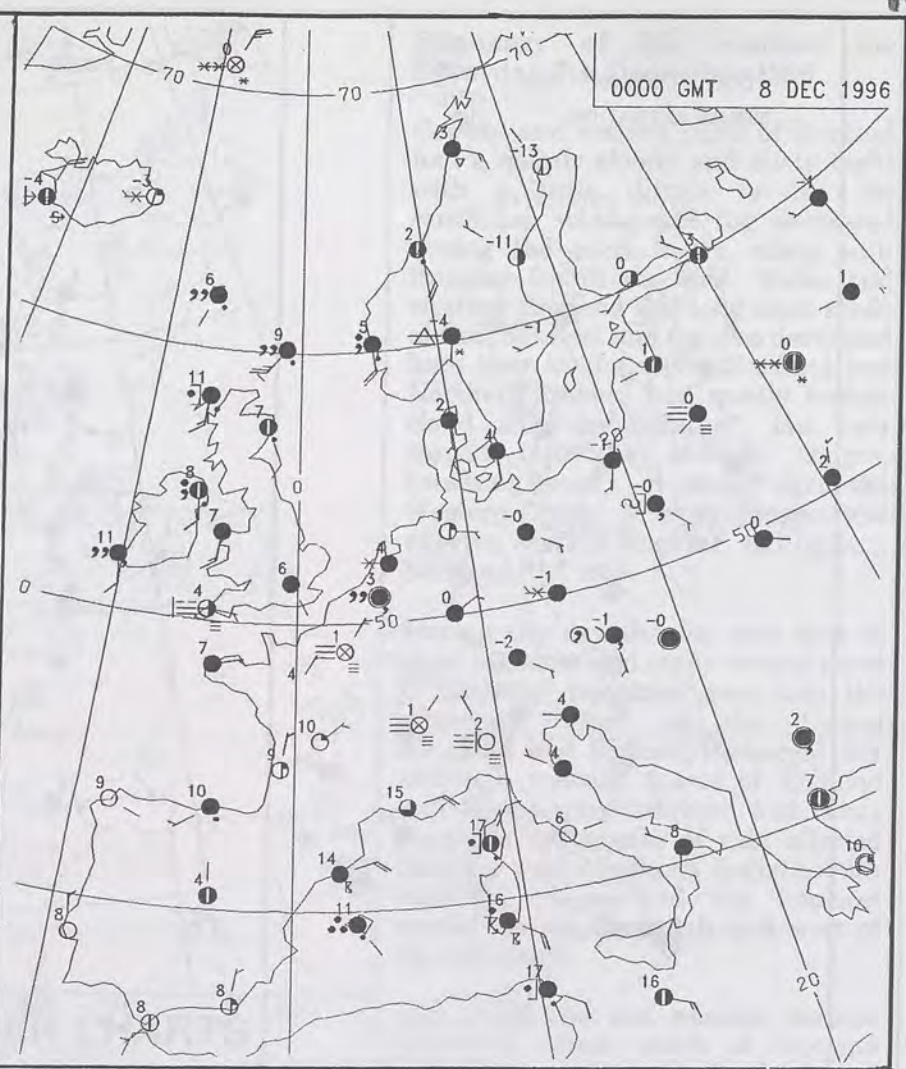
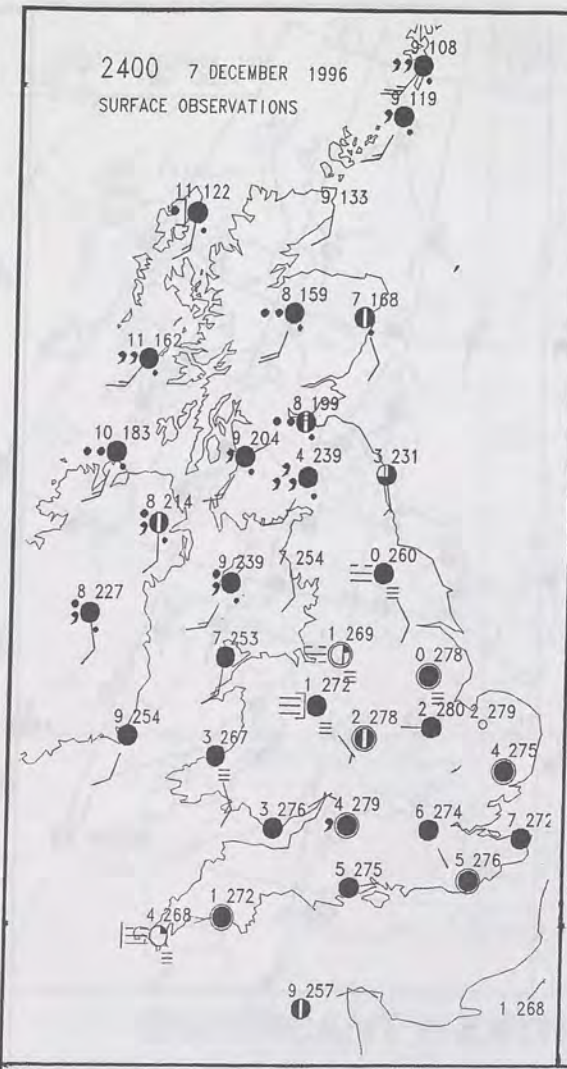


MSLP ANALYSIS DT 1800 UTC 07 DEC 1996

Merographic Projection, Standard Parallel 60°N, Original scale 1:20m

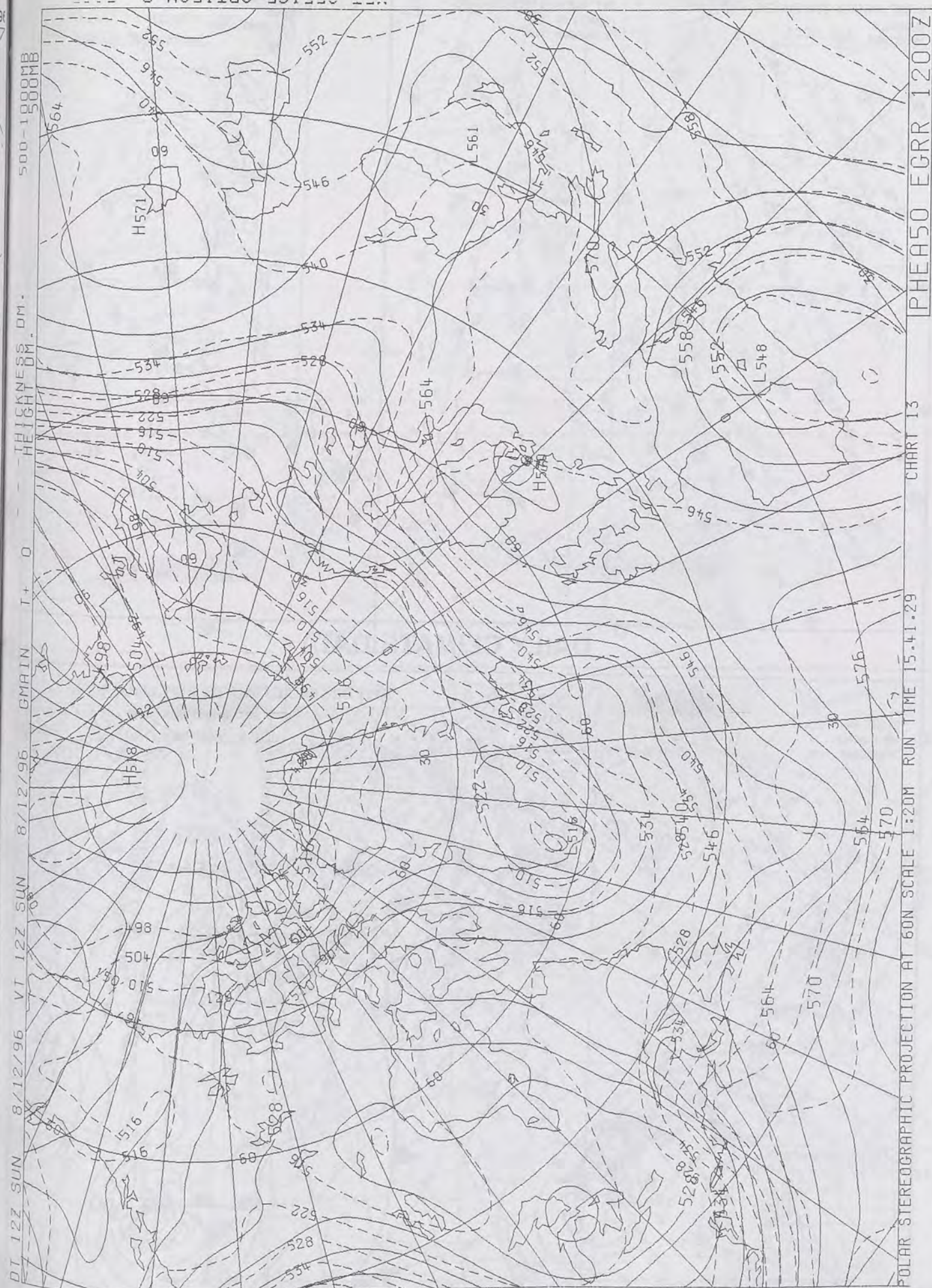






DT 12Z SUN 8/12/96 VI 12Z SUN 8/12/96 GRAIN T+ 0 HEIGHT DM. 500-1980MB 564





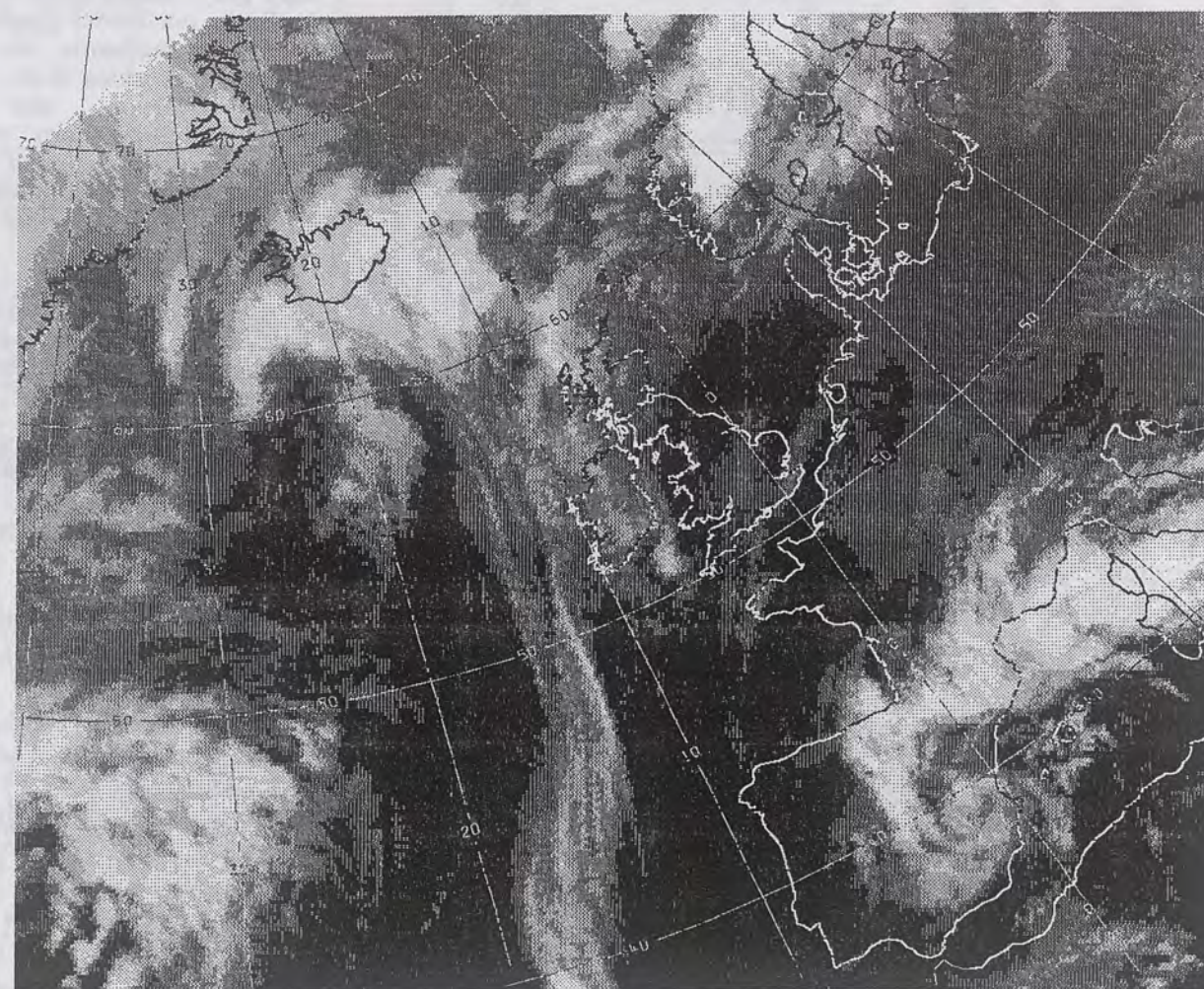
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

**Sunday  
8th December  
1996**

NATIONAL  
METEOROLOGICAL  
20 DEC 1996  
LIBRARY

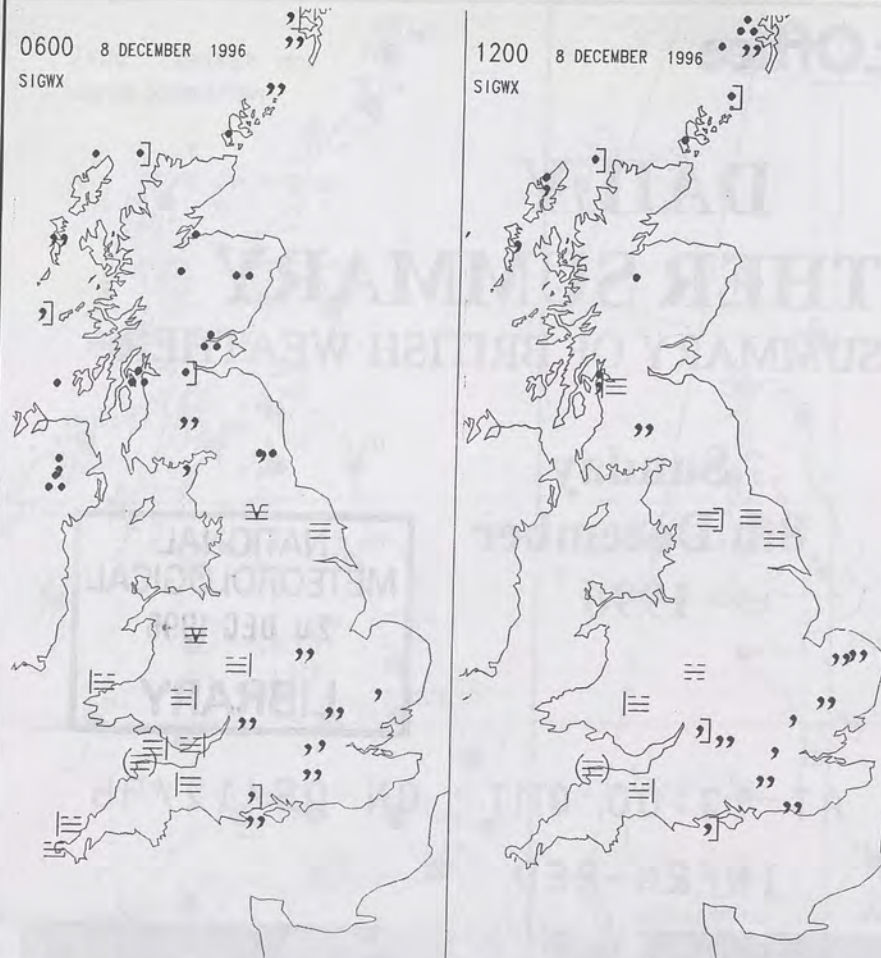
METEOSAT AT 12:00 GMT ON 08/12/96  
INFRA-RED



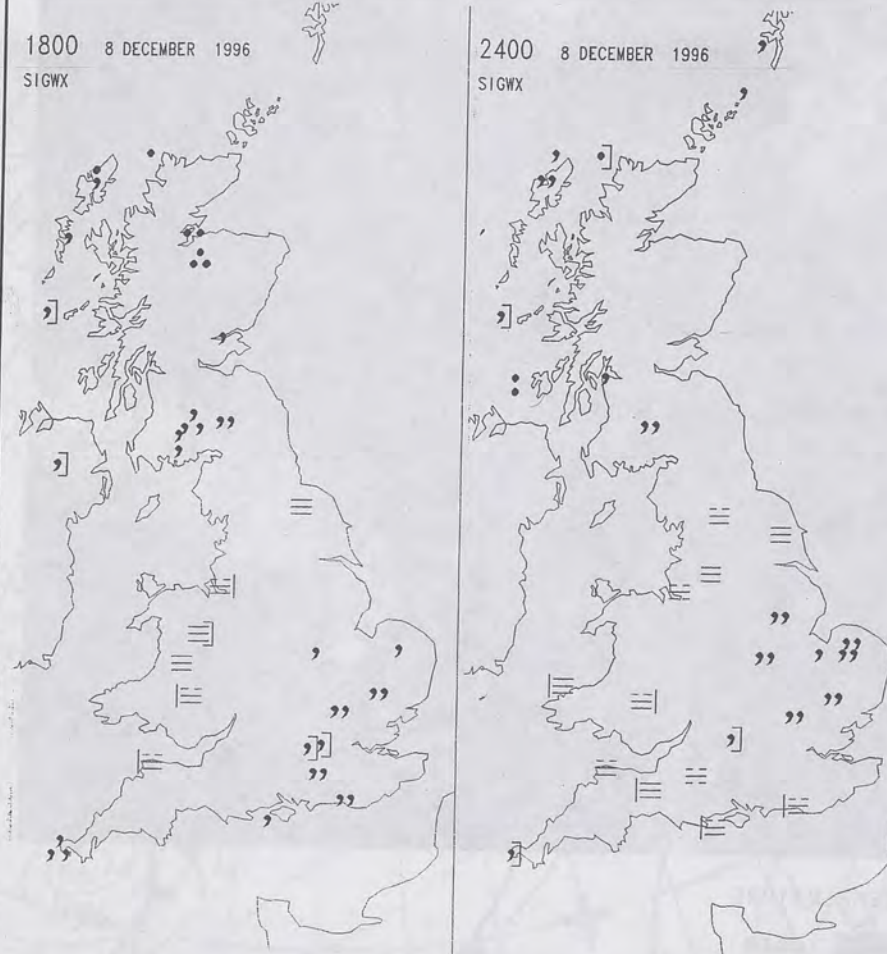
CLOUD-TOP OR LAND/SEA TEMPERATURE

COLD  WARM





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Sunday 8th December 1996

Most of Scotland and Northern Ireland had a mild, breezy, cloudy night with outbreaks of rain and drizzle. Southeast Scotland was rather cold initially but slowly turned milder. England and Wales were mostly dry apart from occasional patches of drizzle in central and southern counties. It was a very misty night with fog patches in many areas, some dense and freezing in northern England and the Midlands.

During the morning Scotland and Northern Ireland had further outbreaks of rain and drizzle, but some drier spells developed in the afternoon, especially in southern and eastern counties. There was a little brightness in places too. Most of England and east Wales had a dull, cold, misty day with further patches of drizzle in East Anglia, southeast England and the south Midlands. The freezing fog in northern areas slowly thinned in many places during the late morning, although it was still very grey. There were some brighter spells in northwest England and the northwest midlands, but in general the brighter skies were reserved for Wales, Devon and Cornwall, particularly northern and western coasts. Dense patches of fog returned to northern England, east Wales and the Midlands during the early evening.

It was mild or very mild in most of Scotland and Northern Ireland. England and Wales were cold or rather cold.

## EXTREMES

### SUNDAY 8th DECEMBER 1996

#### Highest Maximum

: 12.8 C Altnaharra [ Highland ]

#### Lowest Maximum

: 1.3 C Shobdon [ Hereford & Worcester ]

#### Lowest Minimum

: -3.2 C Newcastle on Clun [ Shropshire ]

#### Lowest Grass Minimum

: -5.5 C Moel - Y - Crio [ Clwyd ]

#### Most Rain (24 hrs from 0900 GMT)

: 15.9mm Kilmory [ Southwest Highland ]

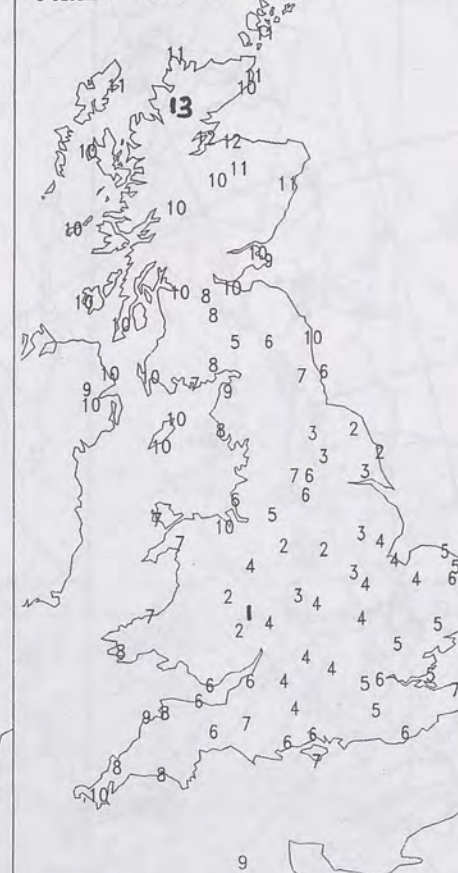
#### Most Sunshine

: 5.1 hrs Colwyn Bay and Moel - Y - Crio [ Clwyd ]

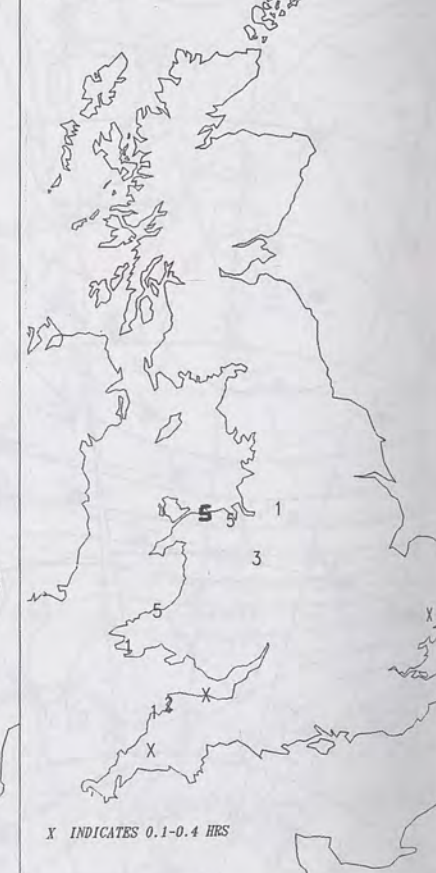
NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
8 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
8 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
8 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
8 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
8 DECEMBER 1996



TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)  
8 DECEMBER 1996





Map of the East China Sea showing 15 numbered locations (1-15) with corresponding data points. The map includes the Korean Peninsula, Japan, and the Bohai Sea. Locations 1-15 are marked with symbols and numbers. A legend at the bottom right shows a circle with a cross and the number 1, and a circle with a dot and the number 2.

Location	Symbol	Value
1	Circle with cross	190
2	Circle with dot	220
3	Circle with cross	267
4	Circle with cross	272
5	Circle with cross	270
6	Circle with cross	270
7	Circle with cross	261
8	Circle with cross	270
9	Circle with cross	220
10	Circle with cross	267
11	Circle with cross	270
12	Circle with cross	271
13	Circle with cross	272
14	Circle with cross	270
15	Circle with cross	257

**MSLP ANALYSIS DT 1200 UTC 08 DEC 1996**

Geographic Projection. Standard Parallel 60°N. Original Scale 1:20M.

**GEOSTROPHIC WIND SCALE IN KNOTS FOR 4 MB INTERVALS**

Pressure (mb)	70°	60°	50°	40°
80	10	15	20	25
70	10	15	20	25
60	10	15	20	25
50	10	15	20	25
40	10	15	20	25

**SCALE OF NAUTICAL MILES**

Distance (nm)	70°	60°	50°	40°
100	100	100	100	100
200	200	200	200	200
300	300	300	300	300
400	400	400	400	400
500	500	500	500	500
600	600	600	600	600
700	700	700	700	700

MSLP ANALYSIS DT 1800 UTC 08 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:100,000

Key features on the map include:

- High-pressure system (H) over the North Atlantic with a pressure of 1030.
- Low-pressure system (L) over the Gulf of Mexico with a pressure of 989.
- Trough (T) over the Caribbean with a pressure of 989.
- Cold front (CF) and warm front (WF) extending from the low-pressure system.
- Isobars and isotherms shown across the map.

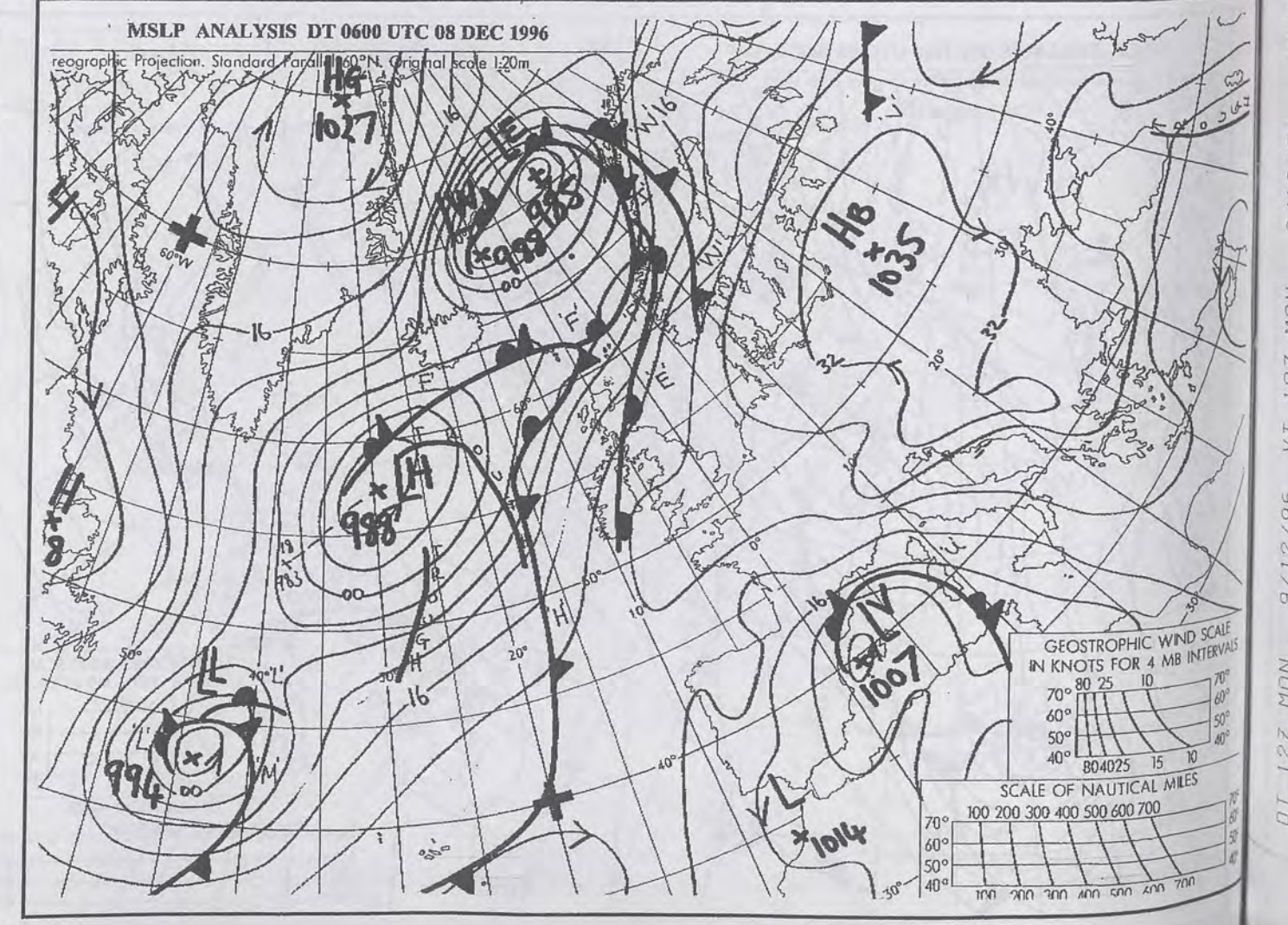
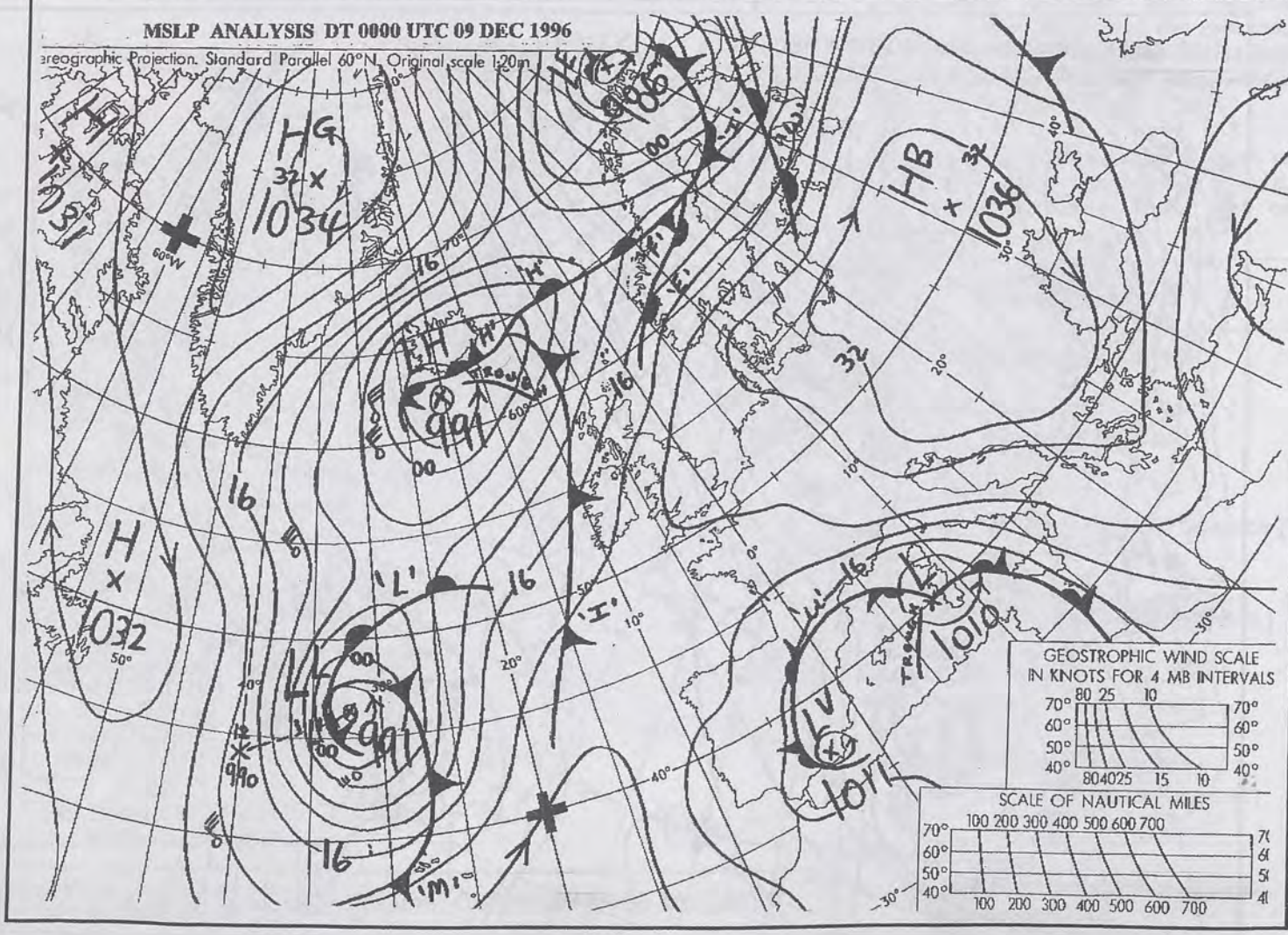
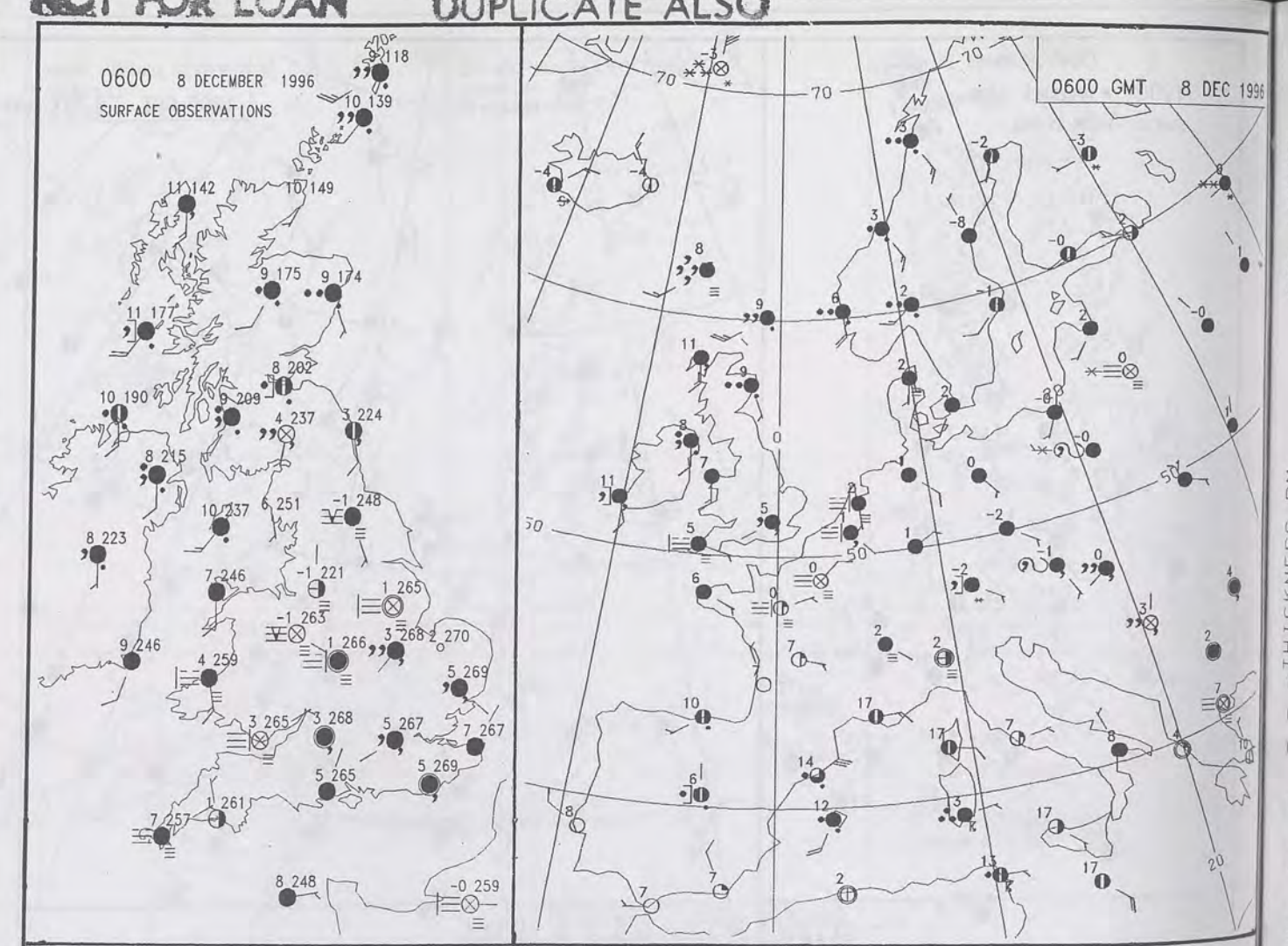
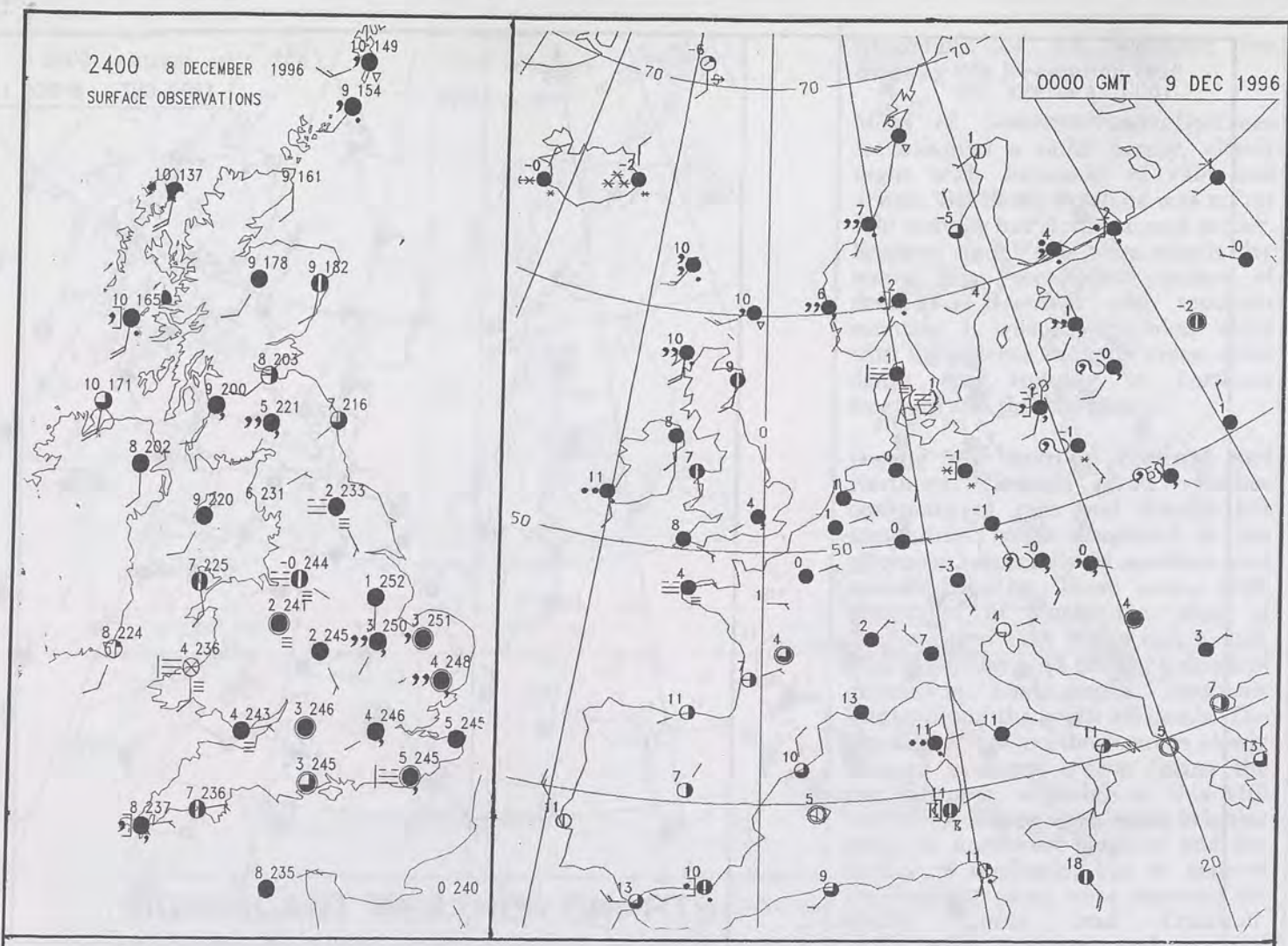
Geostrophic Wind Scale in knots for 4 mb intervals:

Wind Speed (knots)	Isobar Interval (mb)
10	4
25	10
40	16
55	22
70	28

Scale of Nautical Miles:

Distance (nautical miles)	Scale
100	100
200	200
300	300
400	400
500	500
600	600
700	700



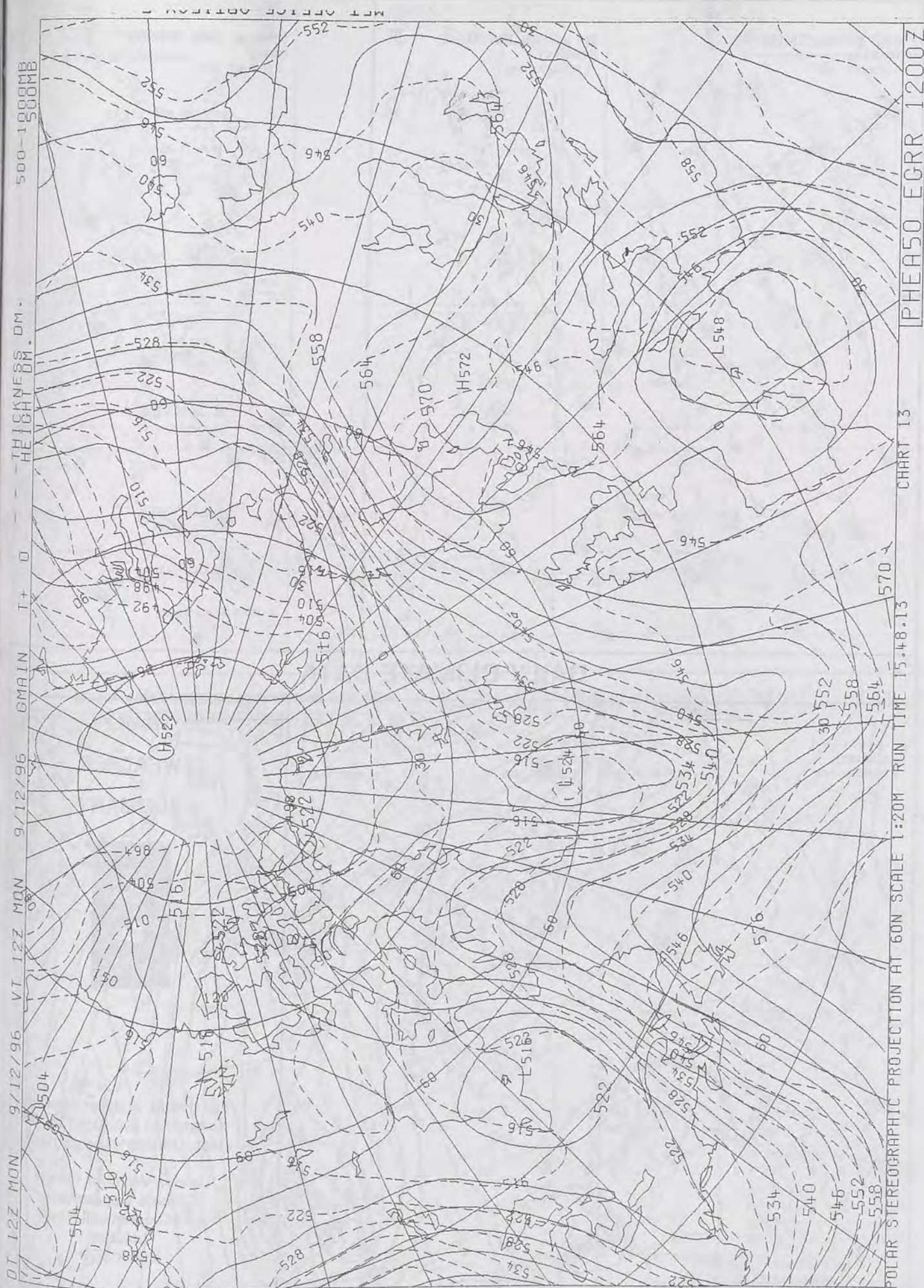
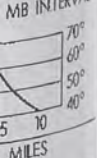


DT 12Z MON 9/12/96 VT 12Z MON 9/12/96 GMAIN T+ 0 - HEIGHT DM. 500-1500MB



8 DEC 1996

WIND SCALE  
MB INTERVALS



The Met. Office

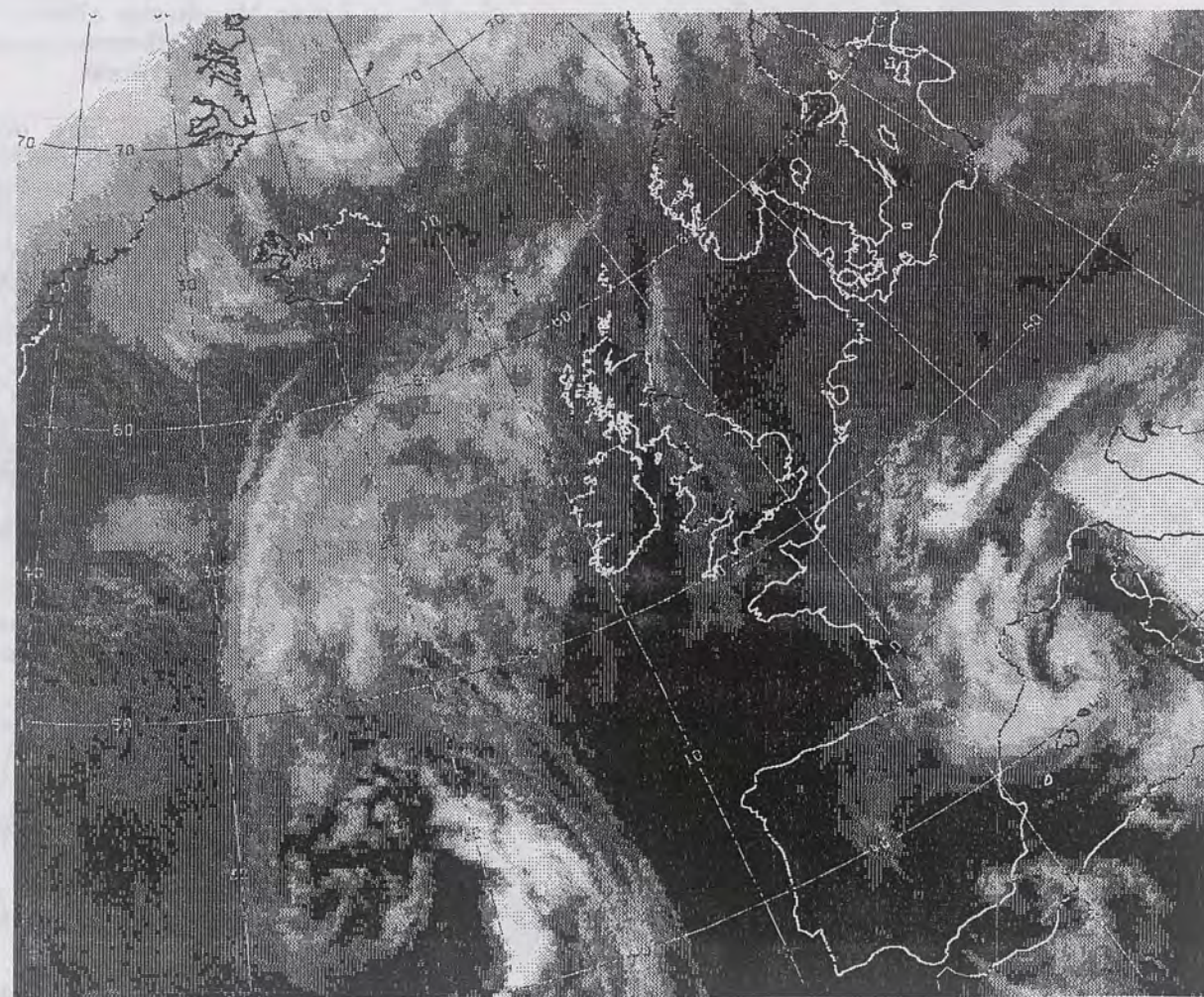
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Monday  
9th December  
1996

NATIONAL  
METEOROLOGICAL  
20 DEC 1996  
LIBRARY

METEOSAT AT 12:00 GMT ON 09/12/96  
INFRA-RED



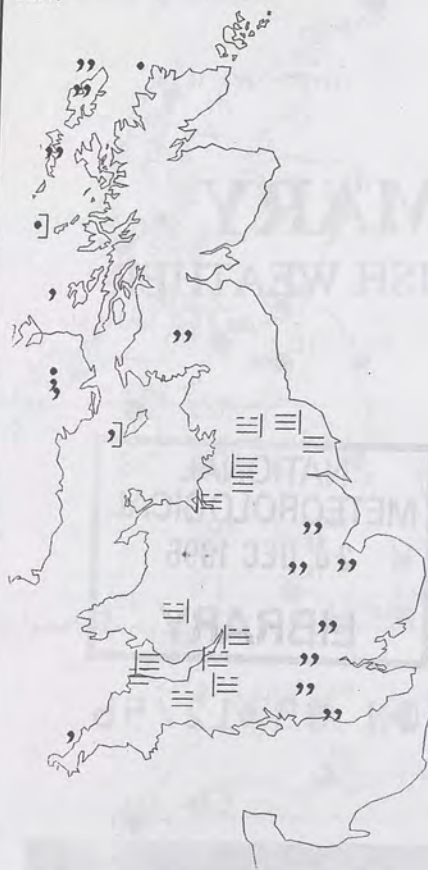
CLOUD-TOP OR LAND/SEA TEMPERATURE

COLD WARM



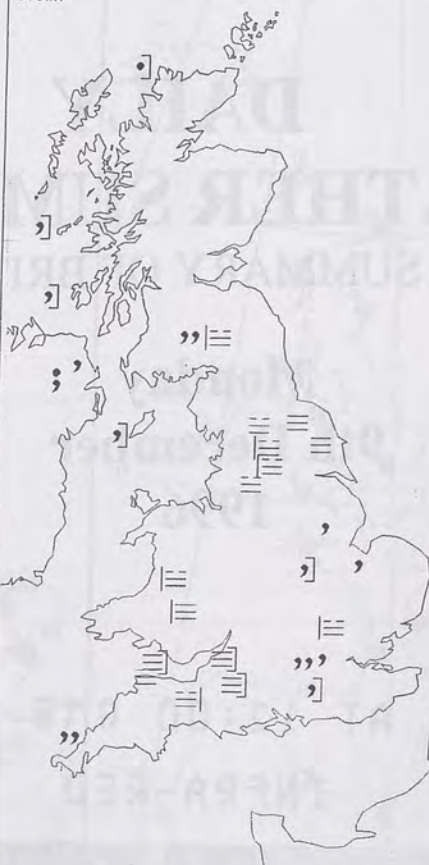
0600 9 DECEMBER 1996

SIGWX



1200 9 DECEMBER 1996

SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 9 DECEMBER 1996

SIGWX



2400 9 DECEMBER 1996

SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Monday 9th December 1996

It was a frost-free night nearly everywhere, and a very mild one over northwestern regions. Northern Ireland and the Scottish islands had some rain, and there was patchy drizzle elsewhere, mainly in the southeastern corner of England. It was also misty over many parts of England and Wales, with areas of thicker fog, especially over hills.

It was a cloudy, and often dull, day over much of the British Isles, and remained misty and murky over many parts of England and Wales, with drizzle in the southeast. Thicker patches of fog proved rather persistent in parts of east and northeast England. There was also a little further rain or drizzle over Northern Ireland and western and northern Scotland. There were, though, a few brighter spots, notably Bristol, Cardiff and Manchester, and northern Scotland.

In the evening, the more broken cloud over Manchester allowed thick fog to form here, otherwise most of the fog was in upland areas.

It was a mild day over most of Scotland and Northern Ireland, and very mild in parts of northern Scotland. Near western and southwestern coasts of England and Wales, temperatures were well up to normal, otherwise most of England and Wales was rather cold, and many places were cold.

## EXTREMES

## MONDAY 9th DECEMBER 1996

## Highest Maximum

: 12.0 C Lossiemouth [ Moray firth ]  
Greenock [ Strathclyde ]

## Lowest Maximum

: 1.2 C Bridlington [ Humberside ]

## Lowest Minimum

: -1.1 C Newcastle on Clun [ Shropshire ]

## Lowest Grass Minimum

: -5.7 C Moel - Y - Crio [ Clwyd ]

## Most Rain (24 hrs from 0900 GMT)

: 3.8mm Kilmory [ Southwest Highland ]

## Most Sunshine

: 3.5 hrs Kinloss [ Moray Firth ] and  
Bristol

## NIGHT MINIMUM TEMPERATURE

(DEGREES C)

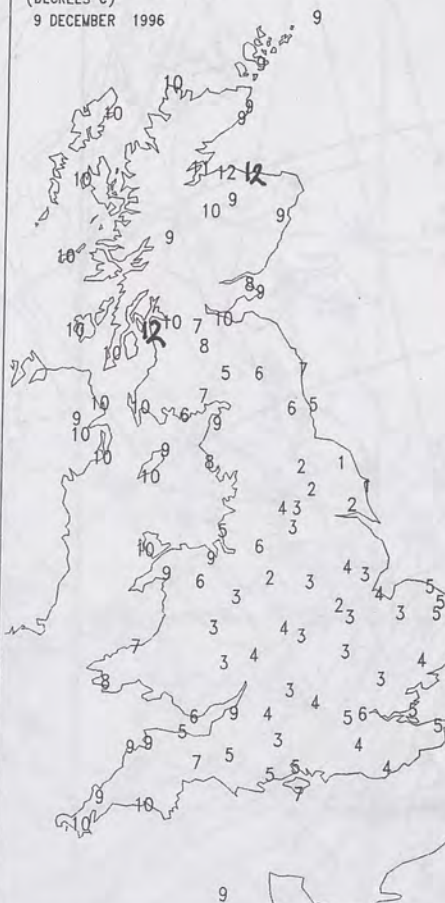
9 DECEMBER 1996



## DAY MAXIMUM TEMPERATURE

(DEGREES C)

9 DECEMBER 1996



## SUNSHINE (DAWN TO DUSK)

(HOURS)

9 DECEMBER 1996



## DAILY CLIMATE DATA

## NIGHT RAINFALL

(MILLIMETRES)

9 DECEMBER 1996



## DAY RAINFALL

(MILLIMETRES)

9 DECEMBER 1996

DAILY  
WEATHER  
SUMMARY

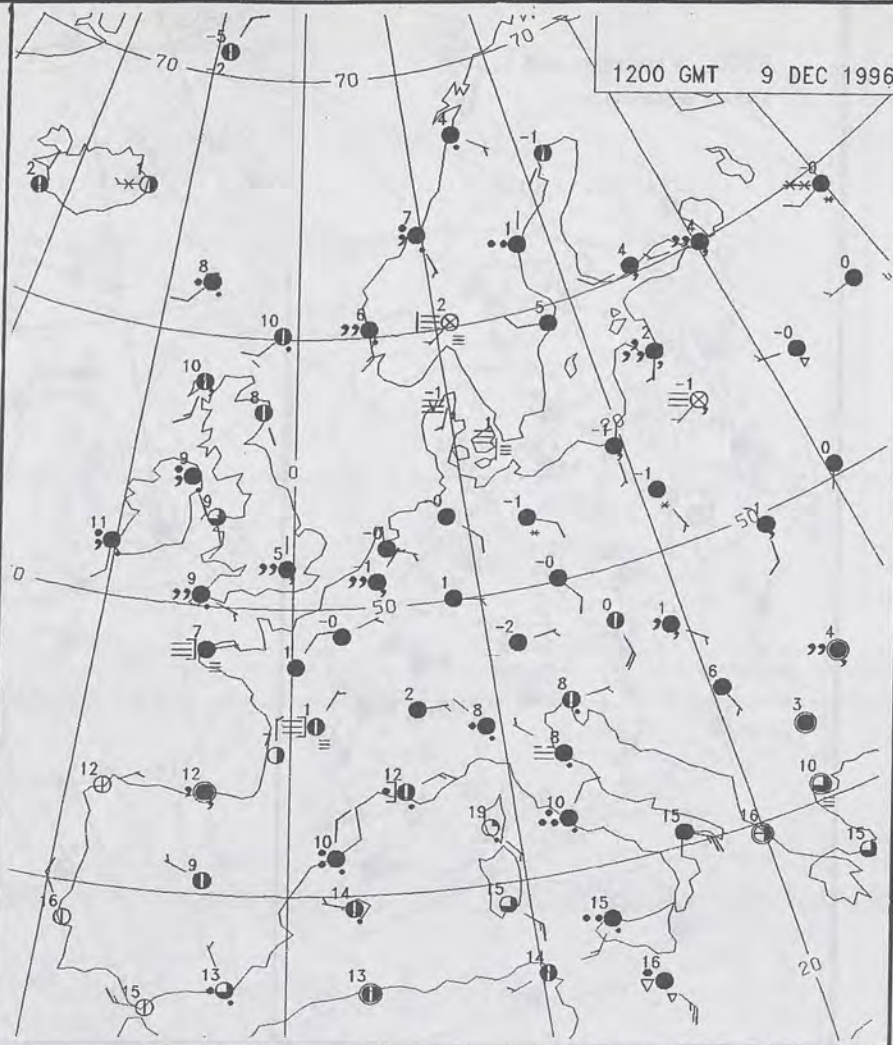
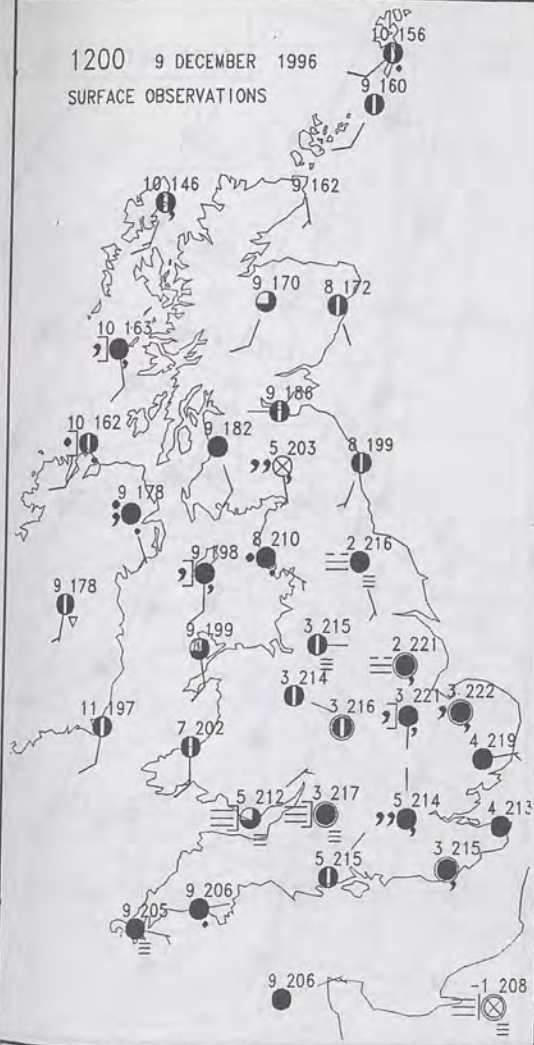
For details of other Weather  
Summaries produced by the  
Met. Office please contact:

London Weather Centre  
Climate Department  
127 Clerkenwell Road  
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EC1R 5DB

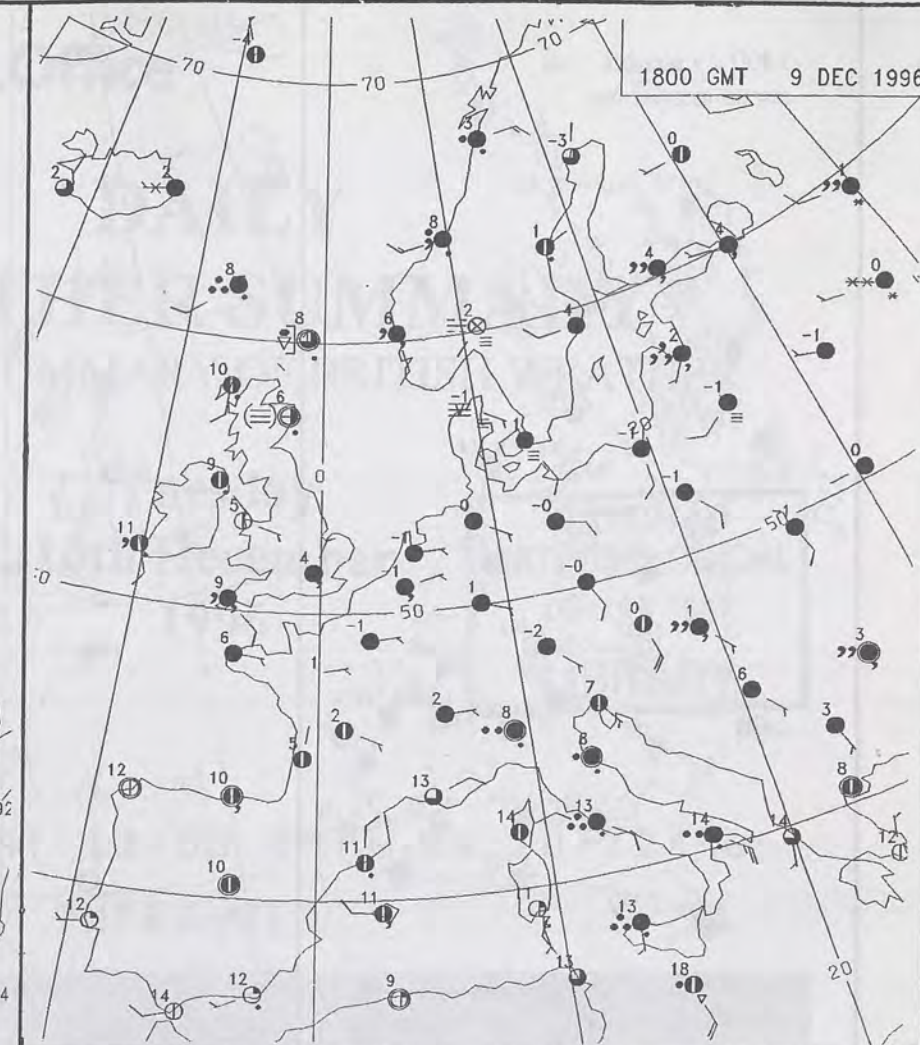
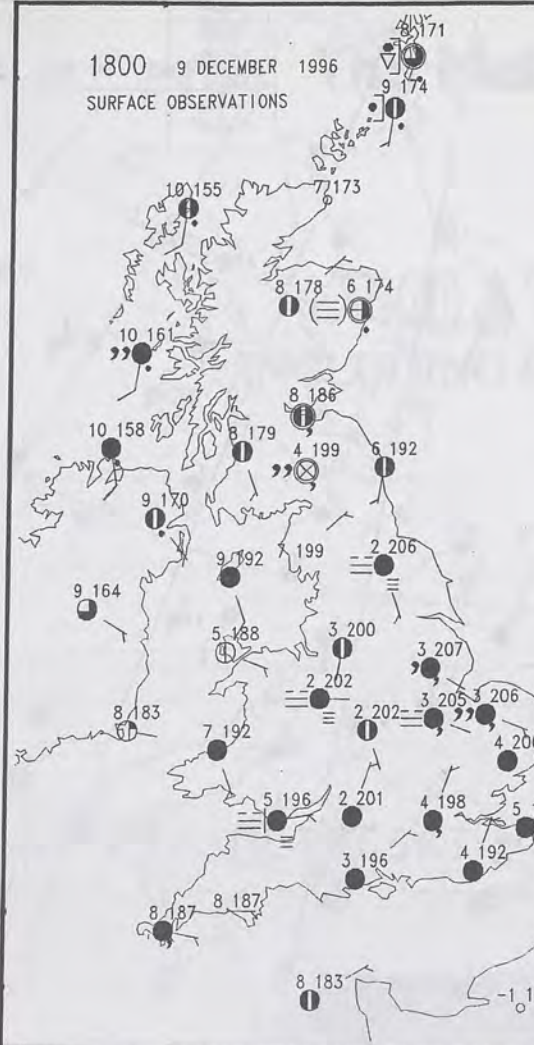
Telephone: 0171 405 4358  
Fax: 0171 404 4314



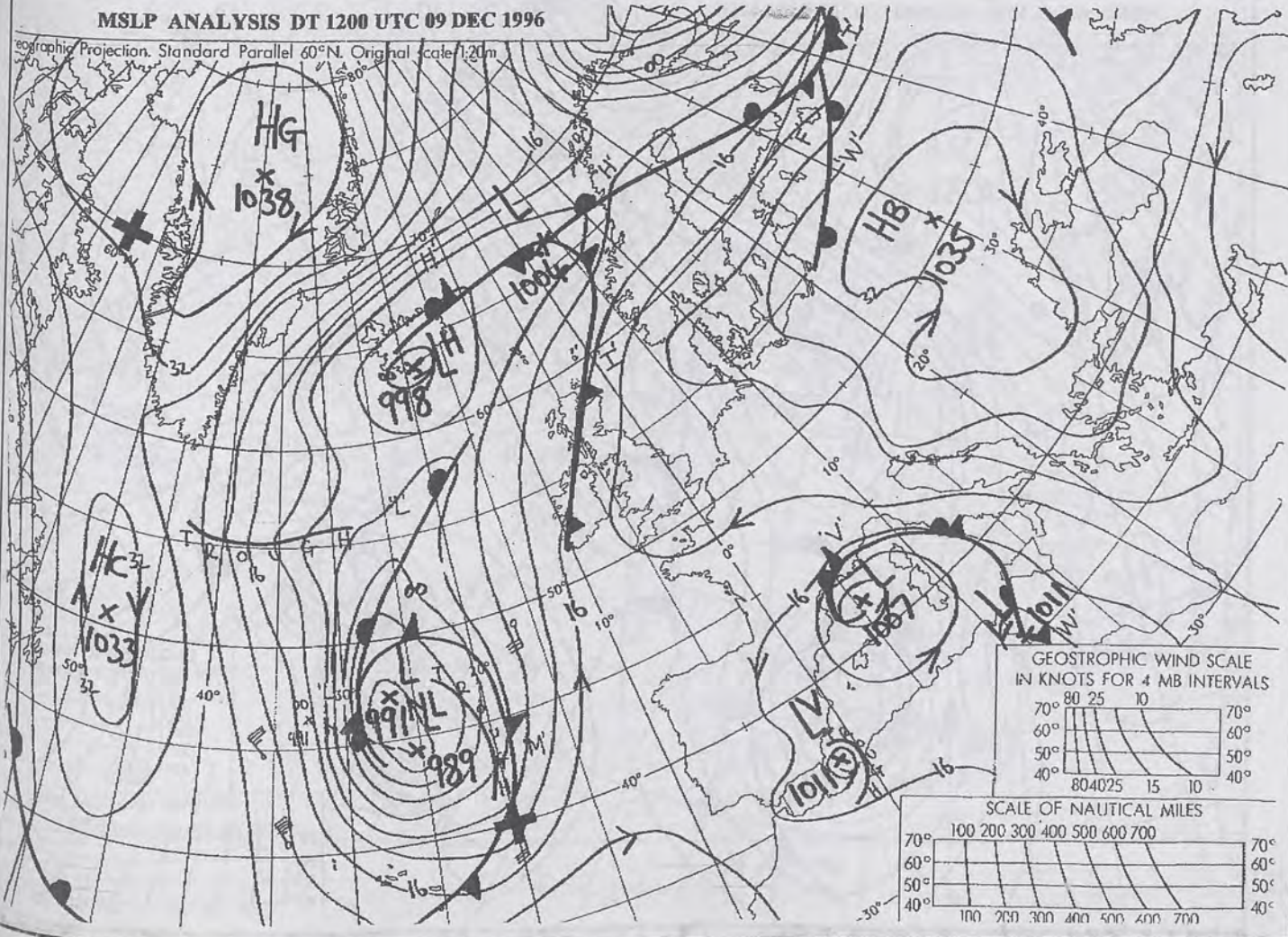
1200 9 DECEMBER 1996  
SURFACE OBSERVATIONS



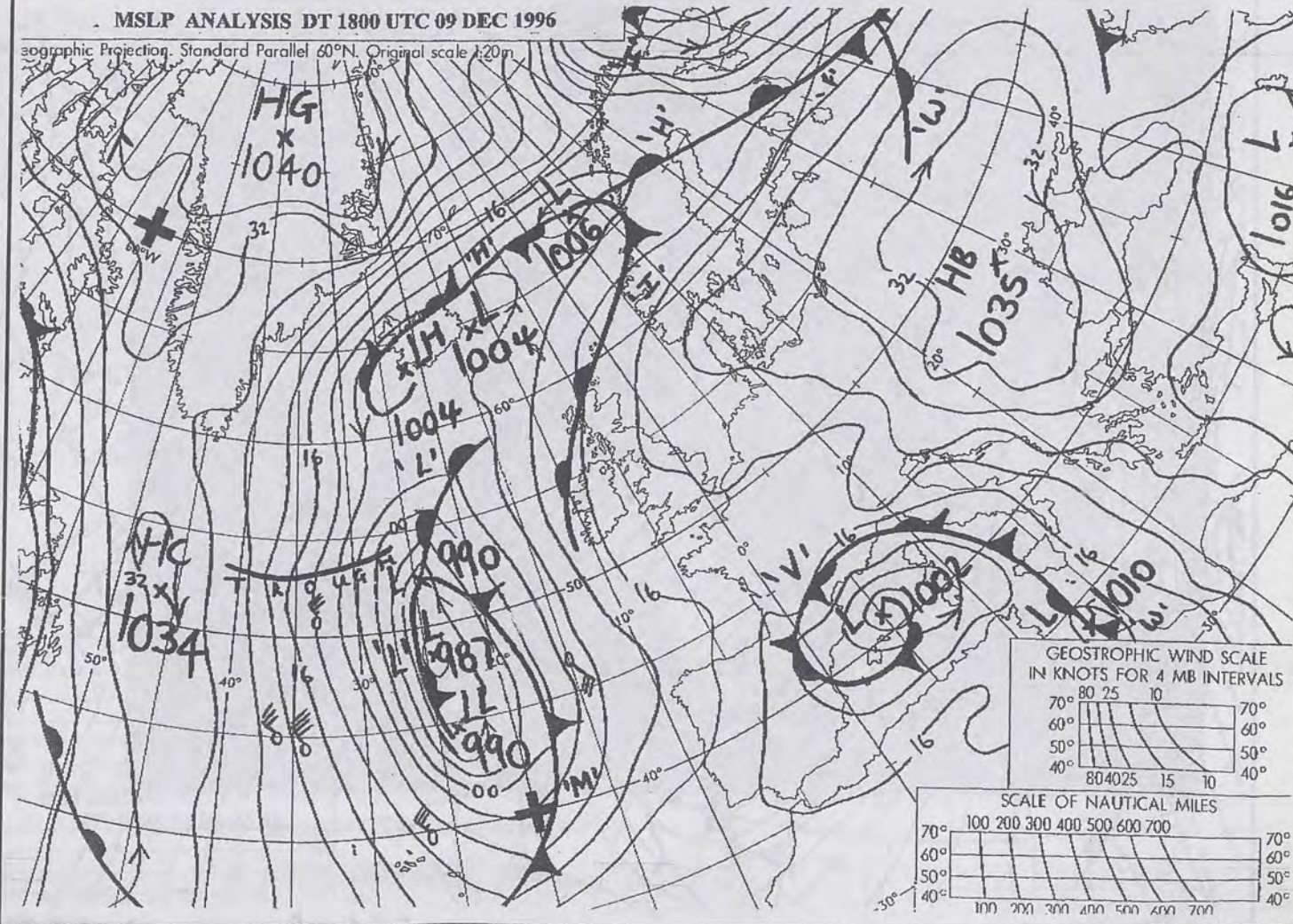
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SURFACE OBSERVATIONS



MSLP ANALYSIS DT 1200 UTC 09 DEC 1996



MSLP ANALYSIS DT 1800 UTC 09 DEC 1996

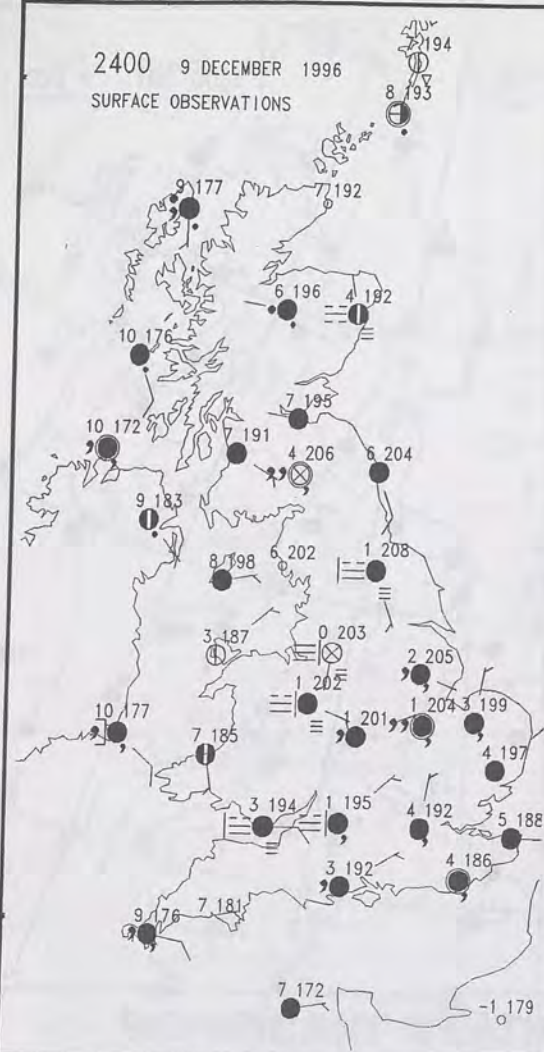




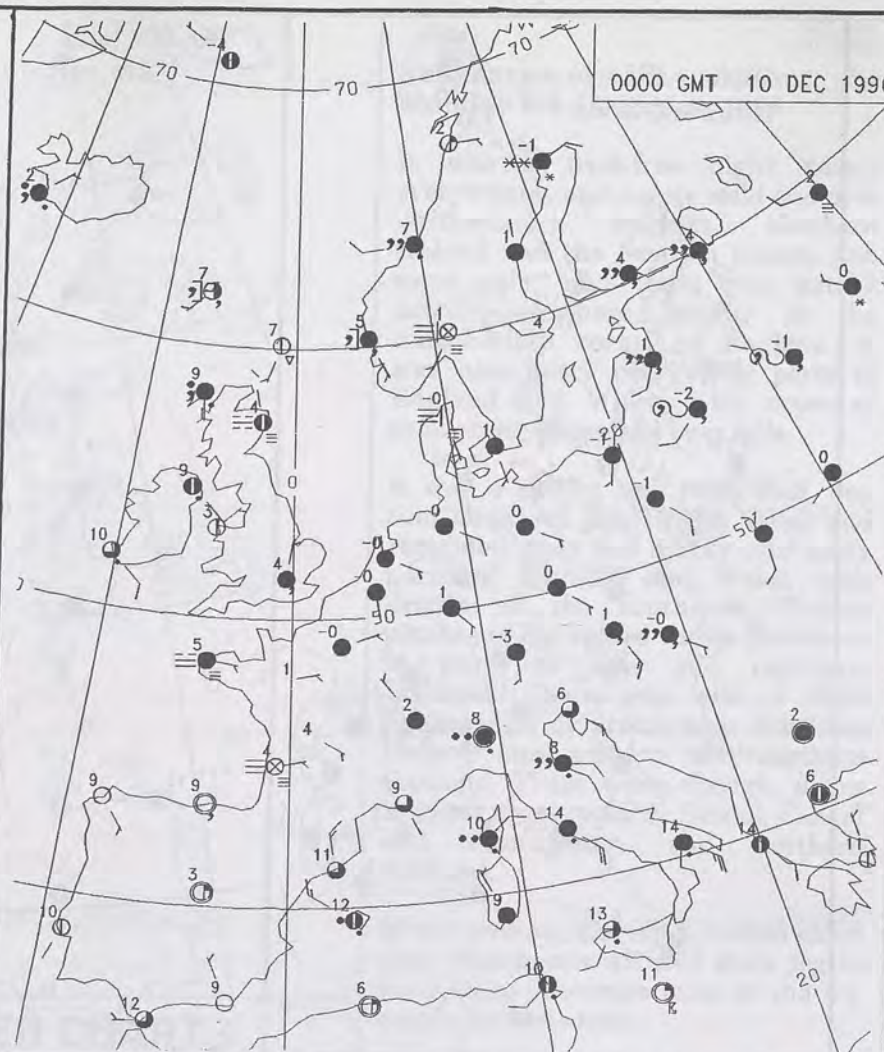
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DUPLICATE ALSO

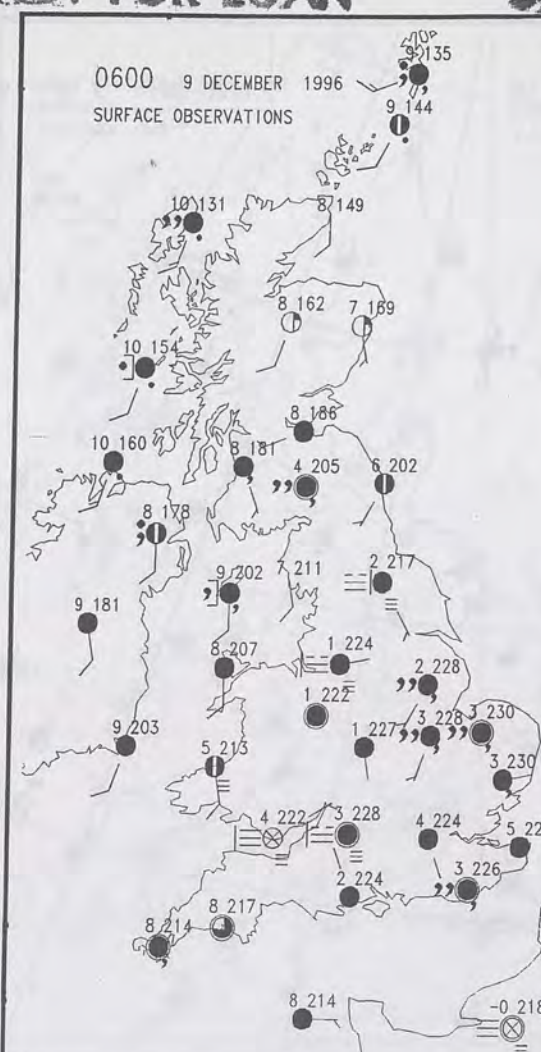
2400 9 DECEMBER 1996  
SURFACE OBSERVATIONS



0000 GMT 10 DEC 1996



0600 9 DECEMBER 1996  
SURFACE OBSERVATIONS

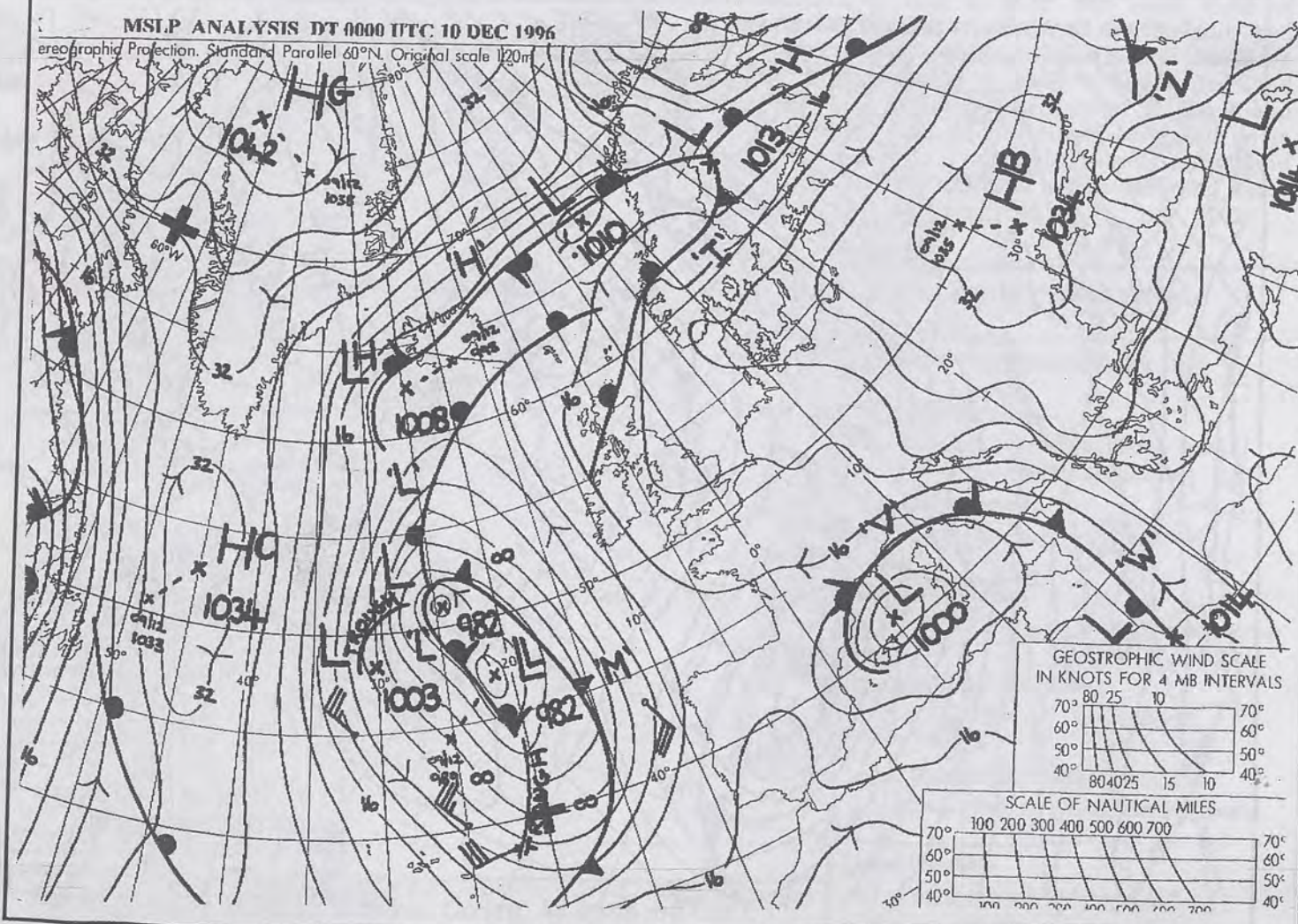


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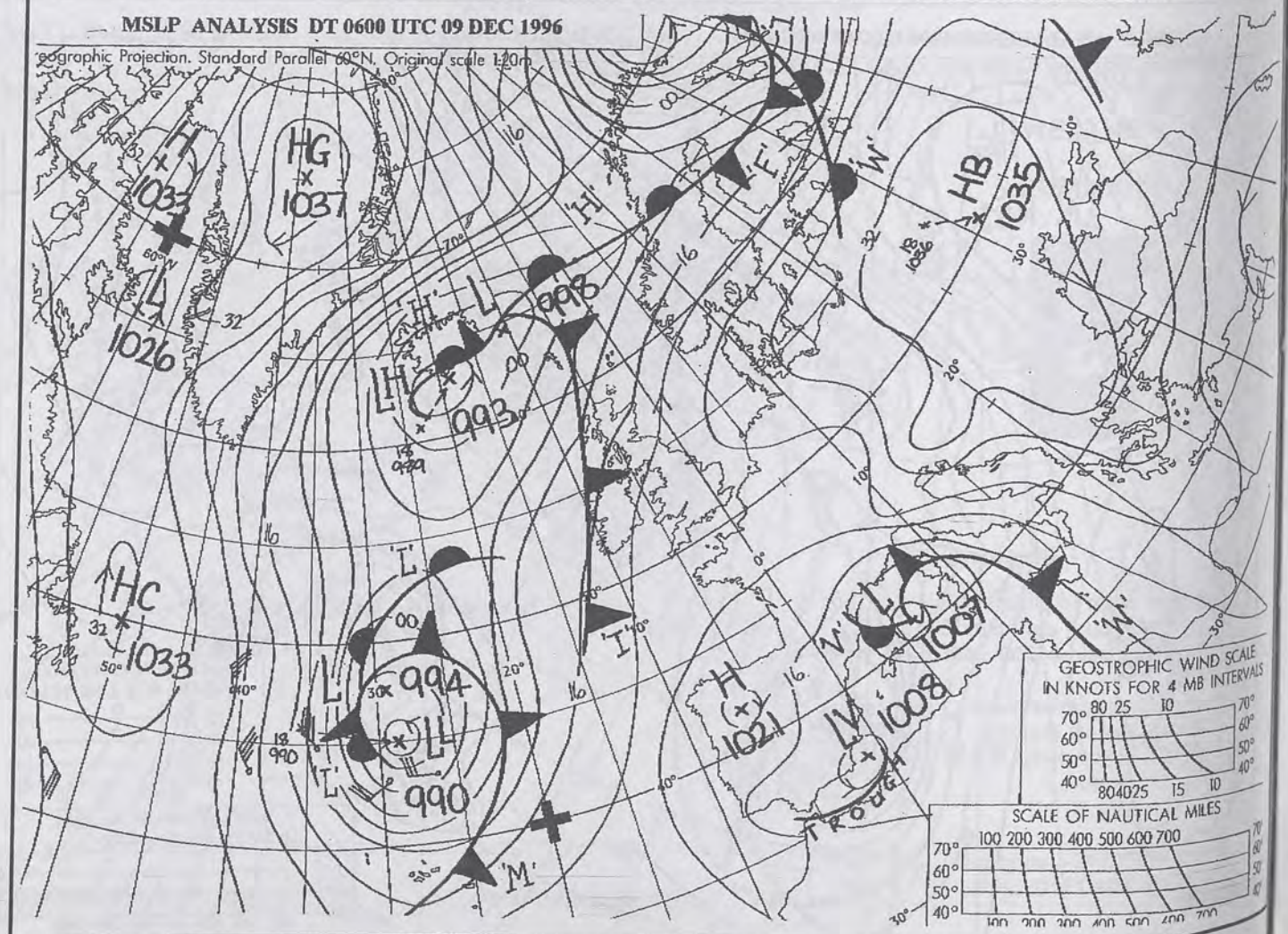
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Geographic Projection, Standard Parallel 60°N, Original scale 1:200,000



MSLP ANALYSIS DT 0600 UTC 09 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:200,000



500-1900MB

HEIGHT DM.

T+ 0

HEIGHT DM.

HEIGHT DM.

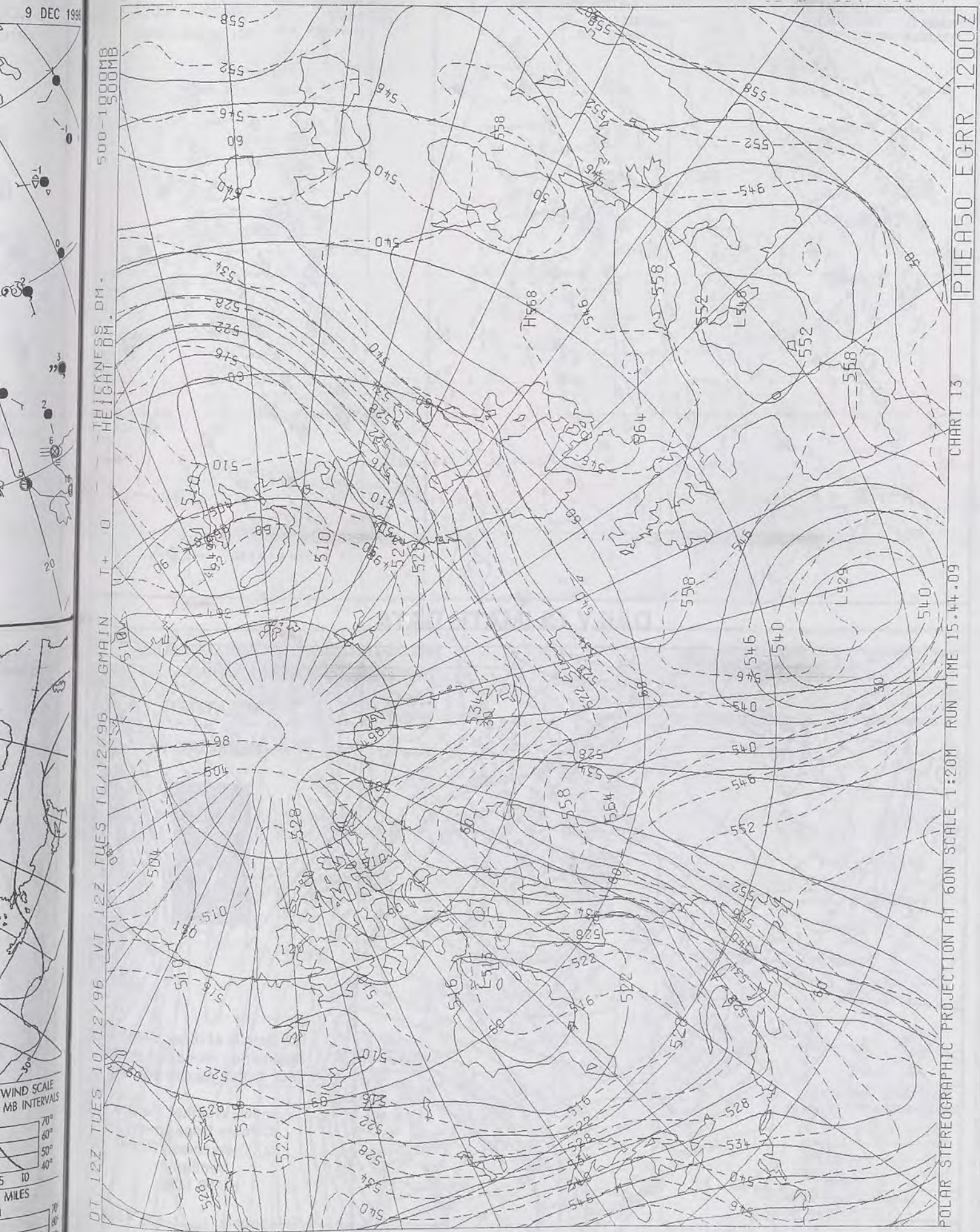
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HEIGHT DM.

HEIGHT DM.



9 DEC 1996



The Met. Office

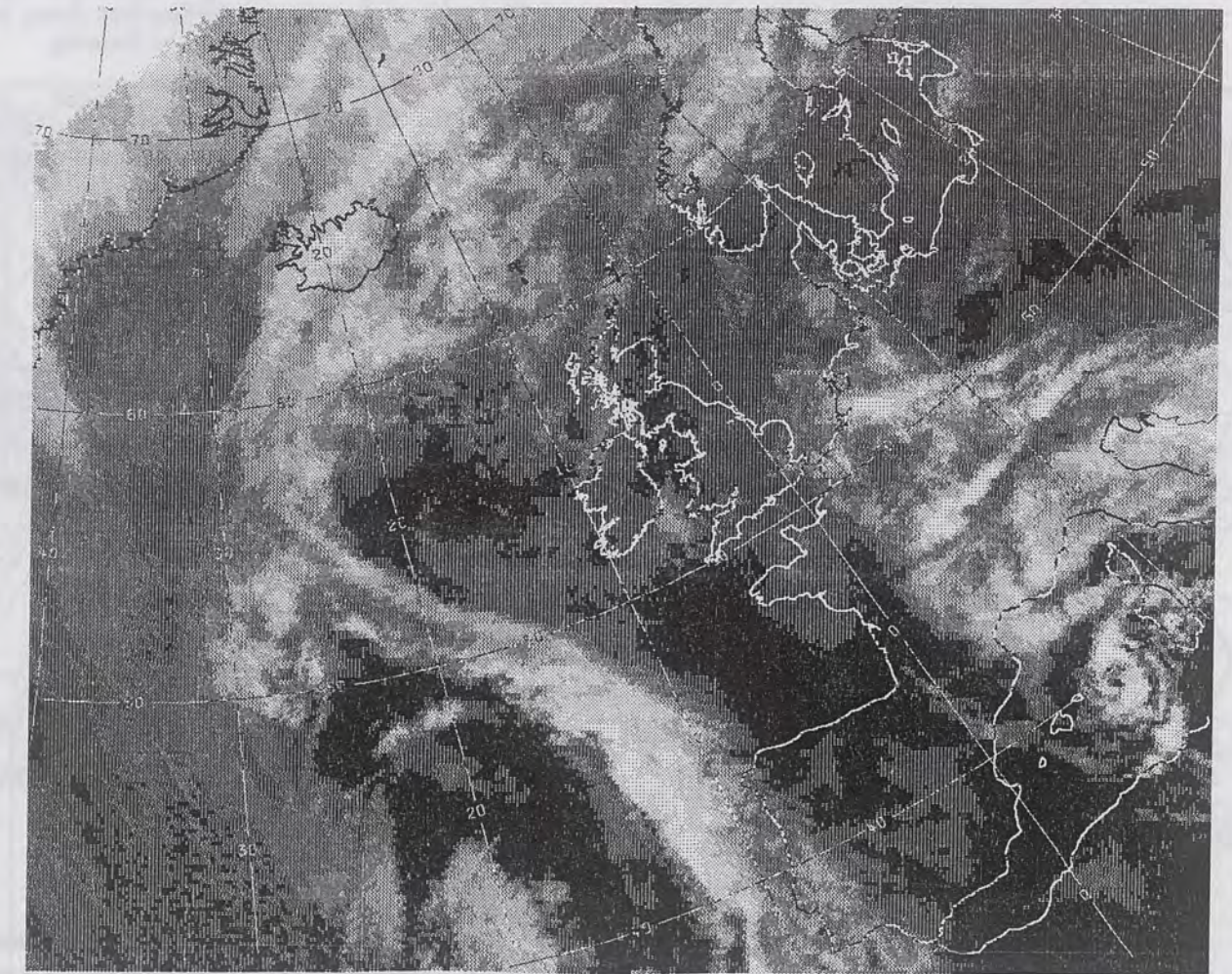
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Tuesday  
10th December  
1996

NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY

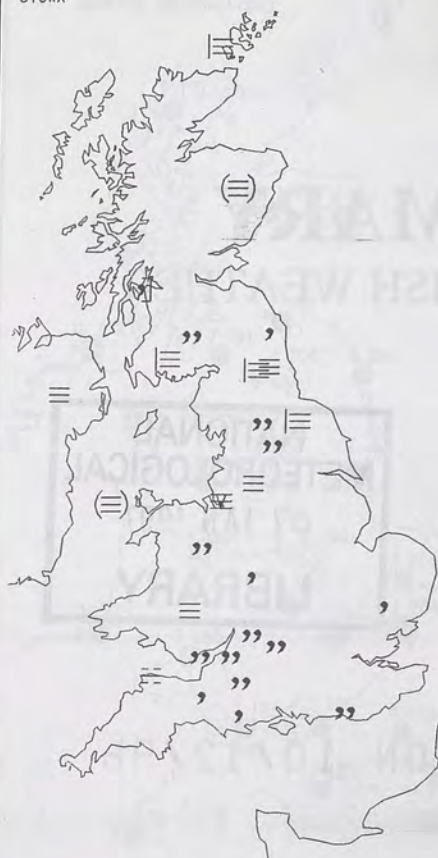
METEOSAT AT 12:00 GMT ON 10/12/96  
INFRA-RED



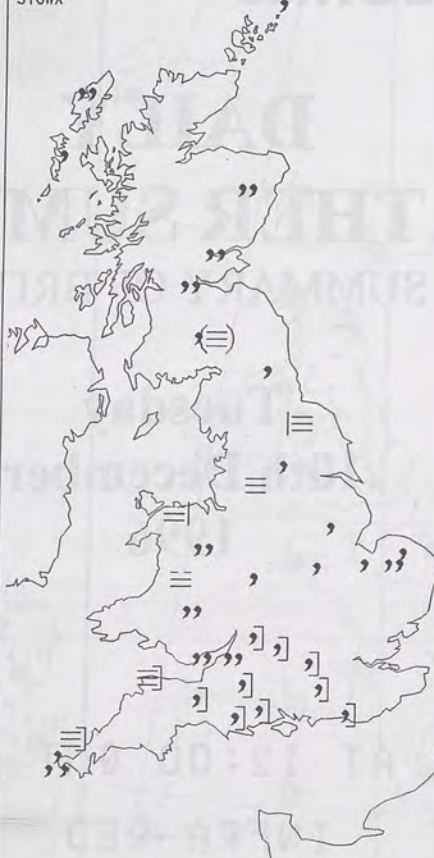
CLOUD-TOP OR LAND/SEA TEMPERATURE  
COLD WARM



0600 10 DECEMBER 1996  
SIGWX



1200 10 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 10 DECEMBER 1996  
SIGWX



2400 10 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Tuesday 10th December 1996

It was a cloudy night generally with patches of drizzle and fog in parts, especially over central and eastern areas. There were some breaks in the cloud over northwestern parts of England and Wales, leading to mist and fog patches and also isolated freezing fog by the end of the night.

There was little change during the day with most places remaining dull, cloudy and with pockets of drizzle here and there. More sheltered northern and western parts did see some breaks in the cloud, though, with Anglesey recording almost six hours of sunshine.

Through the evening it continued cloudy with further patches of mist and drizzle and the cloud lowering into fog over hills. Again, there were breaks in the cloud over northern and western regions but these lead to mist and fog patches forming.

Temperatures ranged from near normal or mild for much of Scotland and Northern Ireland to rather cold or cold over England and Wales.

## EXTREMES

### TUESDAY 10th DECEMBER 1996

**Highest Maximum**  
: 10.6 C Isles of Scilly

**Lowest Maximum**  
: 1.5 C Dunkeswell [ Devon ]

**Lowest Minimum**  
: 3.1 C Capel Curig [ Gwynedd ]

**Lowest Grass Minimum**  
: -6.3 C Capel curig

**Most Rain (24 hrs from 0900 GMT)**  
: 3.0mm Baltasound [ Shetland ]

**Most Sunshine**  
: 5.6 hrs Valley [ Anglesey ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
10 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
10 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
10 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
10 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
10 DECEMBER 1996



## DAILY WEATHER SUMMARY



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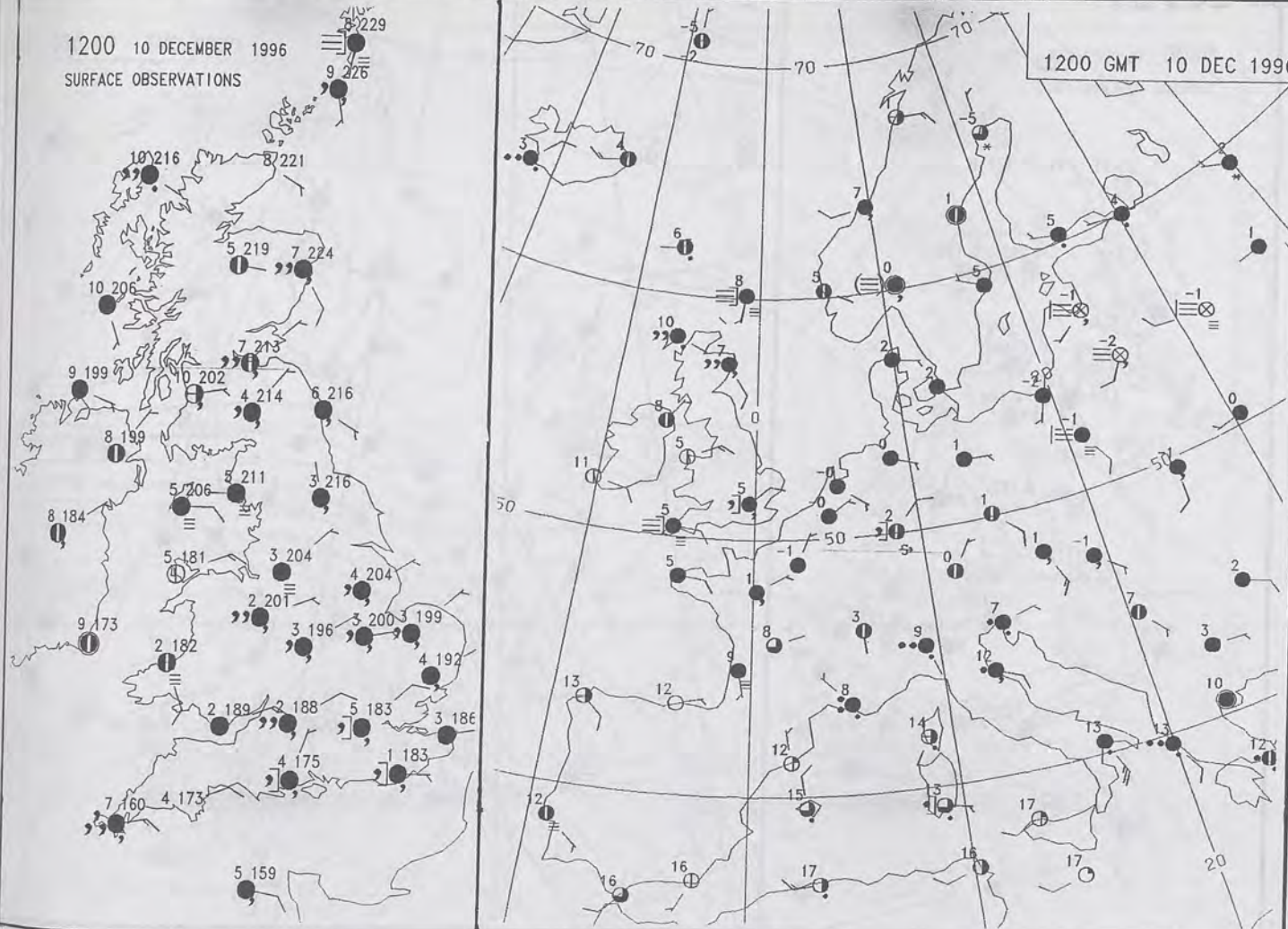
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314

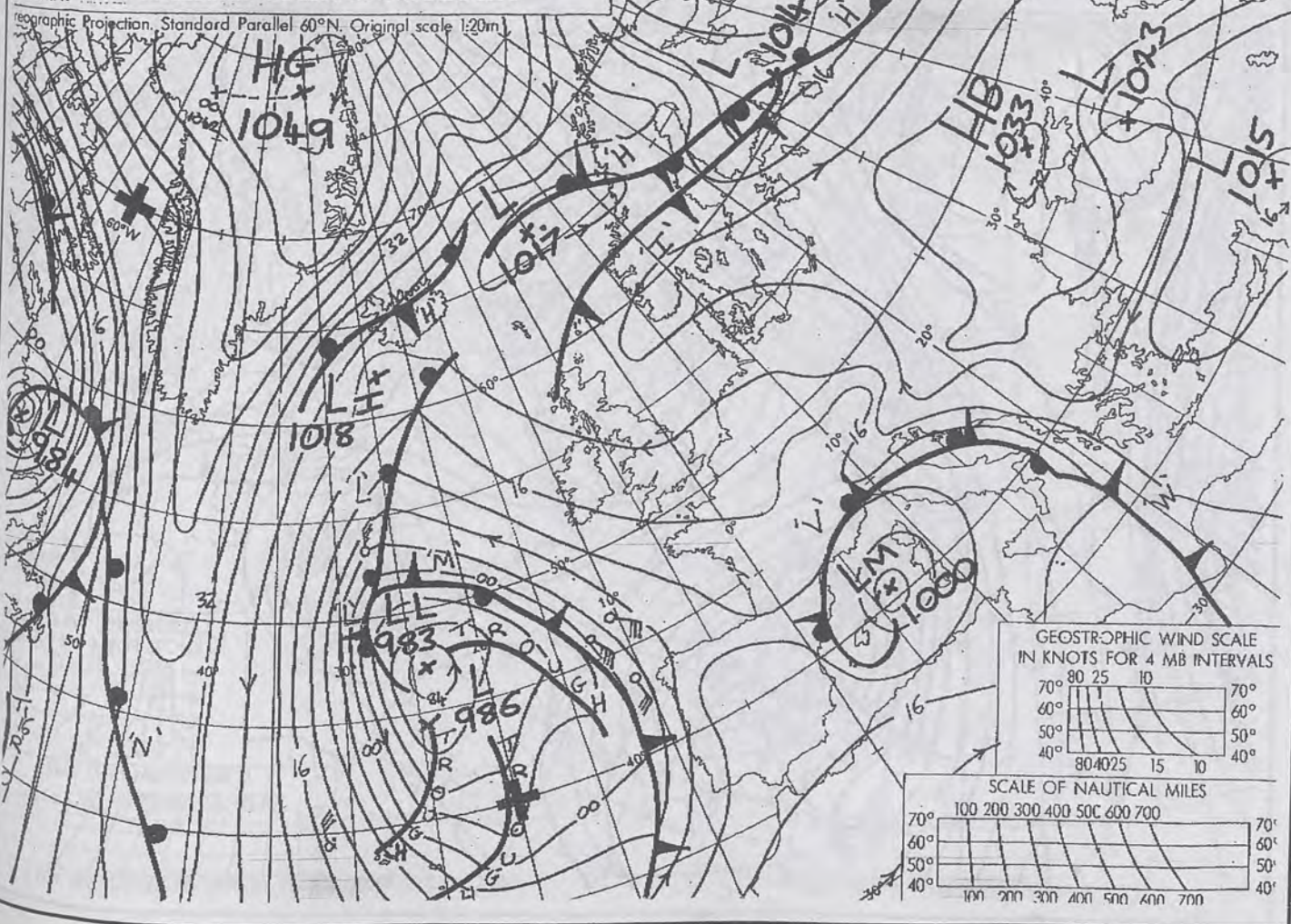


1200 10 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 10 DEC 1996

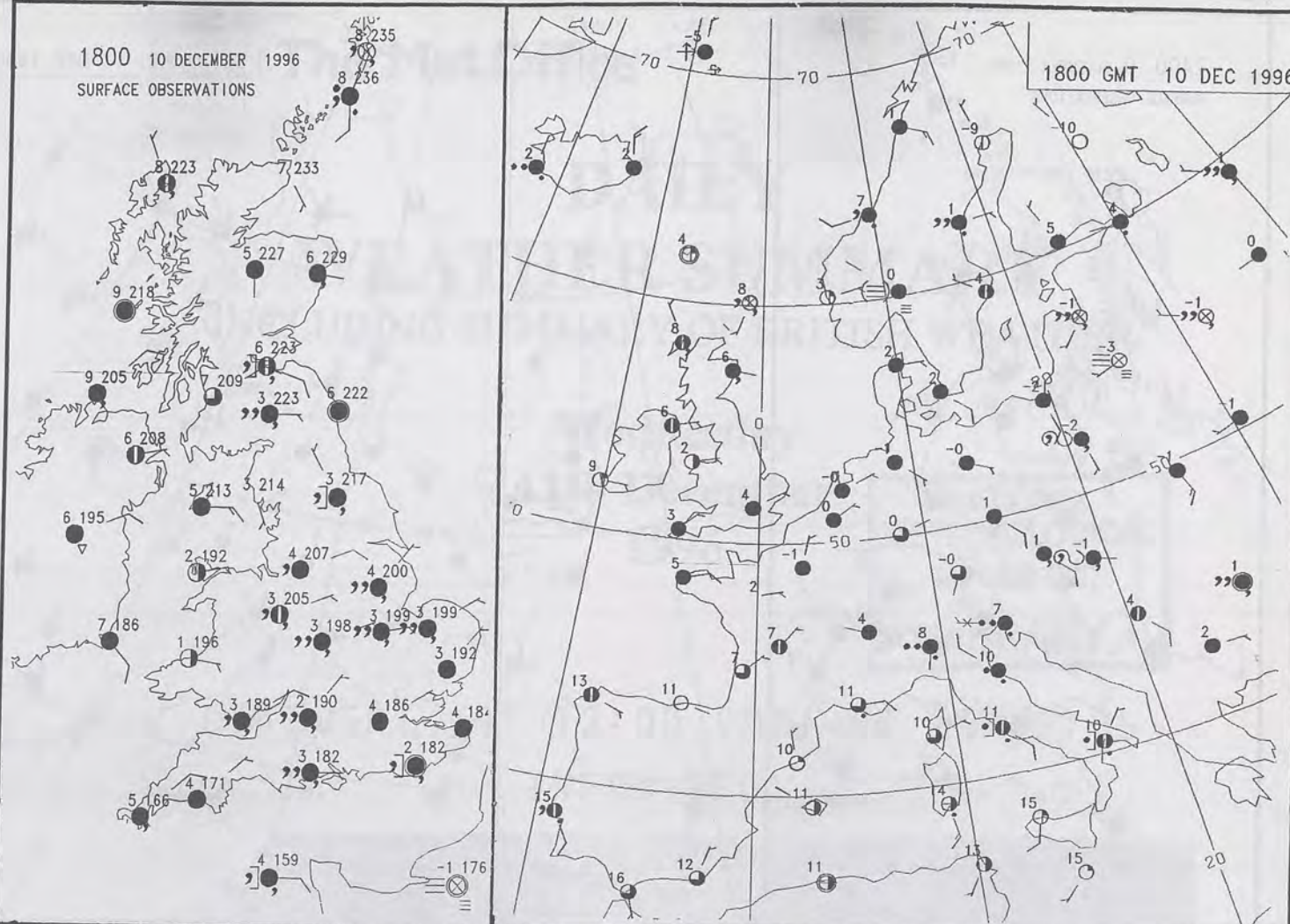


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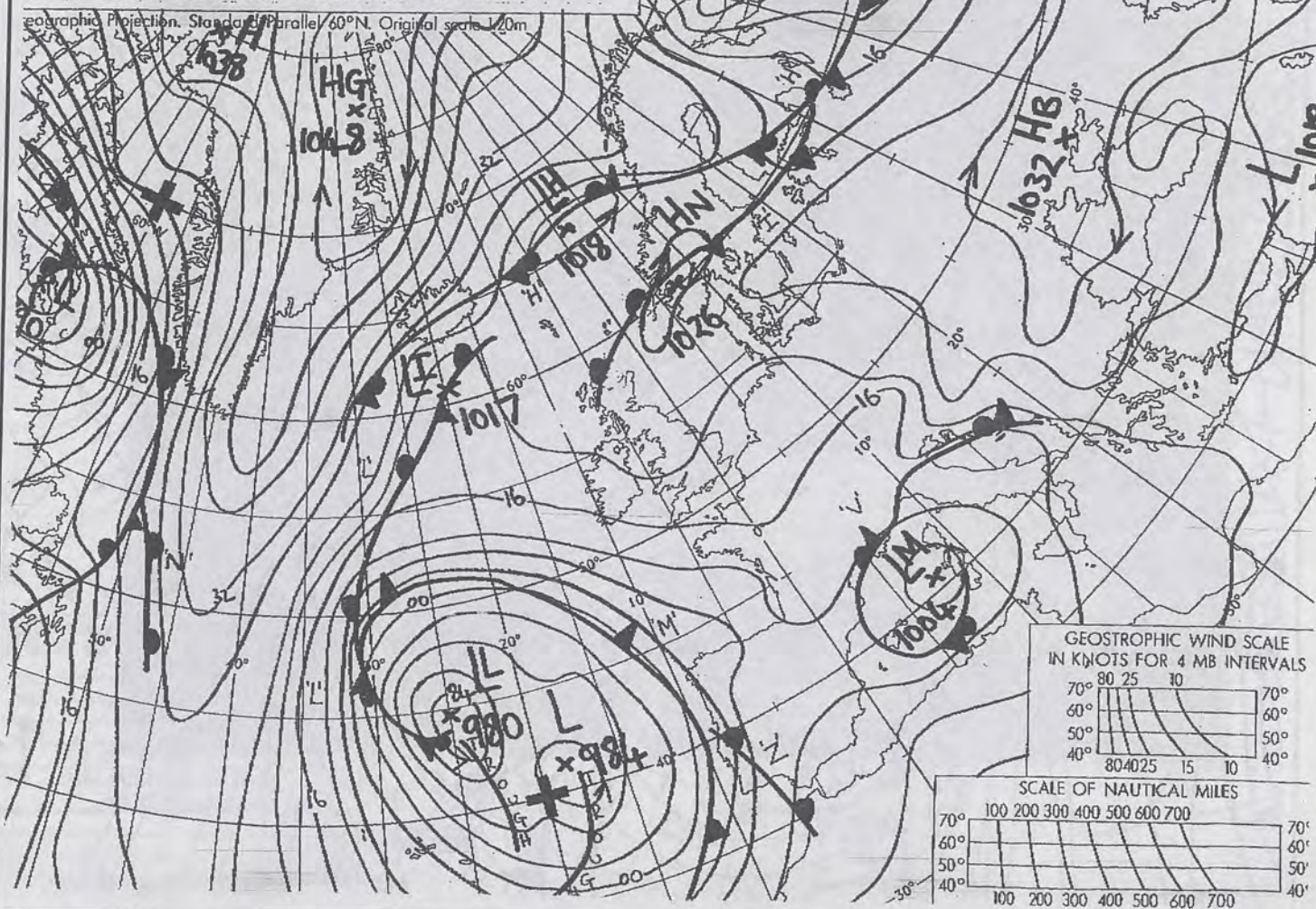


1800 10 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 10 DEC 1996



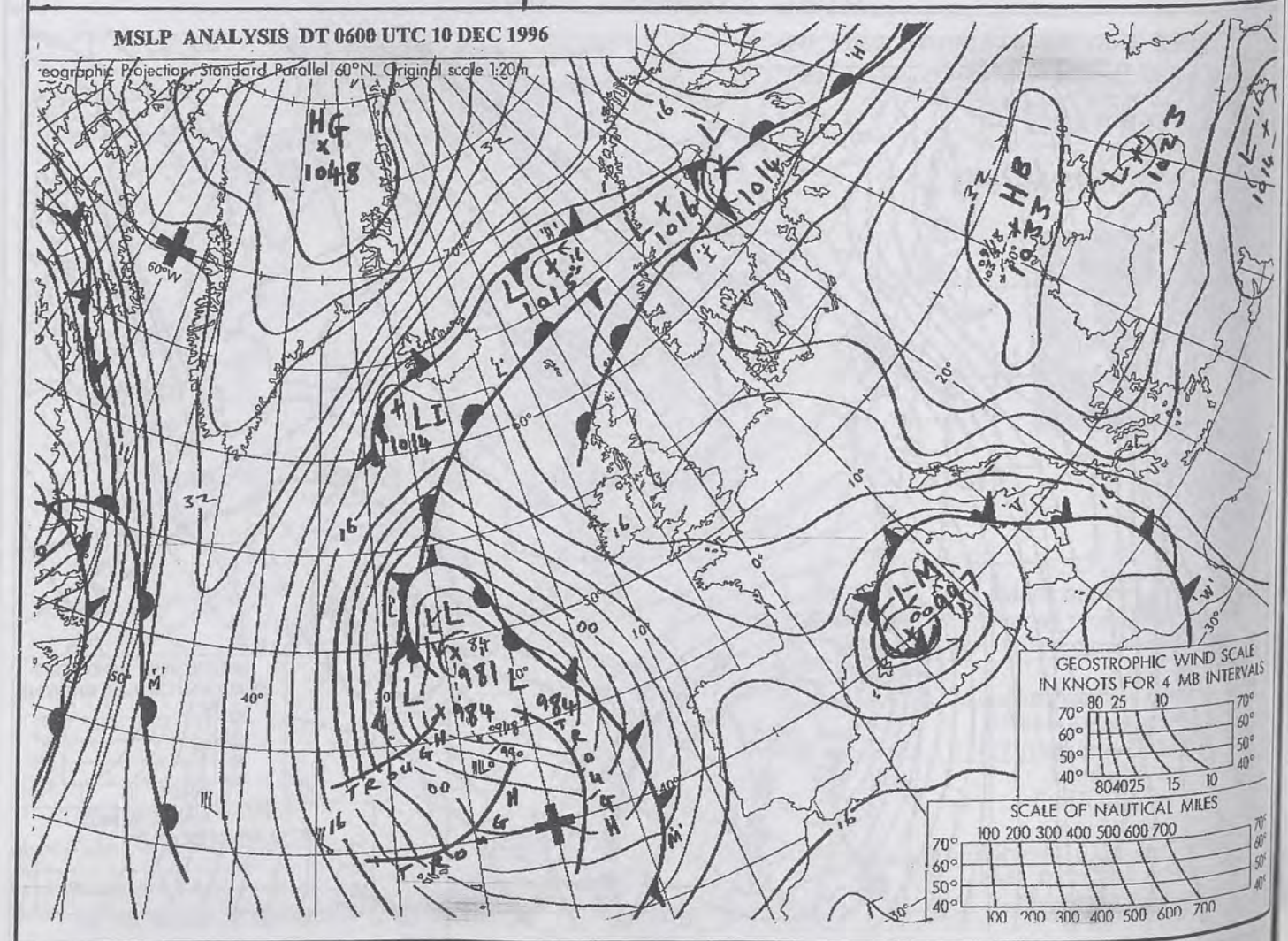
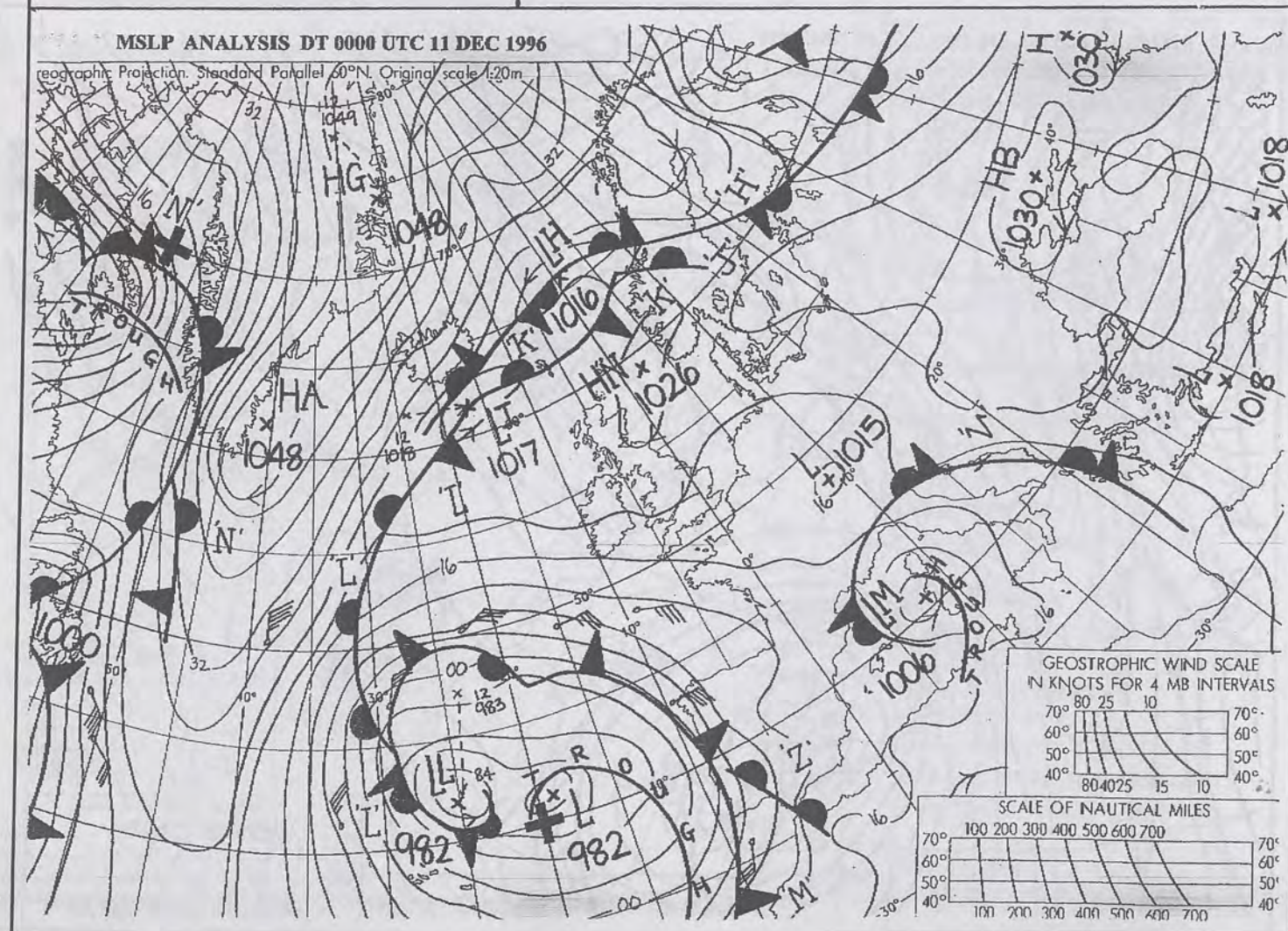
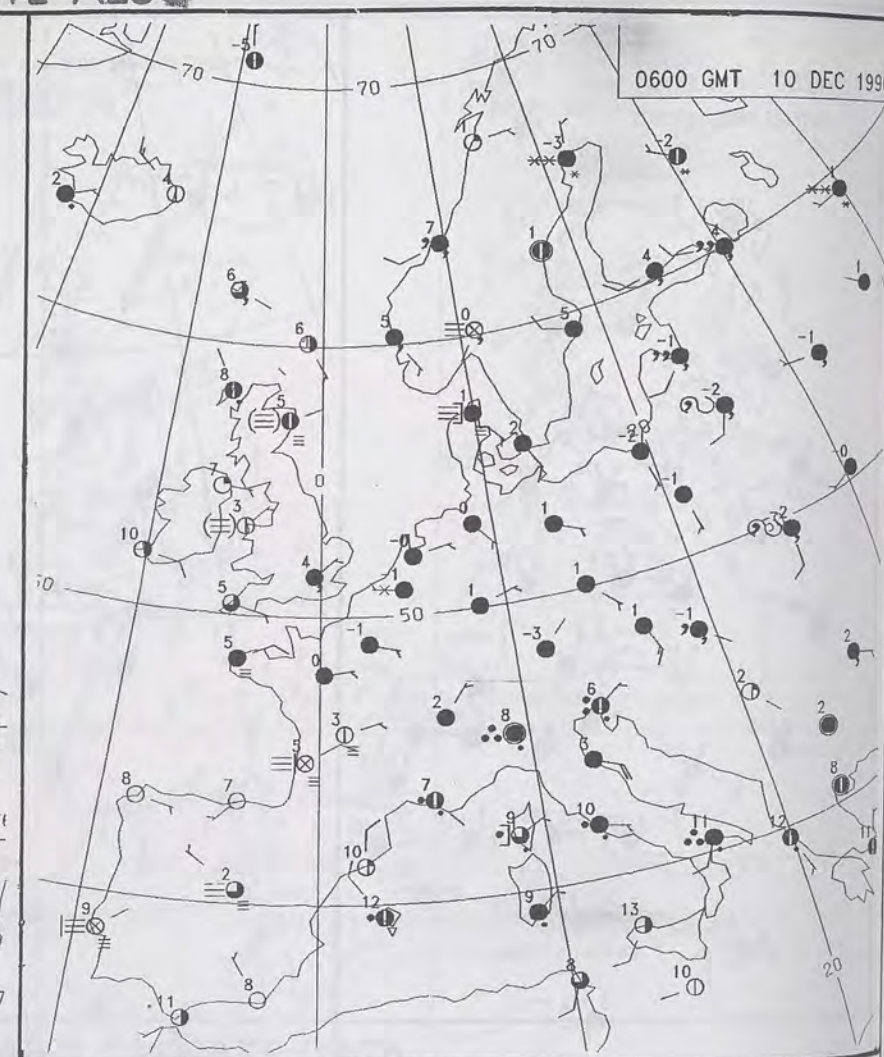
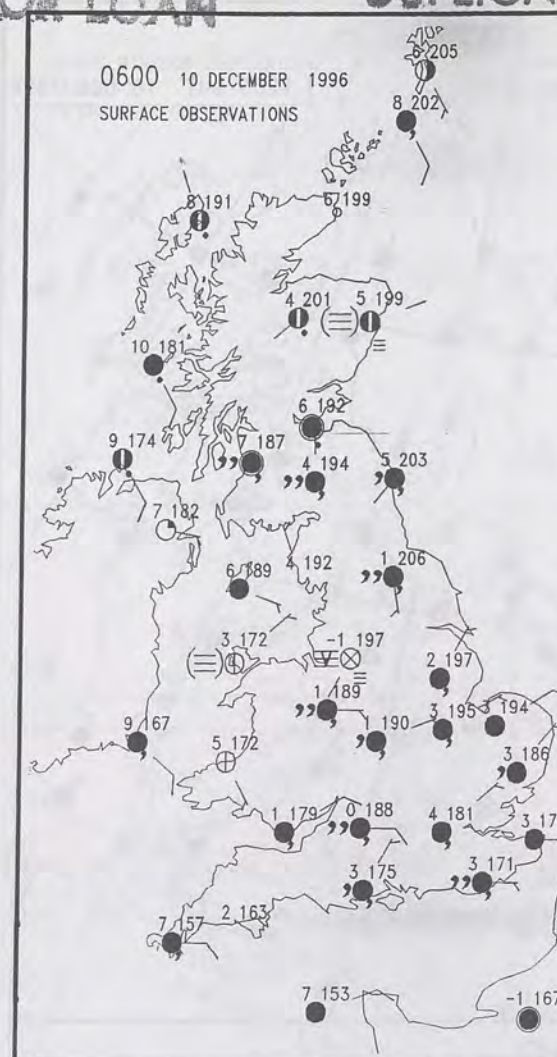
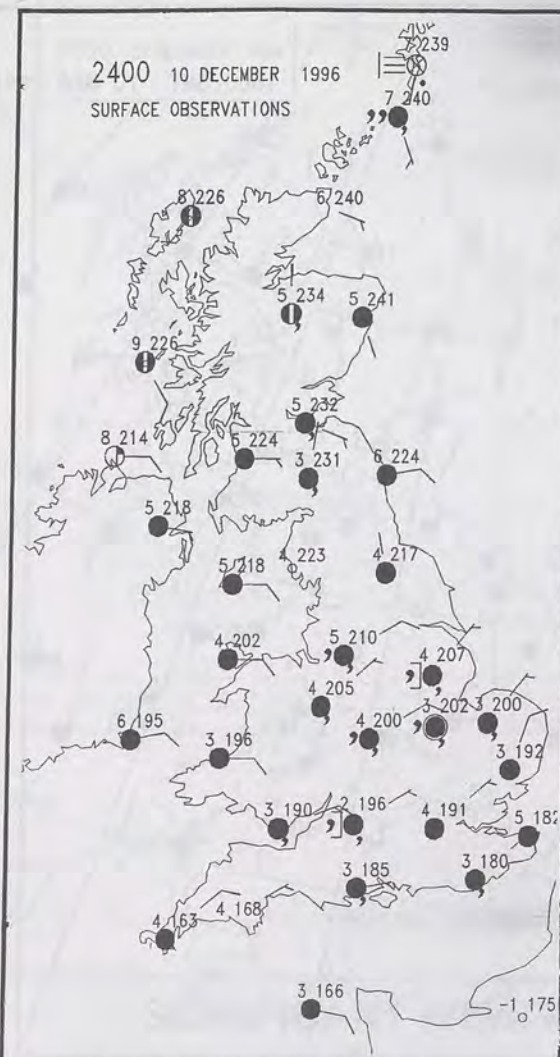
MSLP ANALYSIS DT 1800 UTC 10 DEC 1996





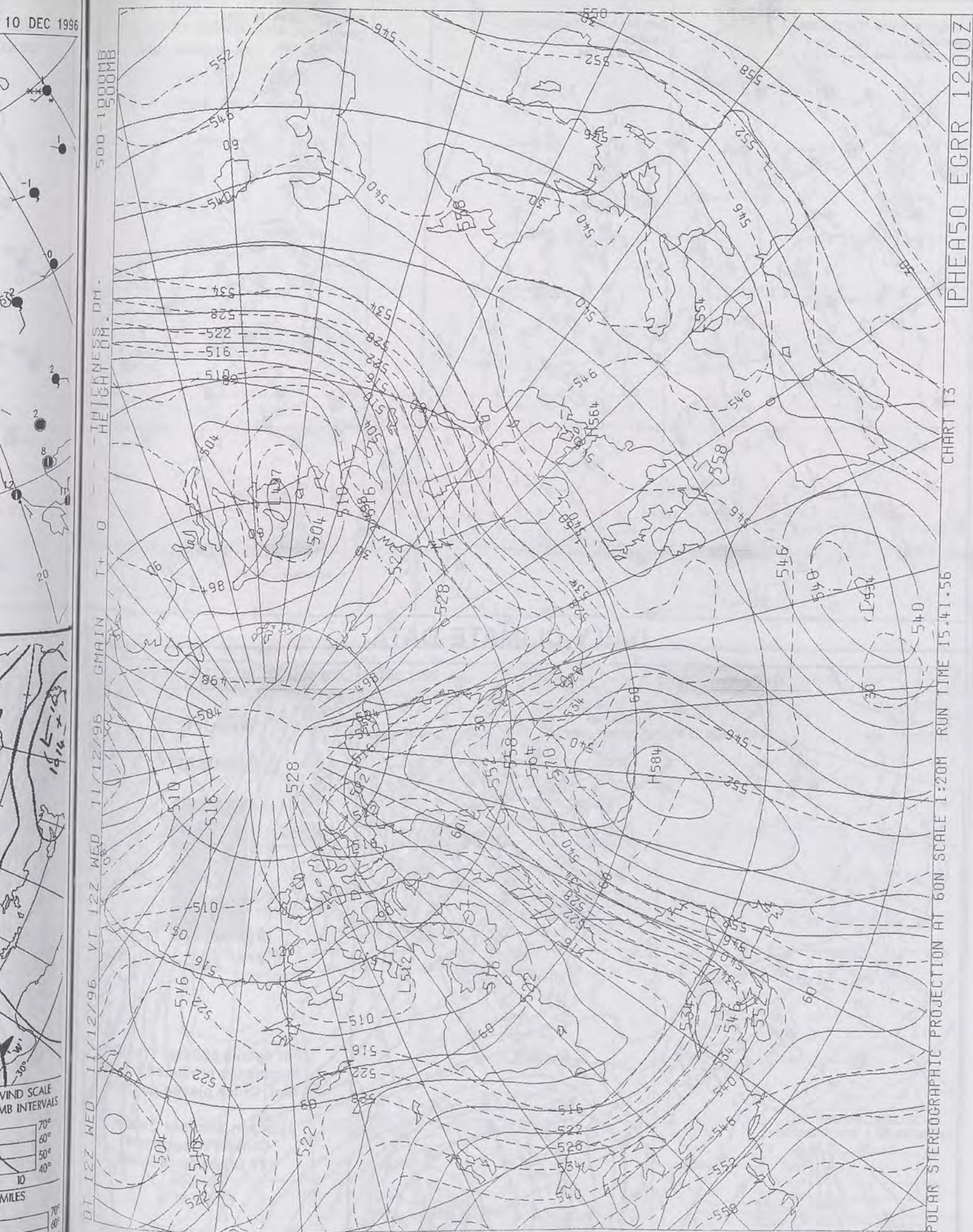
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DUPLICATE ALSO



DT 12Z MED 11/12/96 VT 12Z MED 11/12/96 GMAIN T+0 HEIGHT DM. 500-1980MB





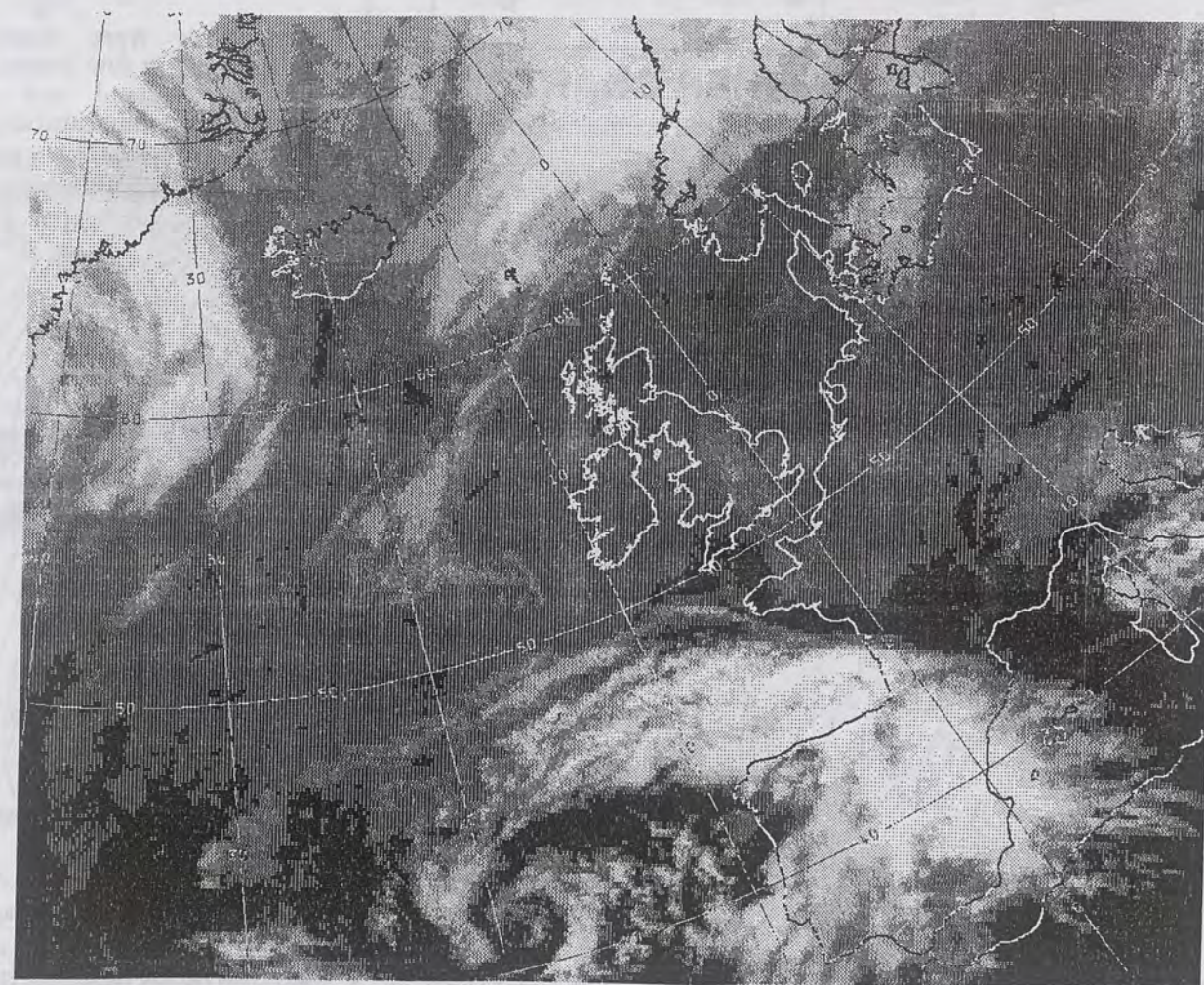
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

**Wednesday  
11th December  
1996**

**NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY**

METEOSAT AT 12:00 GMT ON 11/12/96  
INFRA-RED



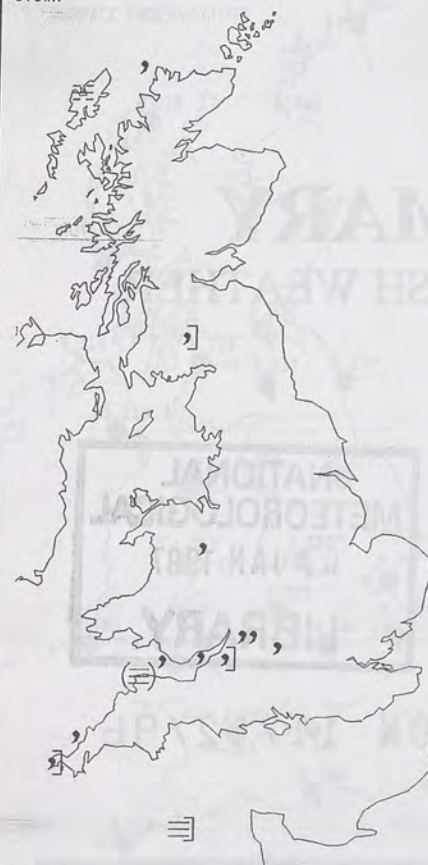
CLOUD-TOP OR LAND/SEA TEMPERATURE

COLD  WARM



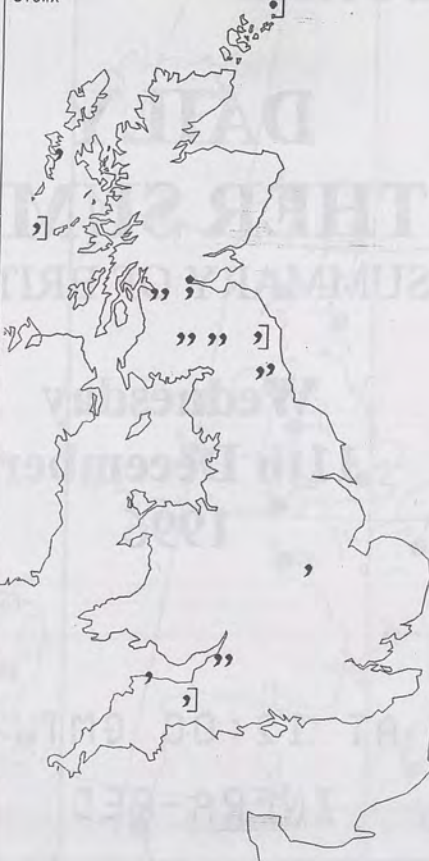
0600 11 DECEMBER 1996

SIGWX



1200 11 DECEMBER 1996

SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 11 DECEMBER 1996

SIGWX



2400 11 DECEMBER 1996

SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Wednesday 11th December 1996

During the early hours there was a mostly overcast regime with widespread mist, hill fog and patchy drizzle. A few places saw the cloud break from time to time, these chiefly in north and west Scotland but at least in most cases this restricted frost to just the tops of the hills.

During the morning there was little change with the dull, overcast conditions continuing, but the cloud lifting slowly to the tops of the hills. The afternoon, apart from a few breaks in the cloud in Scotland was also dull and gloomy in most places and this lead on to an overcast evening with the cloud slowly sinking back to lower levels.

Temperatures were mostly rather cold, although a few coastal areas in southwest England and northwest Scotland saw temperatures around or slightly above average.

## EXTREMES

## WEDNESDAY 11th DECEMBER 1996

## Highest Maximum

: 10.1 C Isles of Scilly

## Lowest Maximum

: 1.2 C Dunkeswell [ Devon ]

## Lowest Minimum

: -1.0 C Aviemore [ Highland ]

## Lowest Grass Minimum

: -6.2 C Lossiemouth [ Moray Firth ]

## Most Rain (24 hrs from 0900 GMT)

: 20.2mm Baltasound [ Shetland ]

## Most Sunshine

: 0.9 hrs Invergordon Harbour [ Highland ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
11 DECEMBER 1996DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
11 DECEMBER 1996SUNSHINE (DAWN TO DUSK)  
(HOURS)  
11 DECEMBER 1996

## DAILY CLIMATE DATA

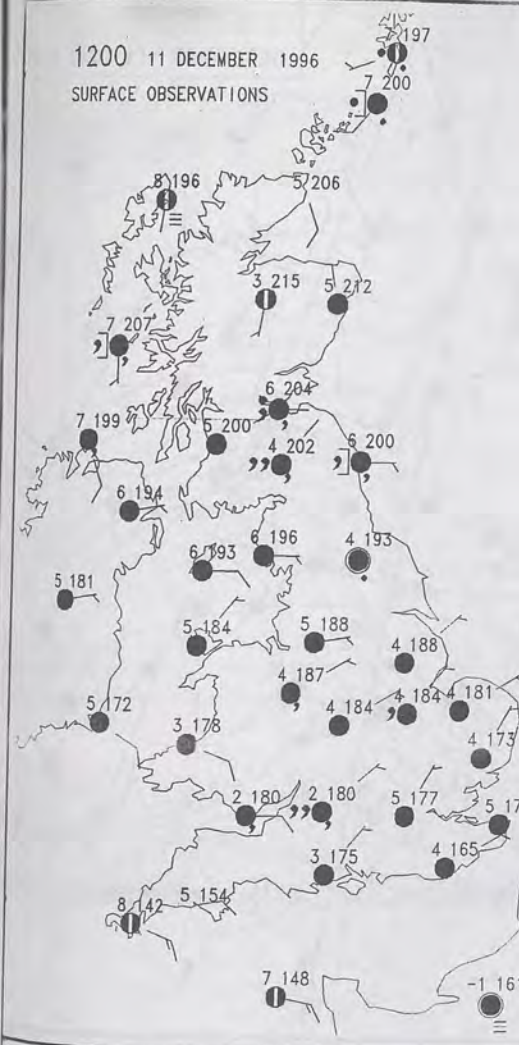
NIGHT RAINFALL  
(MILLIMETRES)  
11 DECEMBER 1996DAY RAINFALL  
(MILLIMETRES)  
11 DECEMBER 1996DAILY  
WEATHER  
SUMMARY

For details of other Weather Summaries produced by the Met. Office please contact:

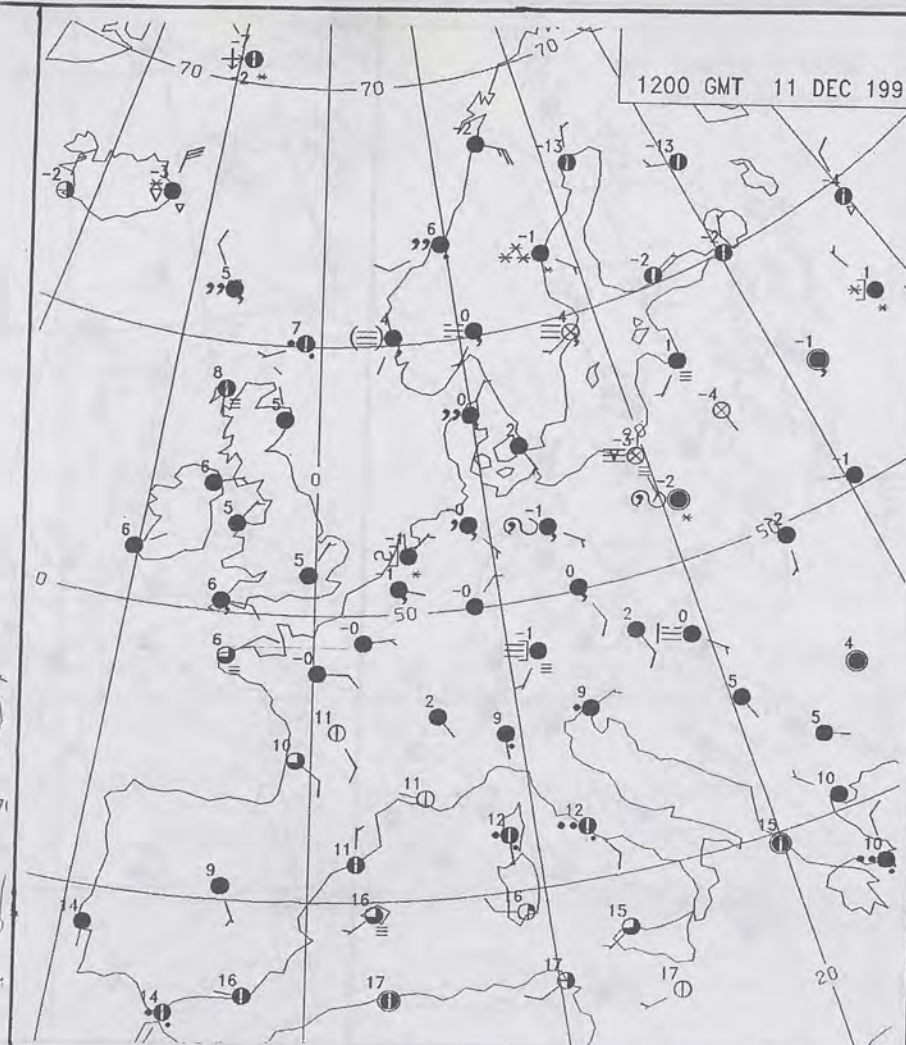
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314

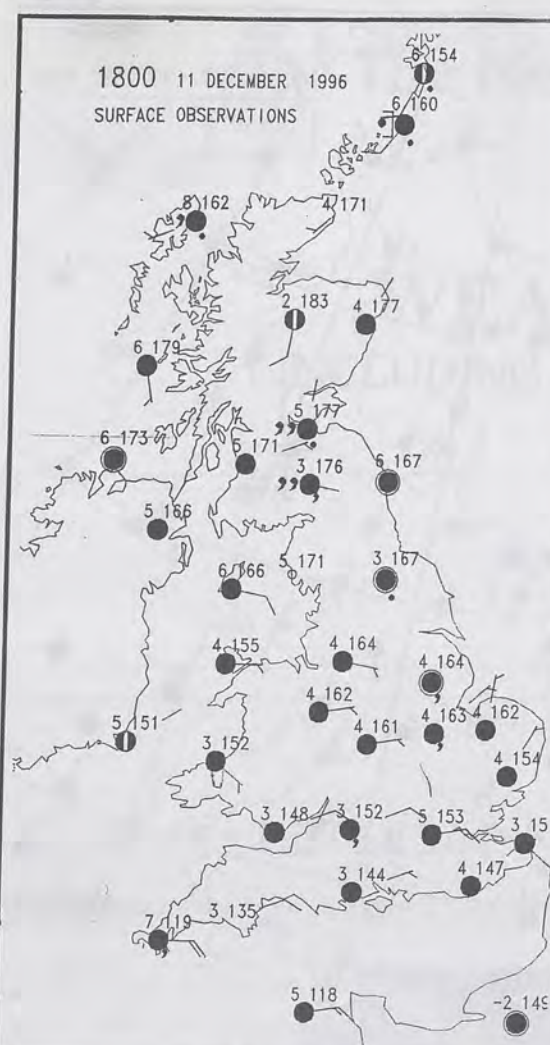




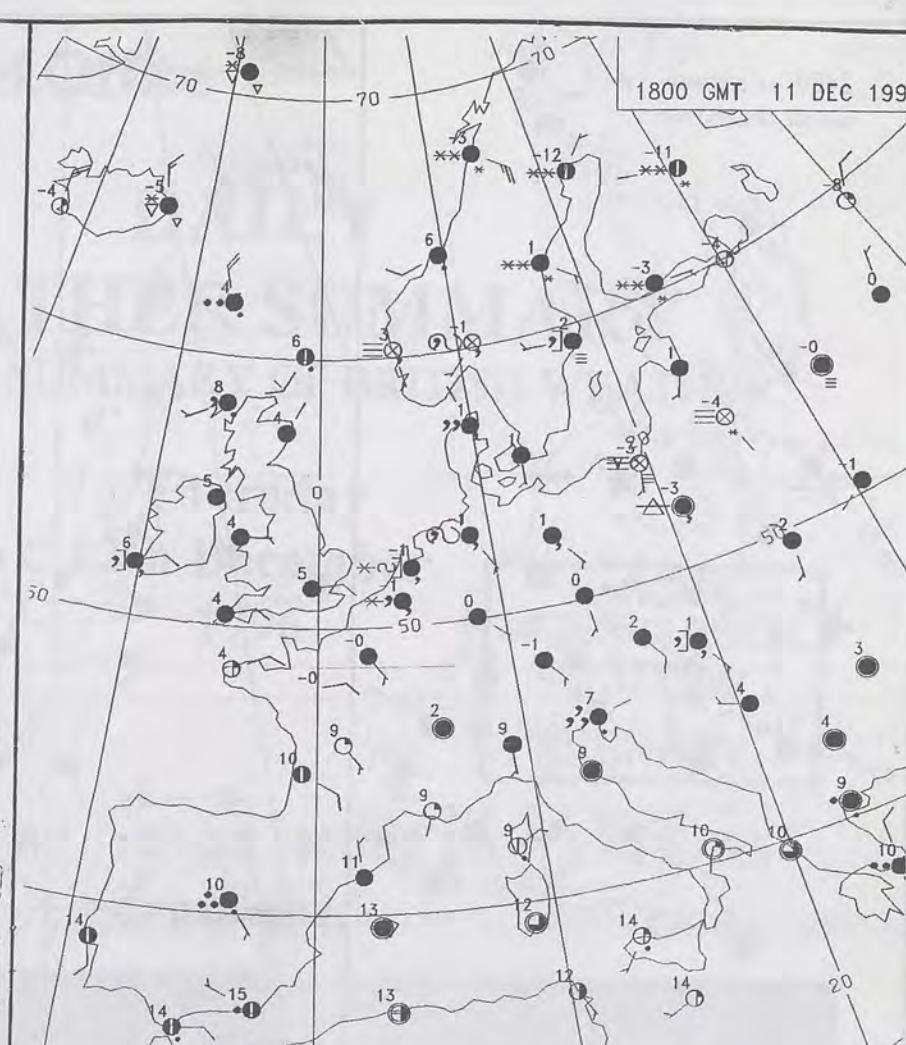
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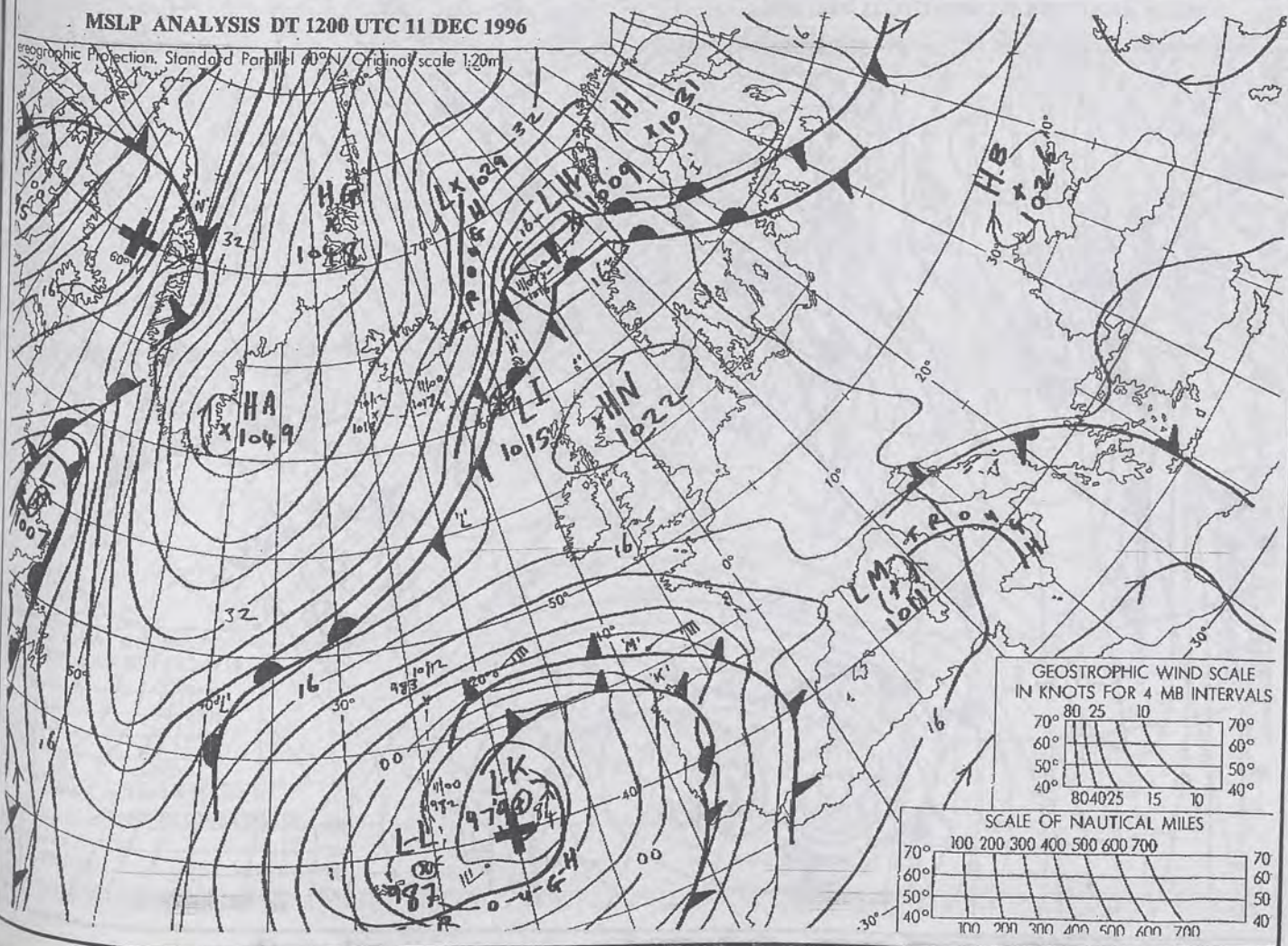
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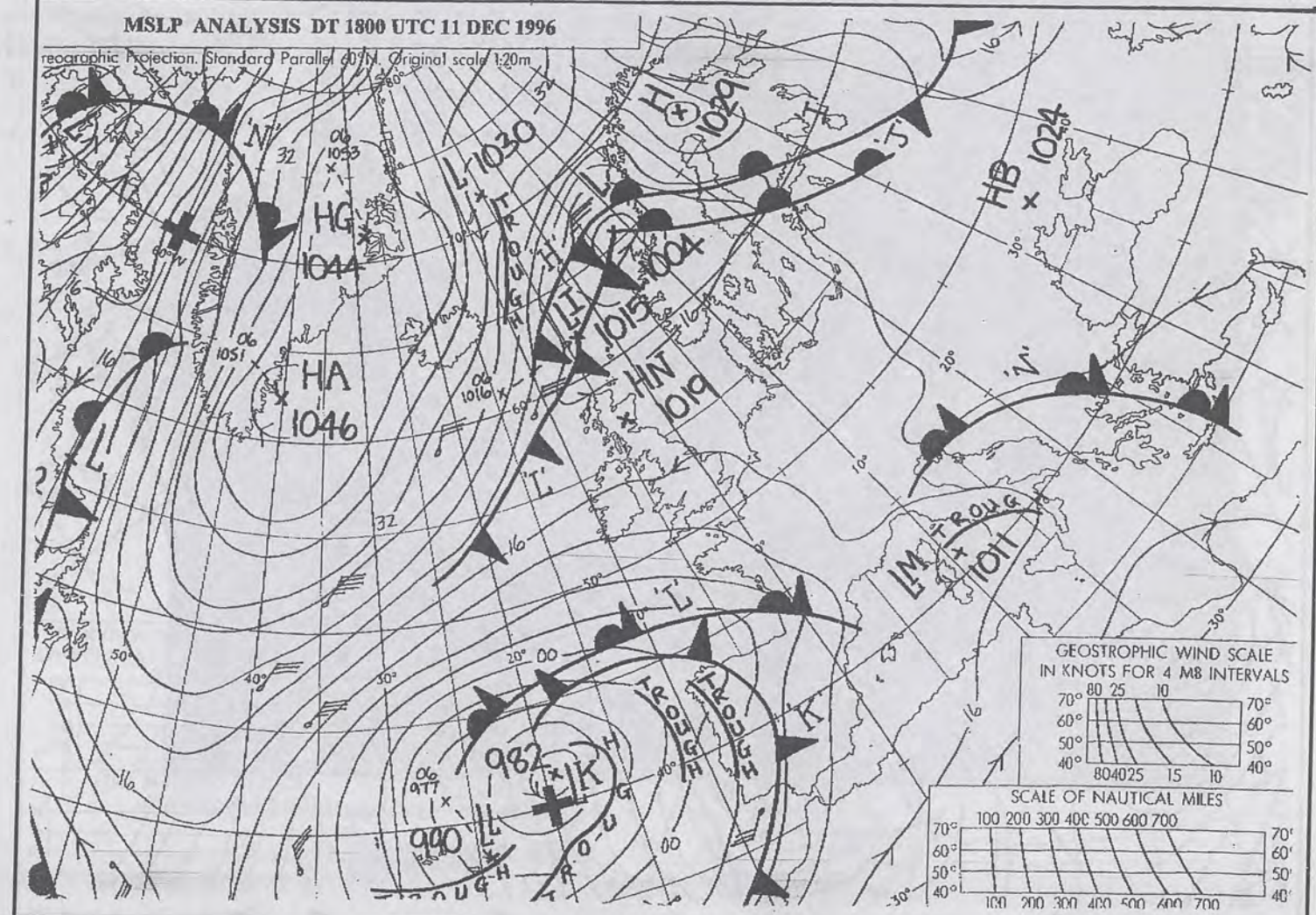
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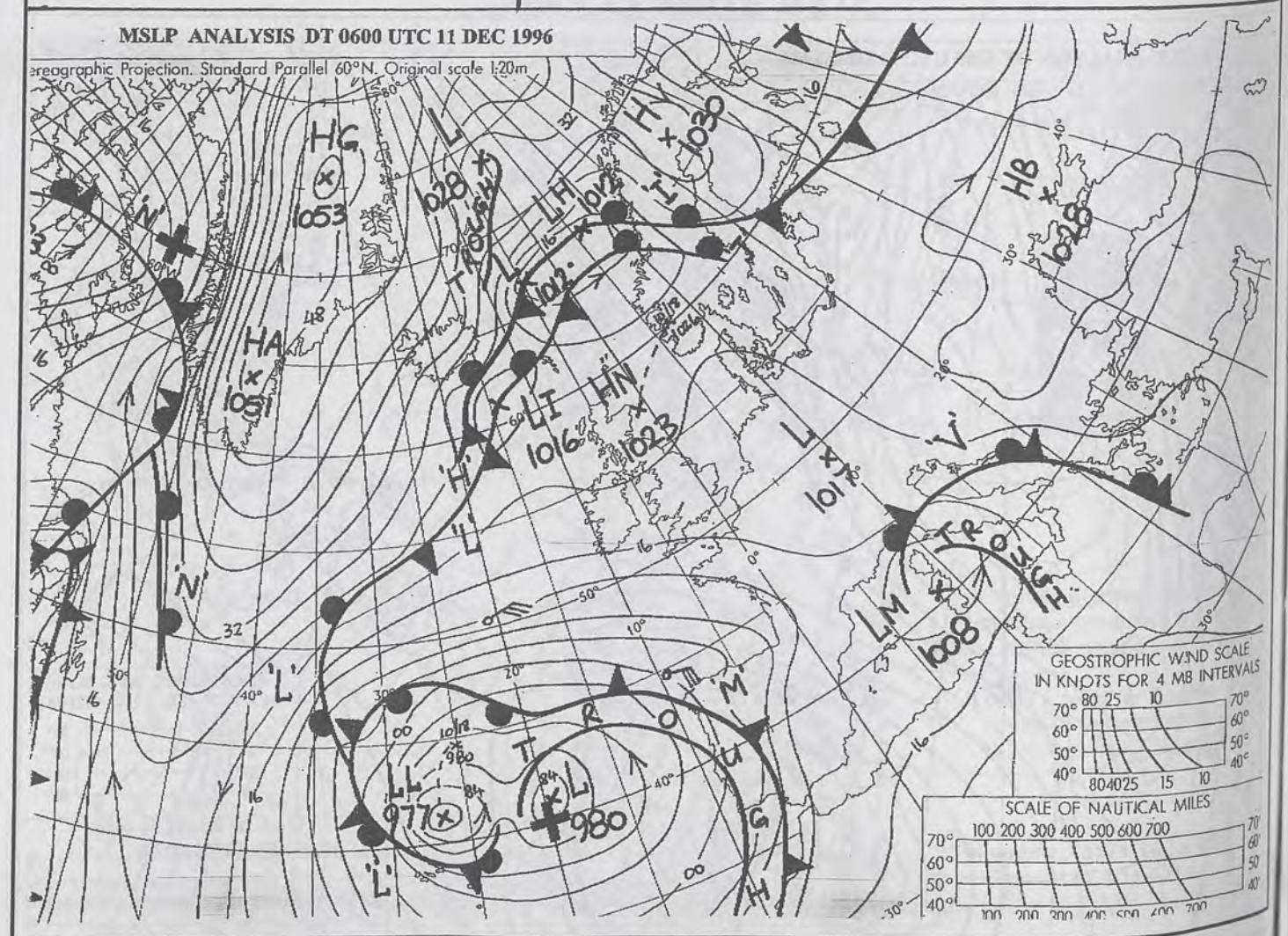
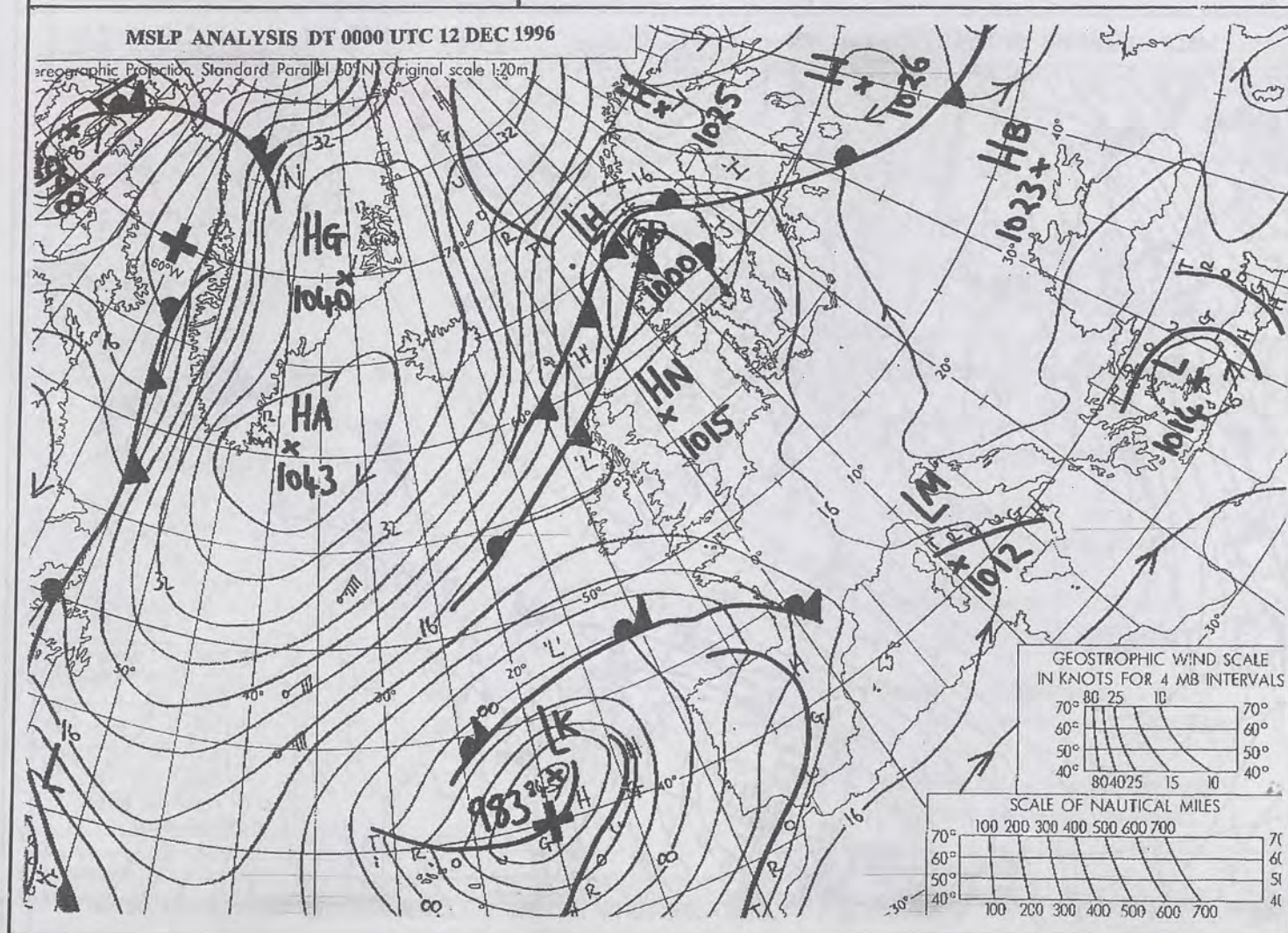
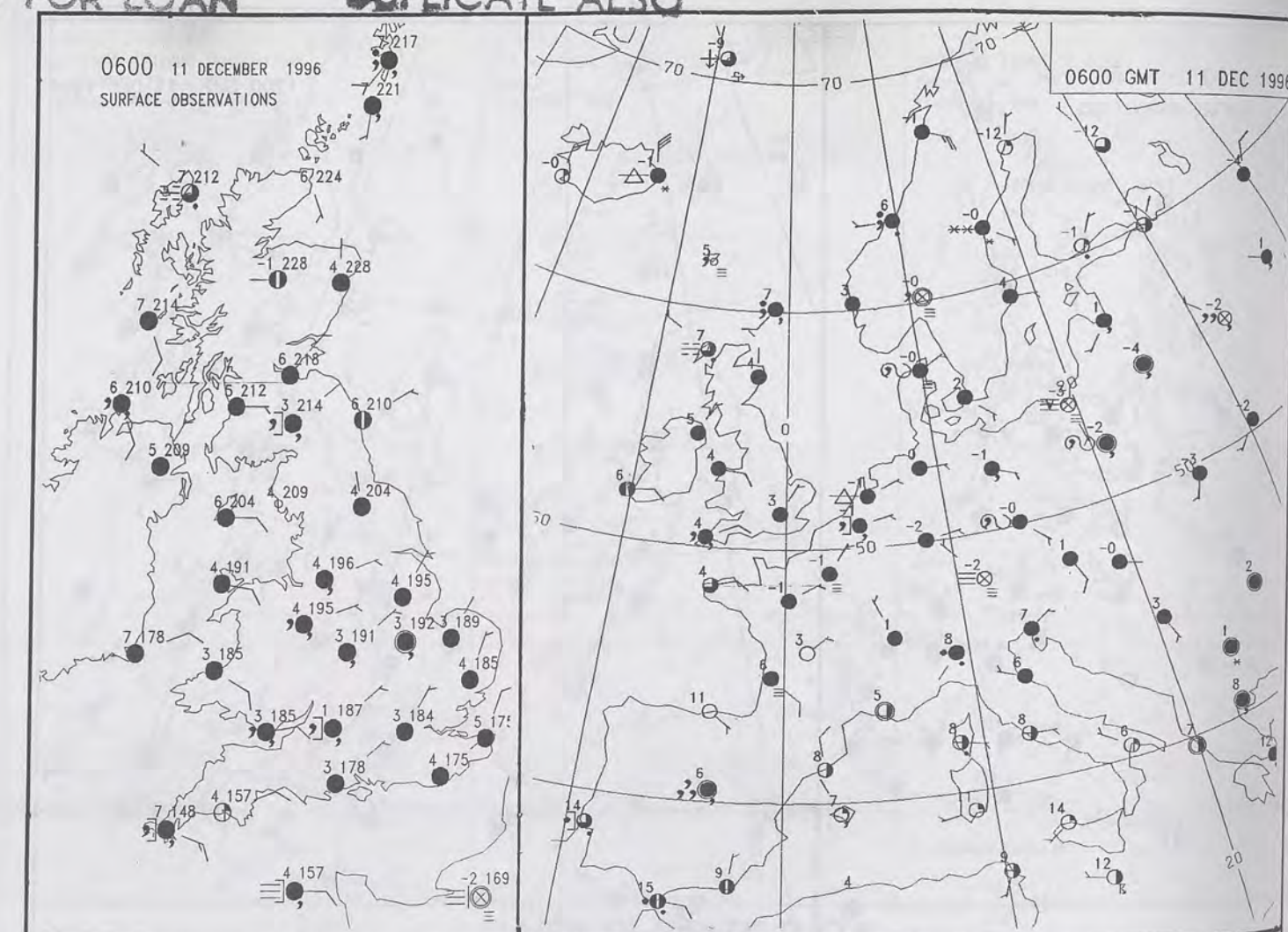
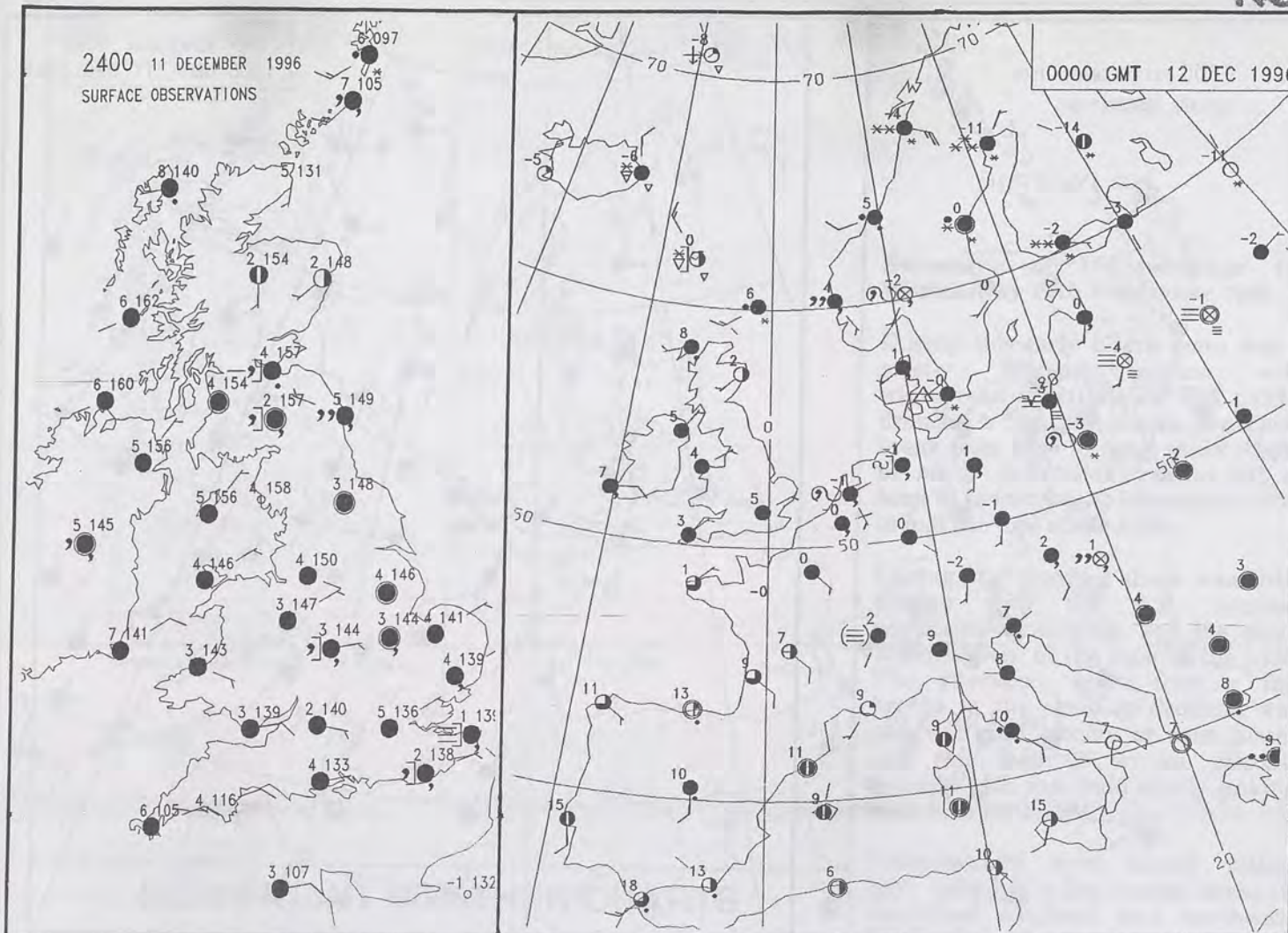
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reographic Projection. Standard Parallel 60°N. Original scale 1:20m









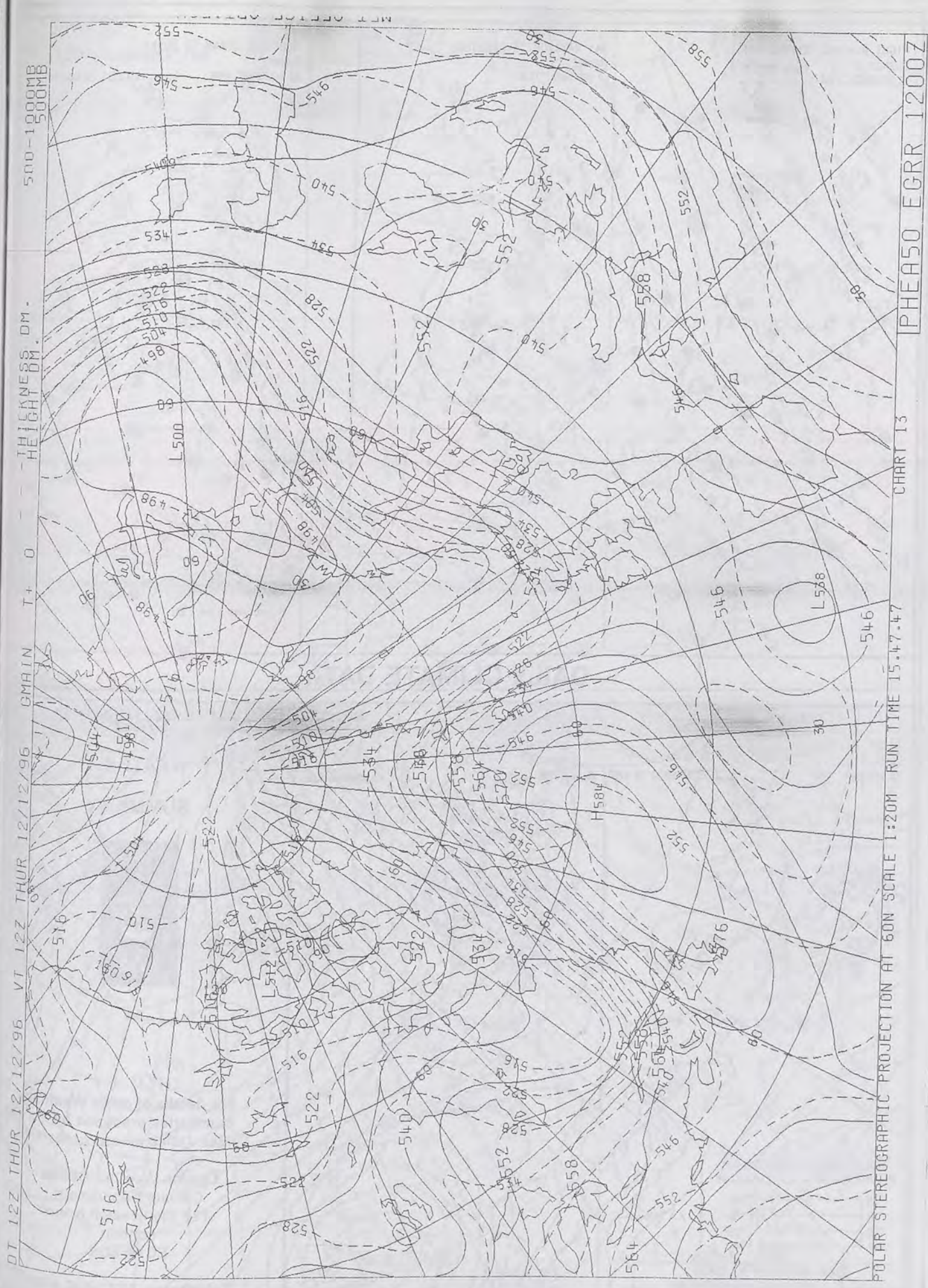
11 DEC 1996

WIND SCALE  
8 INTERVALS

70°  
60°  
50°  
40°

10  
MILES

70  
60  
50  
40  
MILES



The Met. Office

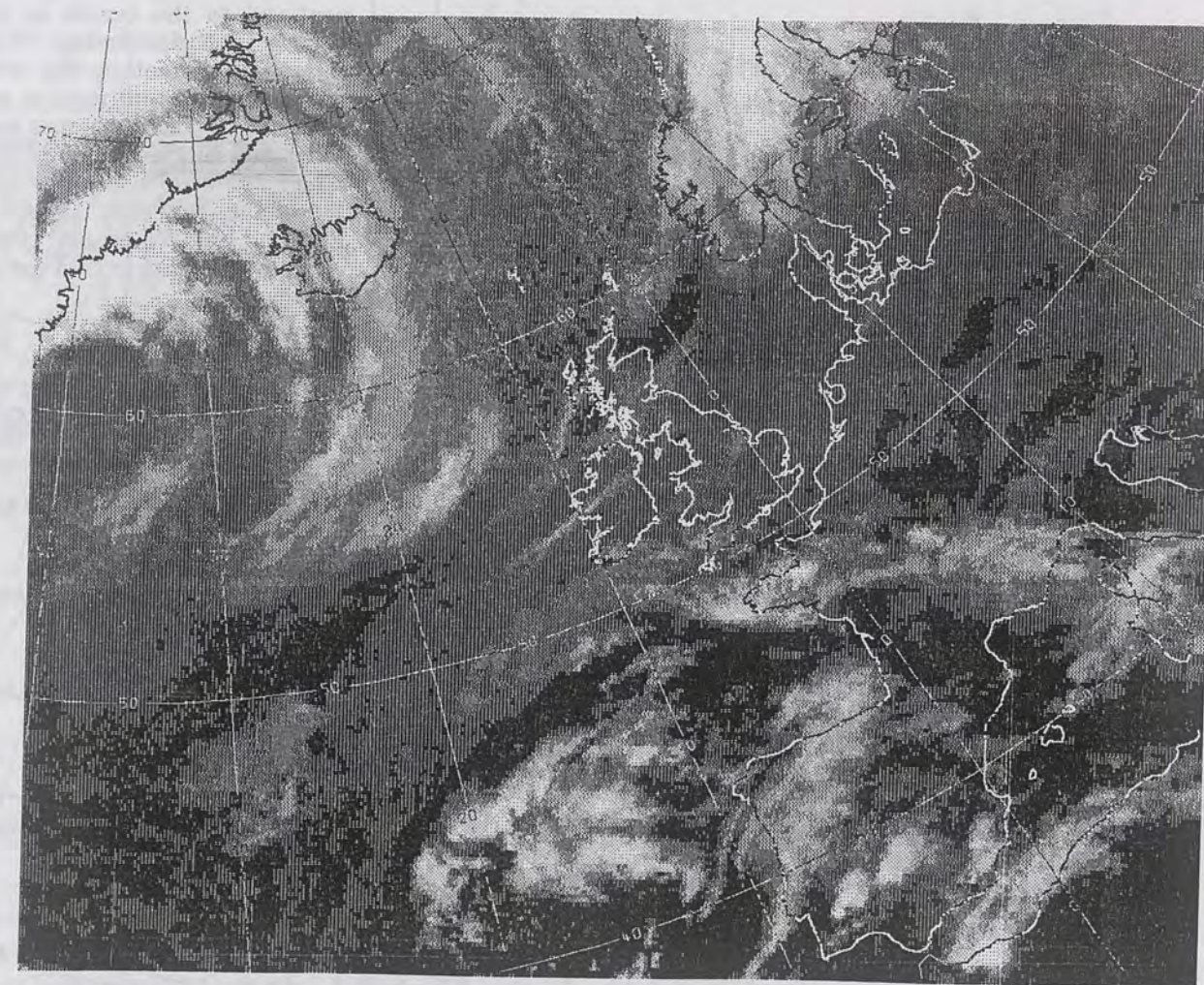
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Thursday  
12th December  
1996

NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 12/12/96  
INFRA-RED

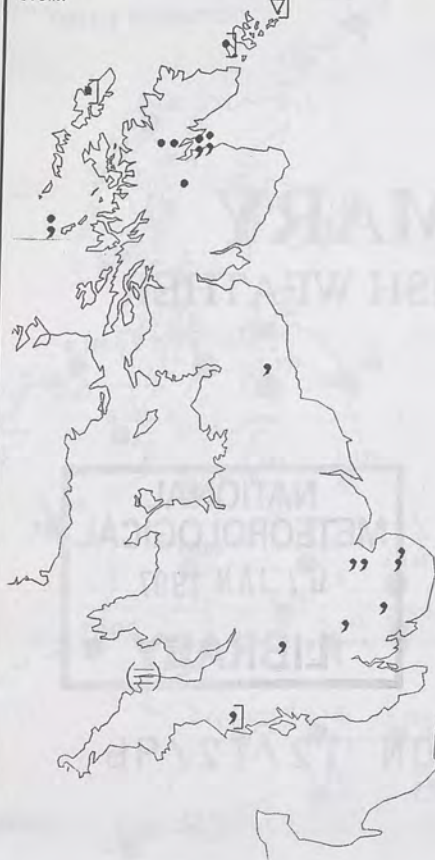


CLOUD-TOP OR LAND/SEA TEMPERATURE

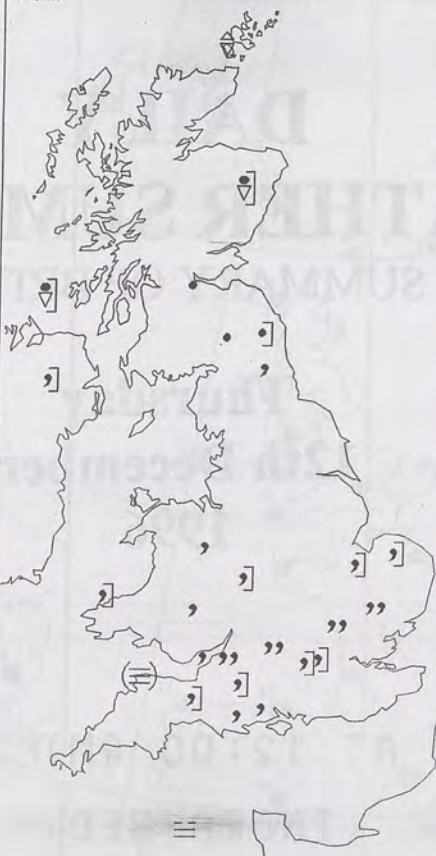
COLD WARM



0600 12 DECEMBER 1996  
SIGWX



1200 12 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 12 DECEMBER 1996  
SIGWX



2400 12 DECEMBER 1996  
SIGWX



### Summary of UK weather for Thursday 12th December 1996

It was a rather cloudy night, especially across England and Wales with extensive low cloud, mist and hill fog. There were outbreaks of drizzle, chiefly across East Anglia and southeast England. Later in the night a band of patchy rain began to cross Scotland from the northwest. Clearer conditions followed, with wintry showers reaching the northern and western Isles by morning.

During the day the patchy rain moved slowly south reaching the Borders by evening, turning to sleet and snow over the Cheviots and northern Pennines. The clearer conditions following gave a brighter day for much of Scotland but with wintry showers, particularly in the north.

During evening the showers became confined to the coasts in the north, with a frost developing. The rest of the country had another day with largely overcast skies and further outbreaks of drizzle especially across eastern and southeast England.

It was a cold day across much of England and Wales, and temperatures were mostly rather cold for the rest of the country.

## EXTREMES

### THURSDAY 12th DECEMBER 1996

**Highest Maximum**  
: 7.7 C Machrihanish [ Kintyre ]

**Lowest Maximum**  
: 1.5 C Kenley [ Greater London ]

**Lowest Minimum**  
: -1.6 C Eskdalemuir  
[ Dumfries and Galloway ]

**Lowest Grass Minimum**  
: -5.0 C Eskdalemuir

**Most Rain (24 hrs from 0900 GMT)**  
: 8.8mm Glenlivet [ Grampian ]

**Most Sunshine**  
: 3.7 hrs Tiree [ Inner Hebrides ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
12 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
12 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
12 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
12 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
12 DECEMBER 1996



## DAILY WEATHER SUMMARY



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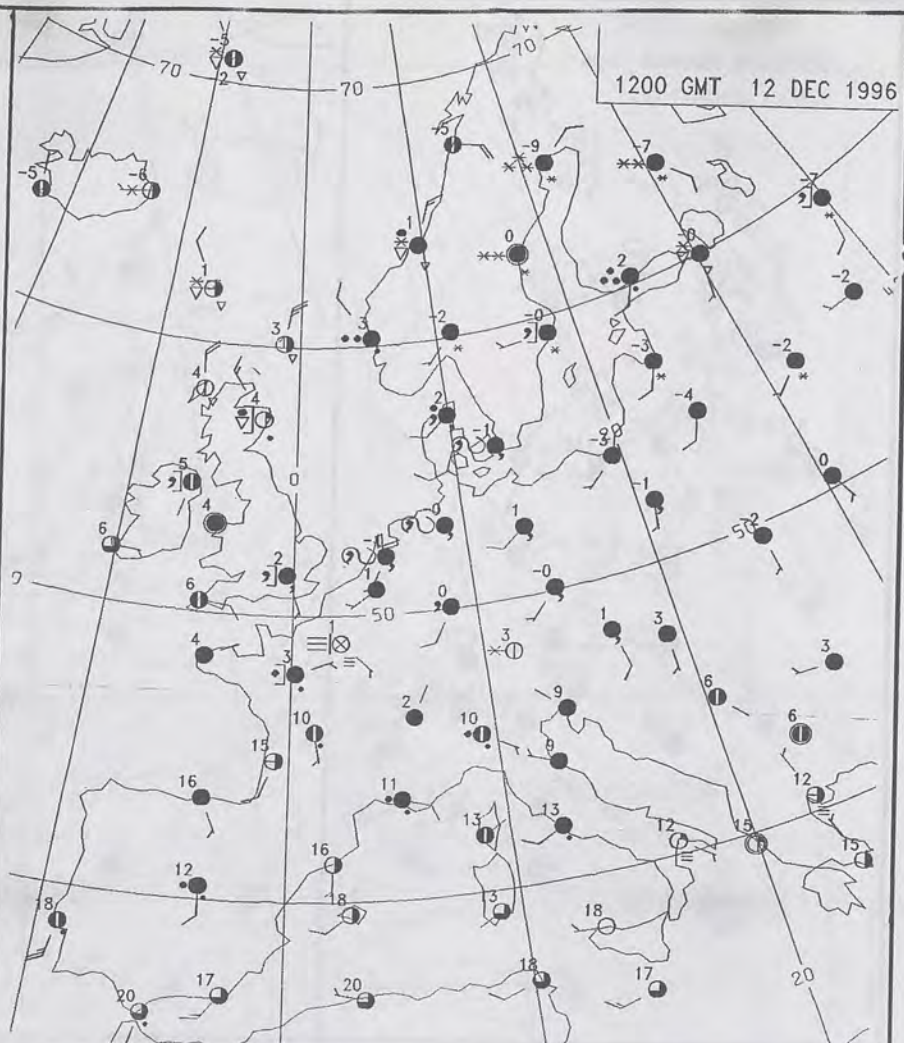
Telephone: 0171 405 4358  
Fax: 0171 404 4314



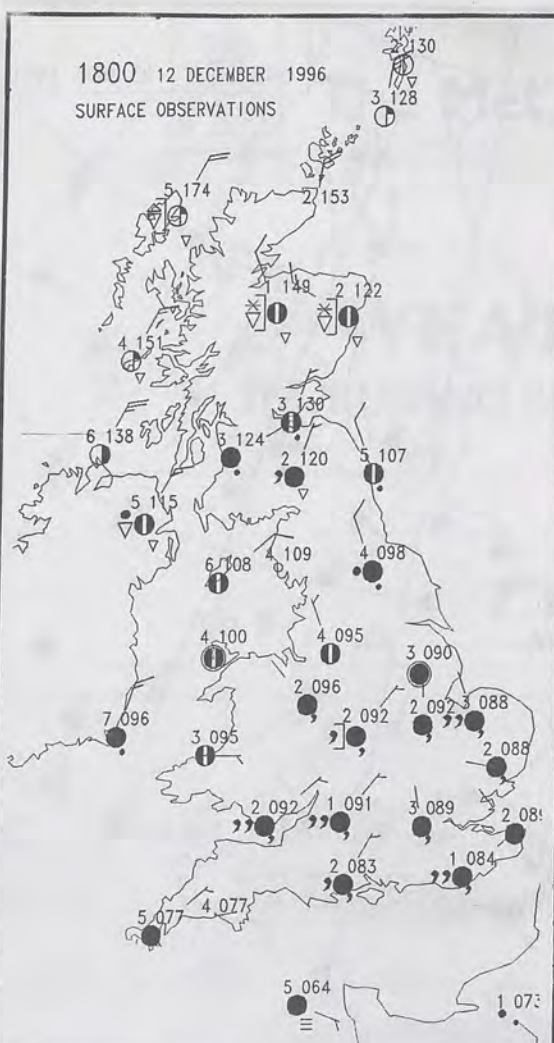
1200 12 DECEMBER 1996  
SURFACE OBSERVATIONS



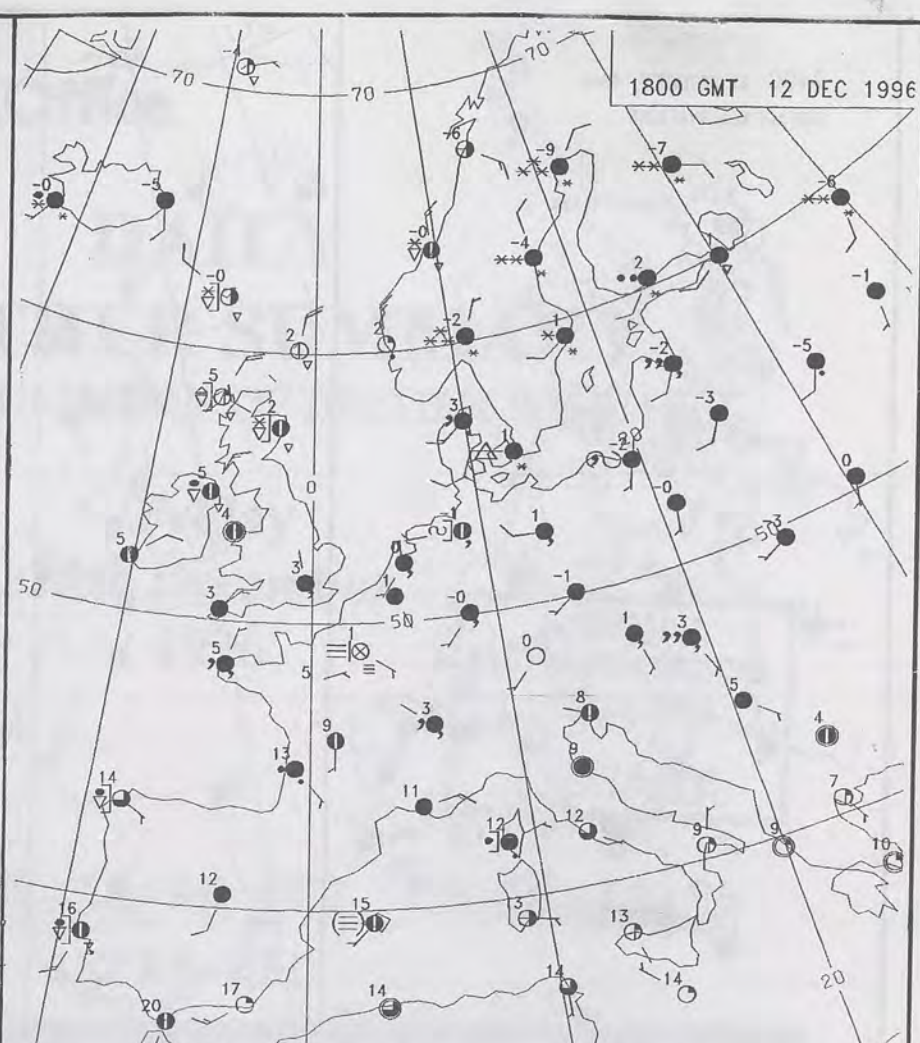
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1800 12 DECEMBER 1996  
SURFACE OBSERVATIONS

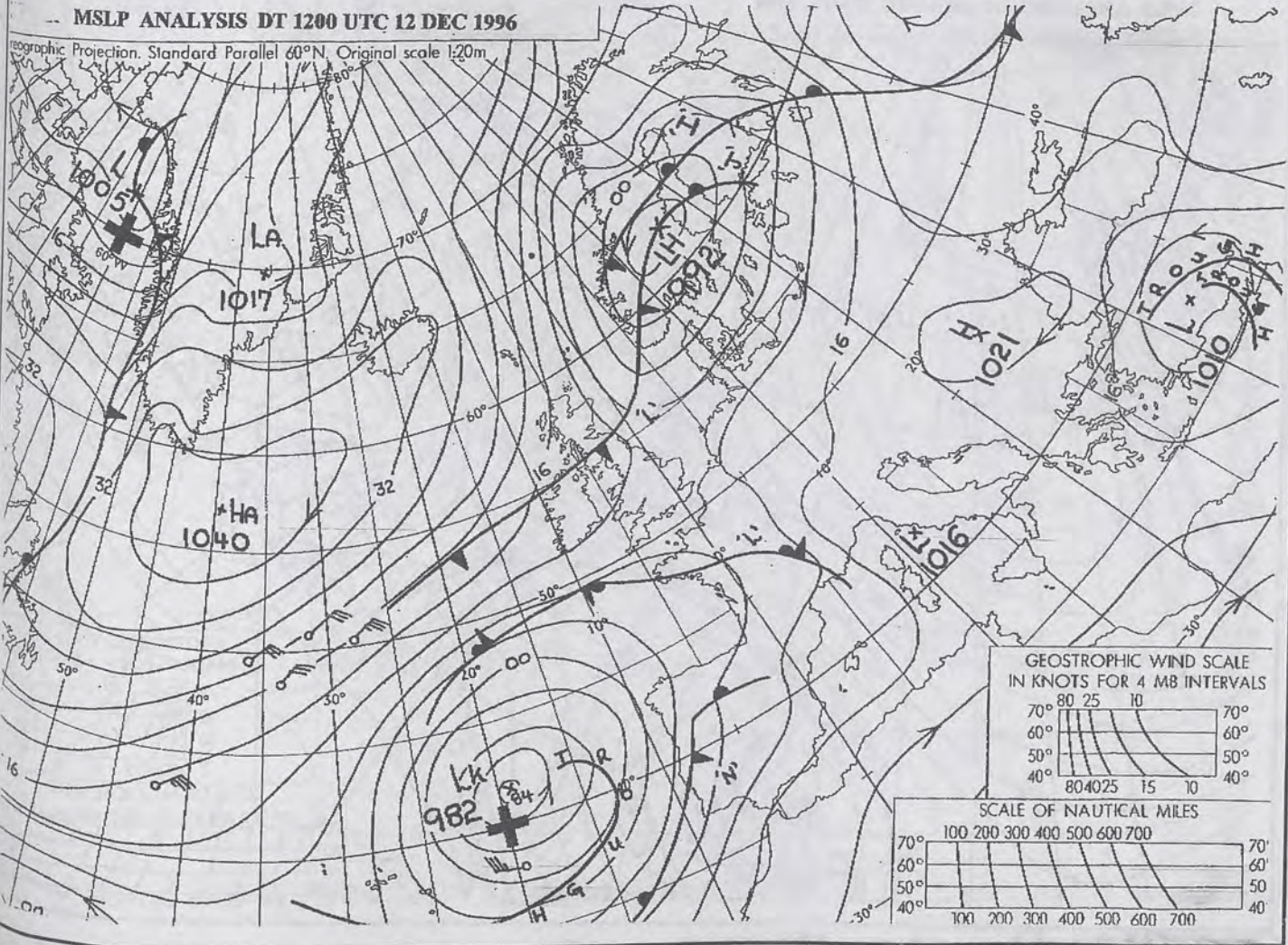


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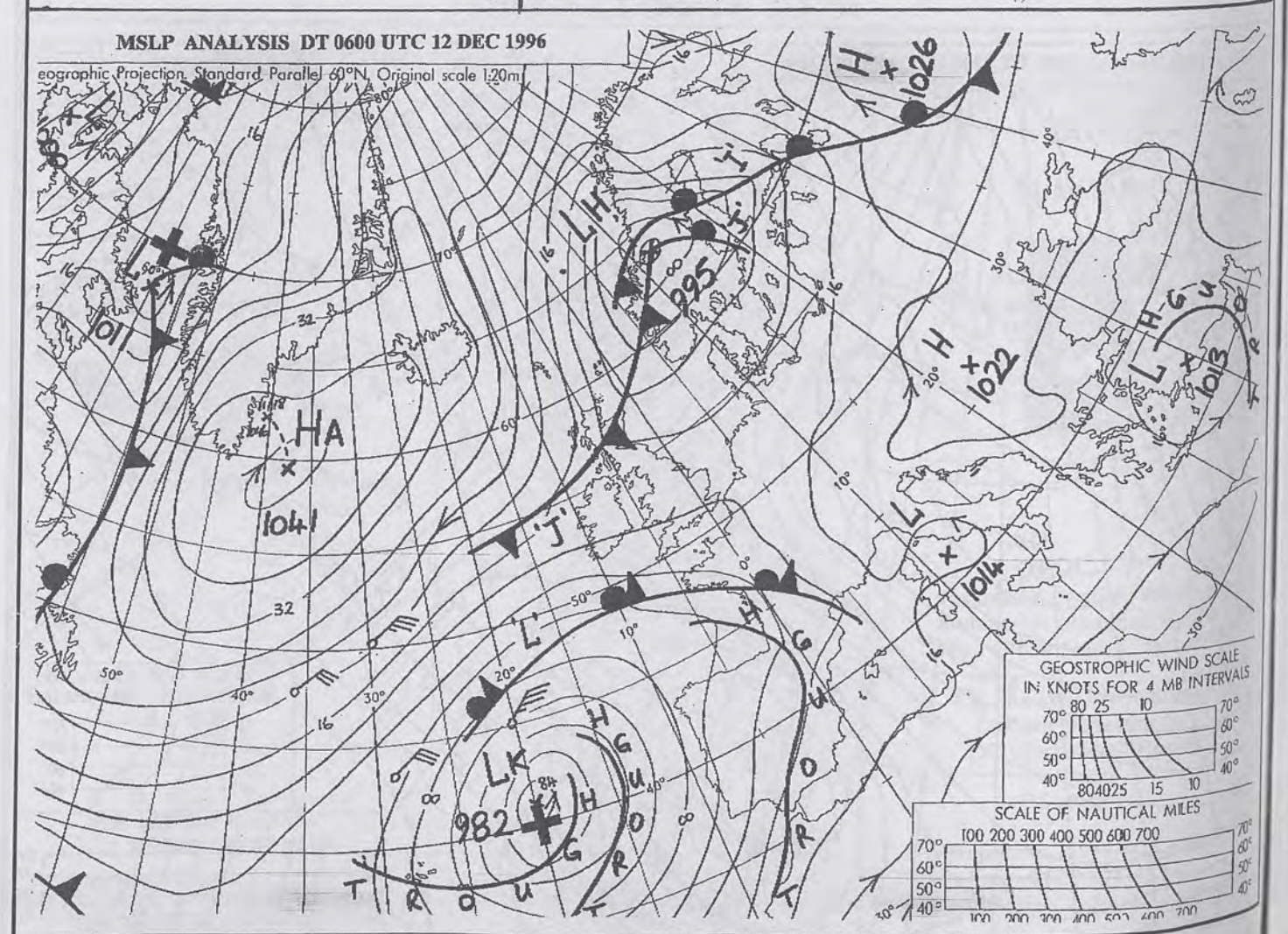
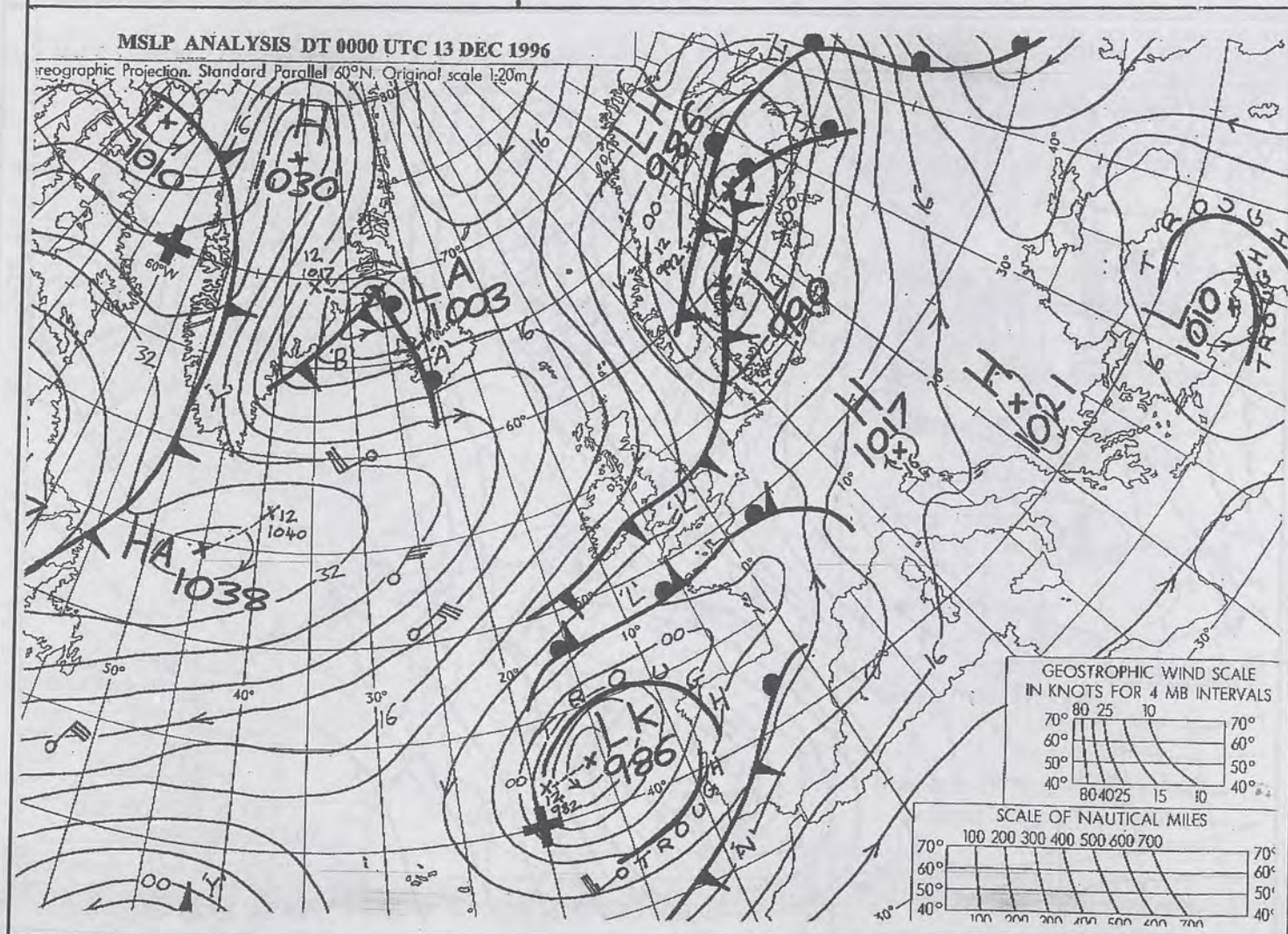
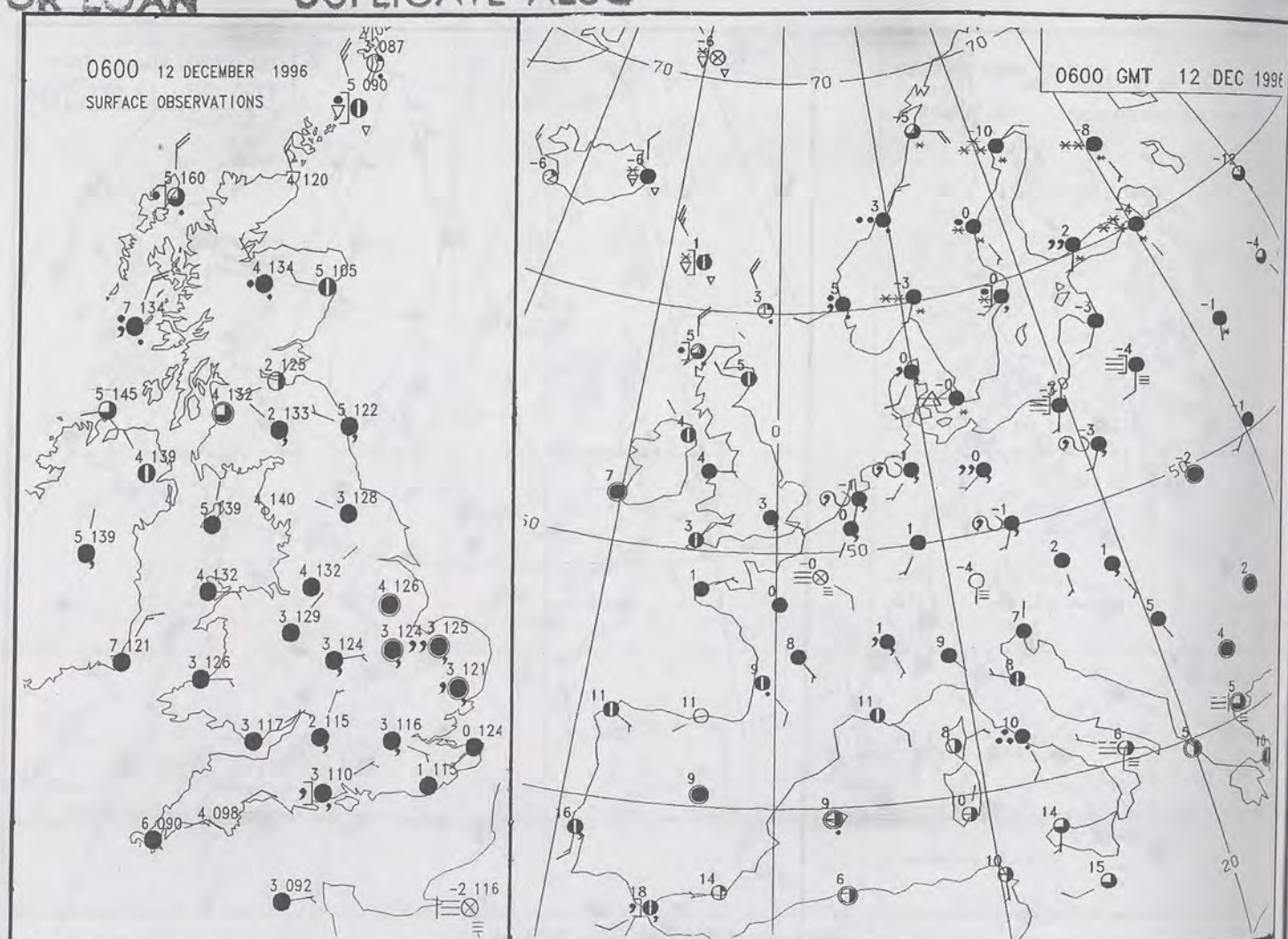
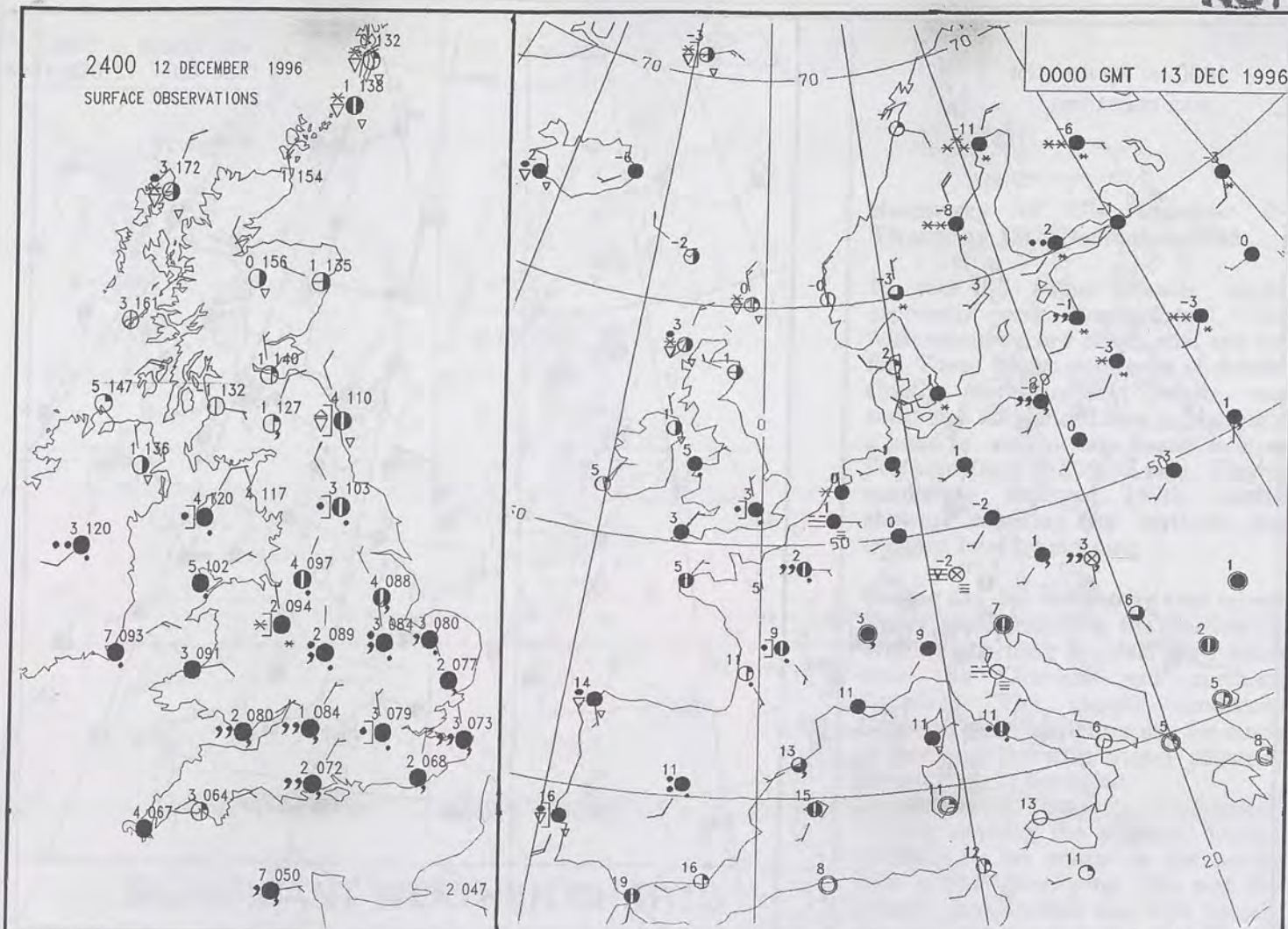


MSLP ANALYSIS DT 1200 UTC 12 DEC 1996

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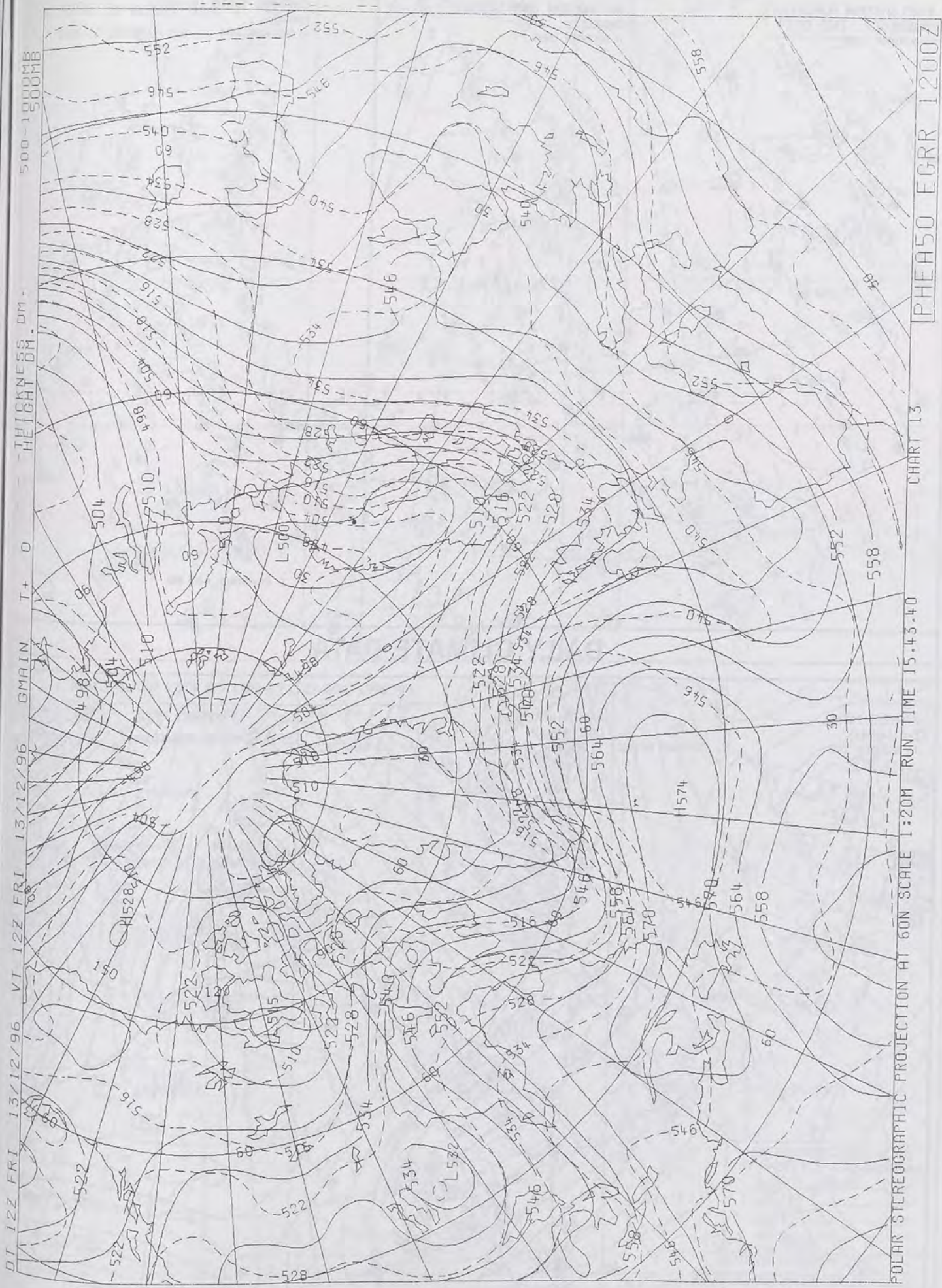
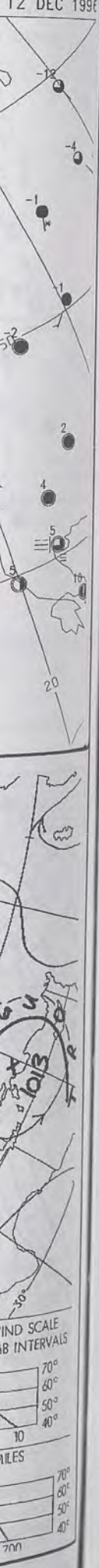








12 DEC 1996



The Met. Office

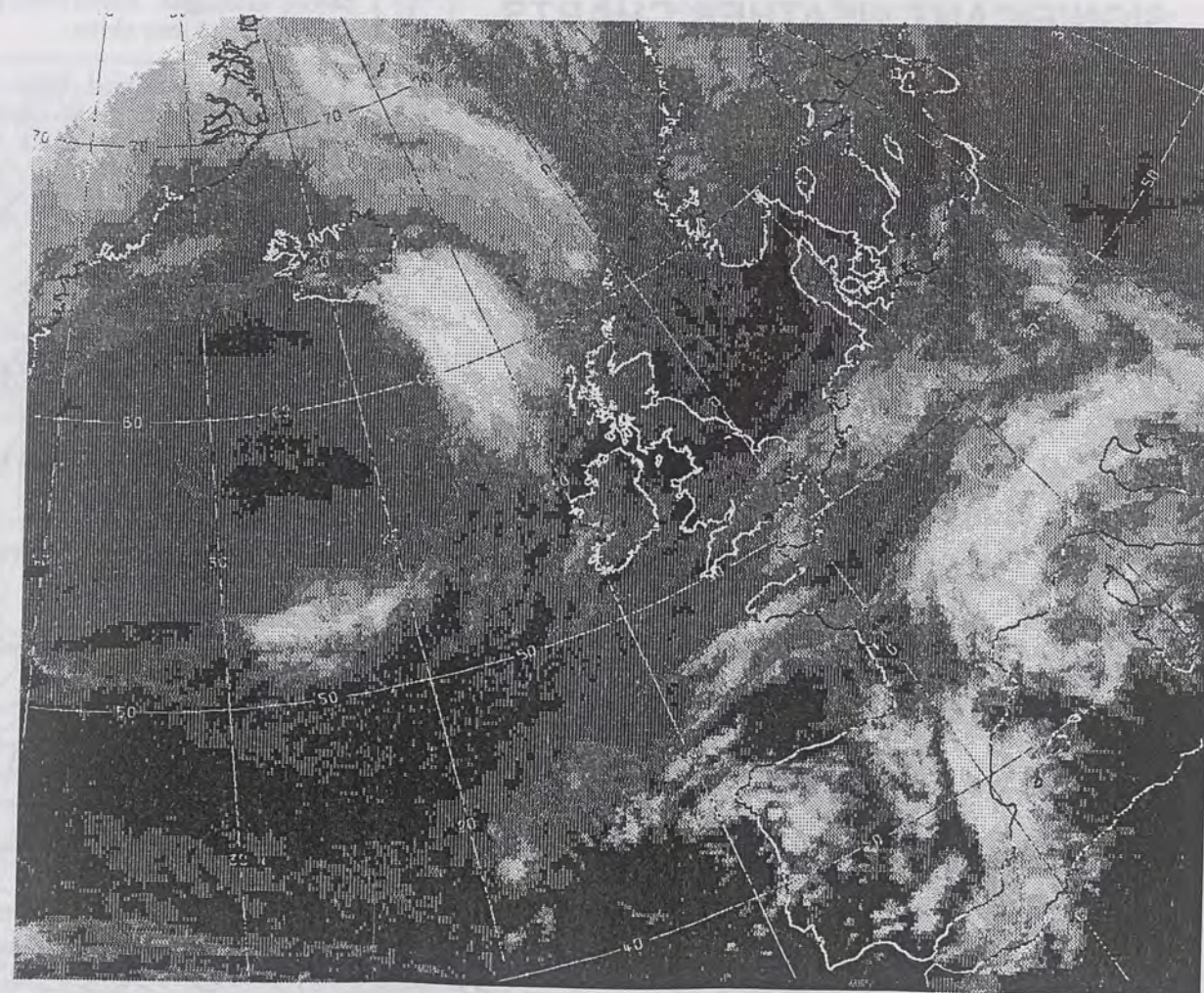
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Friday  
13th December  
1996

NATIONAL  
METEOROLOGICAL  
LIBRARY  
07 JAN 1997

METEOSAT AT 12:00 GMT ON 13/12/96  
INFRA-RED

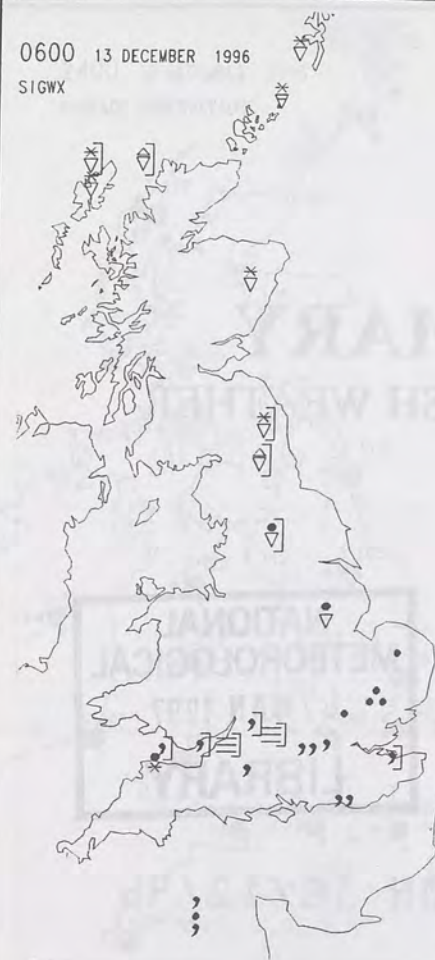


CLOUD-TOP OR LAND/SEA TEMPERATURE

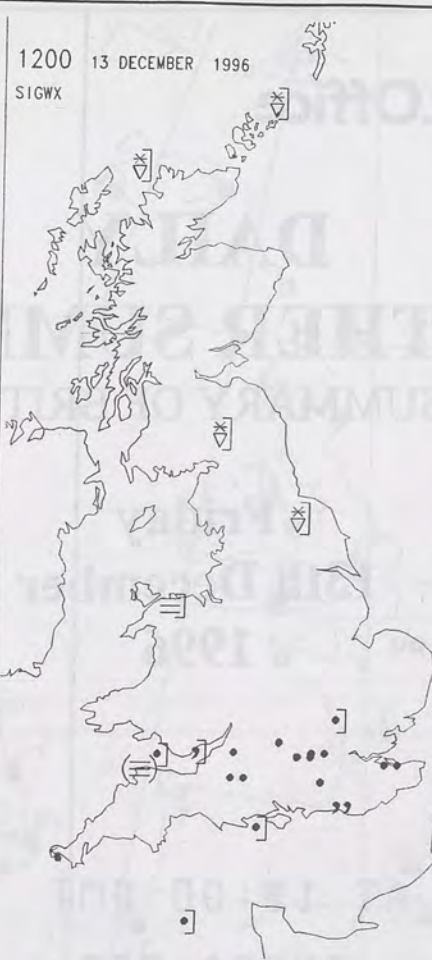
COLD WARM



0600 13 DECEMBER 1996  
SIGWX



1200 13 DECEMBER 1996  
SIGWX



### Summary of UK weather for Friday 13th December 1996

The early hours saw wintry showers reported in parts of Scotland and northeast England, while further south cloud cover was producing rain and drizzle in places, and over higher ground some sleet or snow. There were reports of freezing drizzle on the moors of southwest England.

During the morning wintry showers continued to affect coastal Scotland and northeast England, while the rain, sleet or snow slipped south to southern England.

The afternoon was dry from London northwards, apart from a few wintry showers in northwest Scotland and the Northern Isles. The cloud and rain slowly cleared southern England, the Channel coast of Sussex and Kent drying up around dusk.

More persistent rain, sleet or snow spread into northwest Scotland in the evening, reaching across to Aberdeen before midnight. Elsewhere it was dry with almost clear skies.

Temperatures varied from very cold on higher ground in Scotland, to rather cold in sunnier parts of England and Wales.

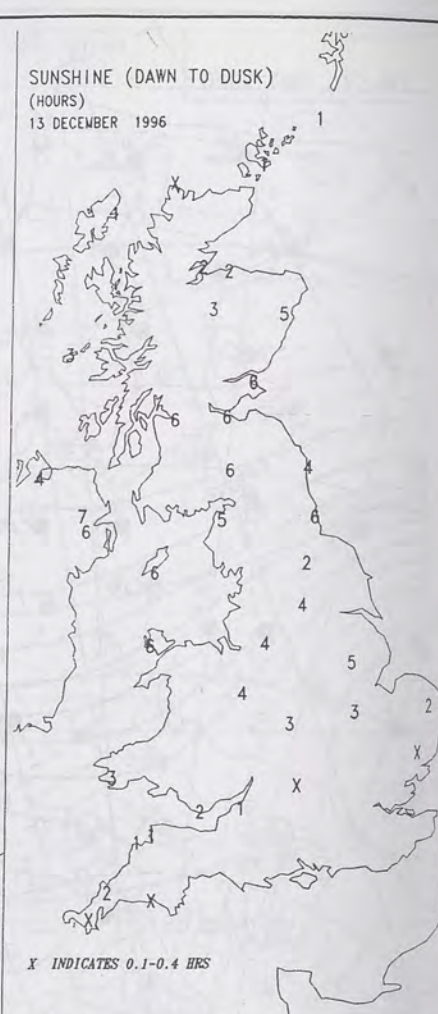
NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
13 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
13 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
13 DECEMBER 1996



X INDICATES 0.1-0.4 HRS

## SIGNIFICANT WEATHER CHARTS

1800 13 DECEMBER 1996  
SIGWX



2400 13 DECEMBER 1996  
SIGWX



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
13 DECEMBER 1996



X INDICATES TRACE TO 0.4 MM

DAY RAINFALL  
(MILLIMETRES)  
13 DECEMBER 1996



X INDICATES TRACE TO 0.4 MM

13 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)



X INDICATES TRACE TO 0.4 CM

## EXTREMES

FRIDAY 13th DECEMBER 1996

Highest Maximum

: 8.5 C Guernsey / L'Ancresse

Lowest Maximum

: -0.1 C Drumlabin [ Strathclyde ]

Lowest Minimum

: -8.3 C Loch Glascarnoch [ Highland ]

Lowest Grass Minimum

: -11.4 C Aviemore [ Highland ]

Most Rain (24 hrs from 0900 GMT)

: 12.4mm Baltasound [ Shetland ]

Most Sunshine

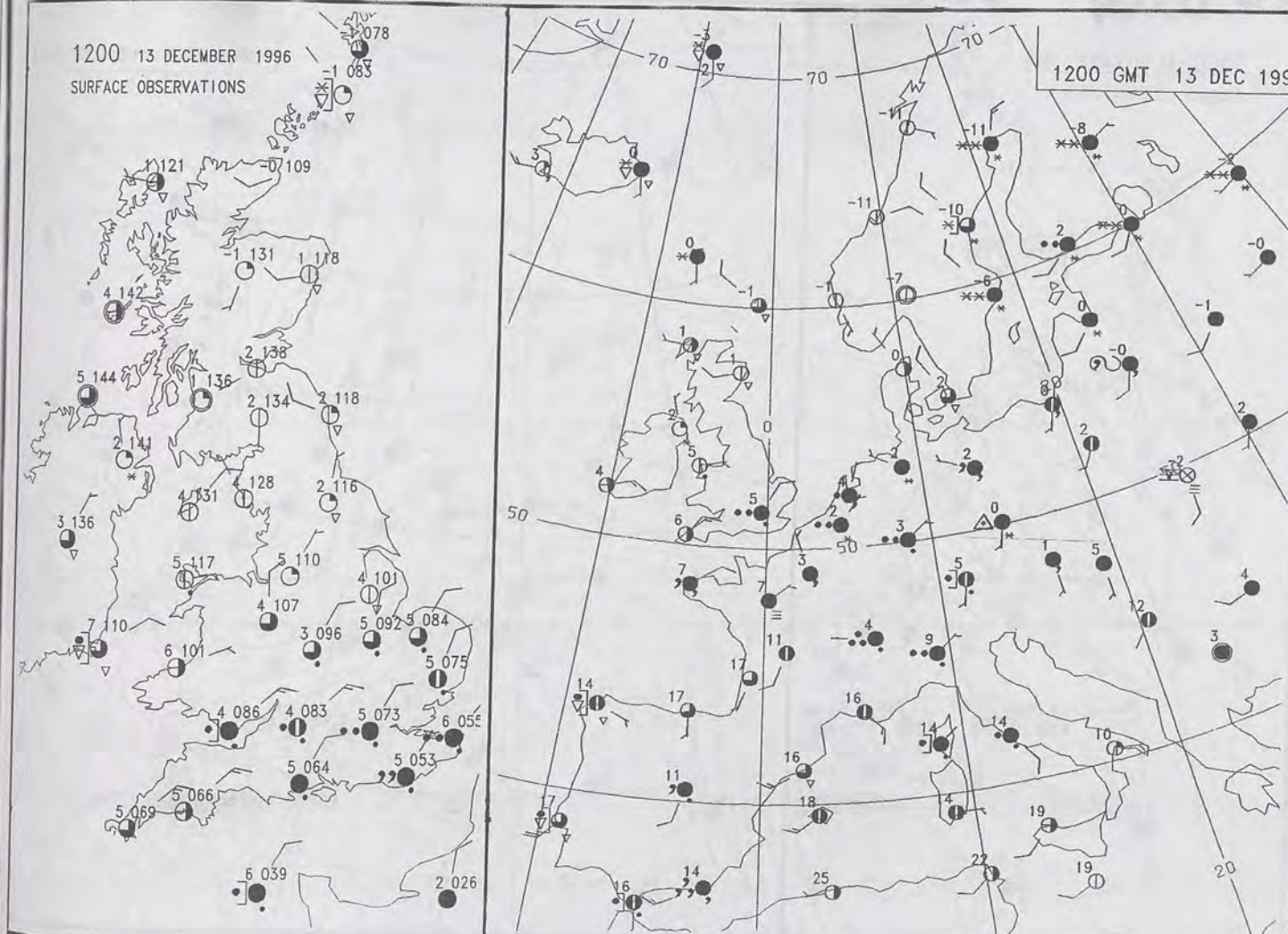
: 6.6 hrs Belfast

Published by London Weather Centre. All times are GMT.



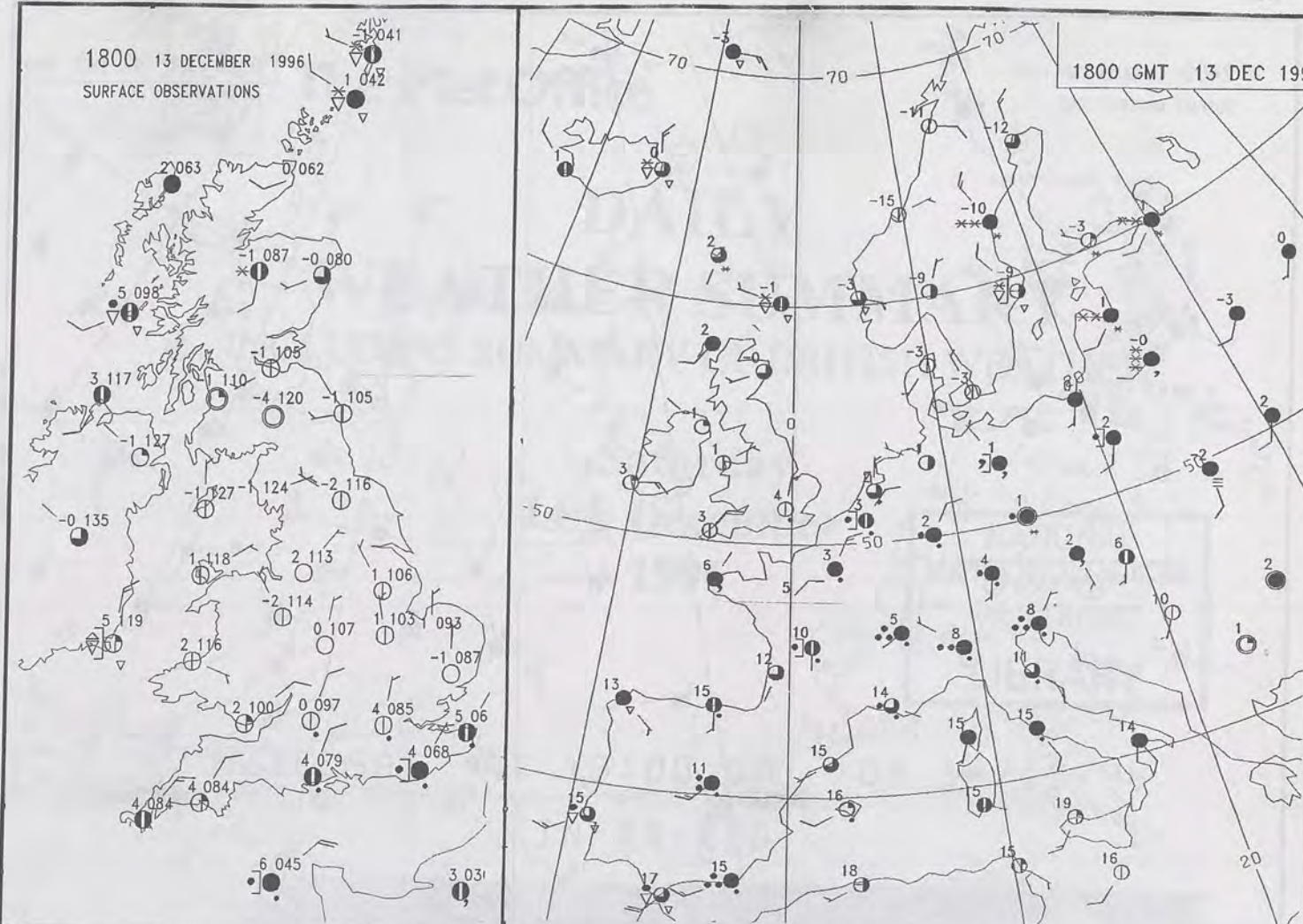
1200 13 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 13 DEC 1996



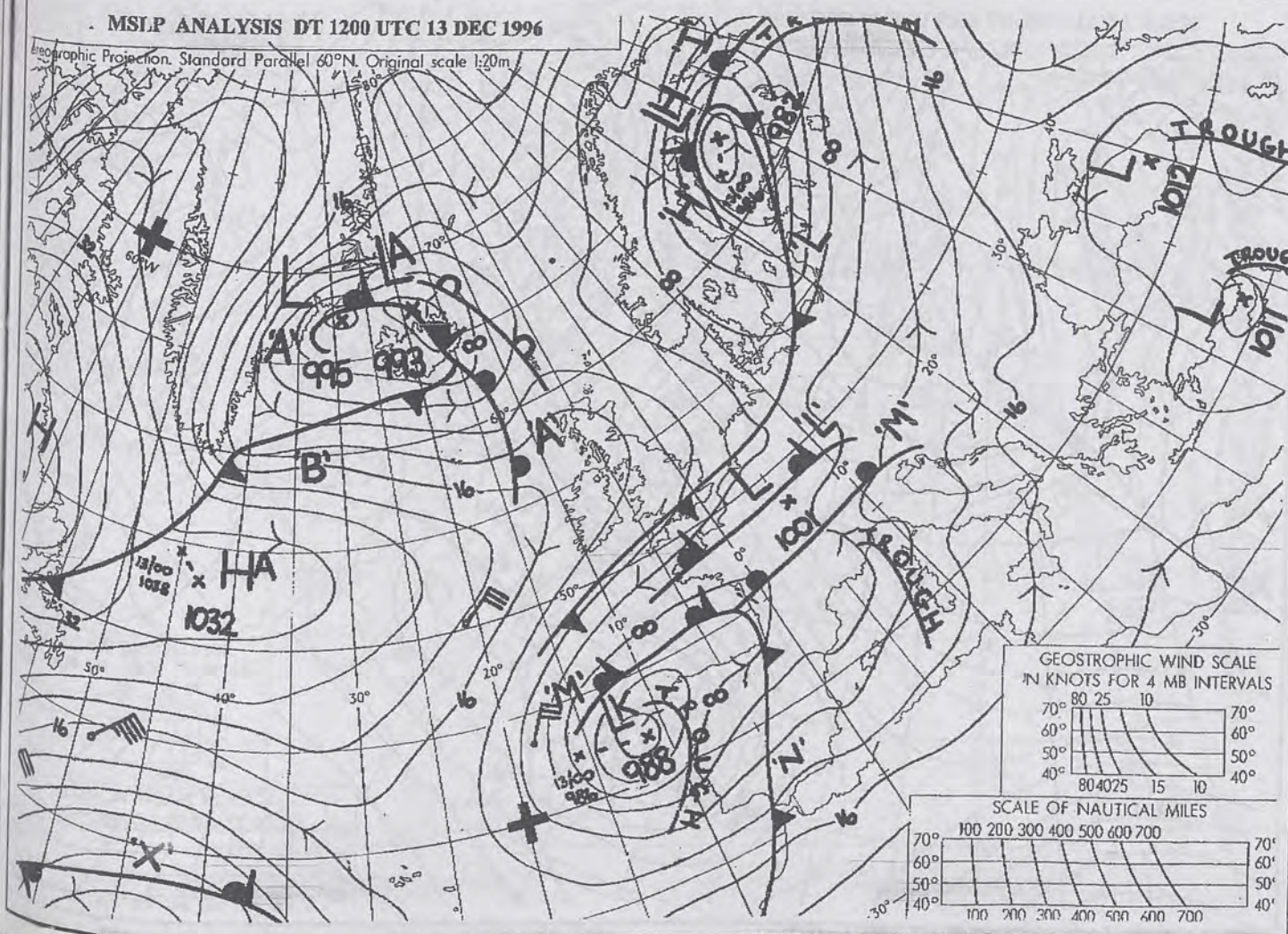
1800 13 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 13 DEC 1996

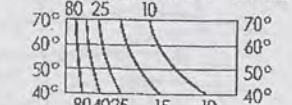


MSLP ANALYSIS DT 1200 UTC 13 DEC 1996

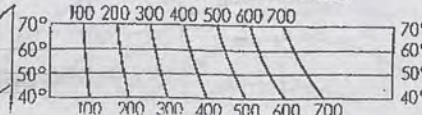
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GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS

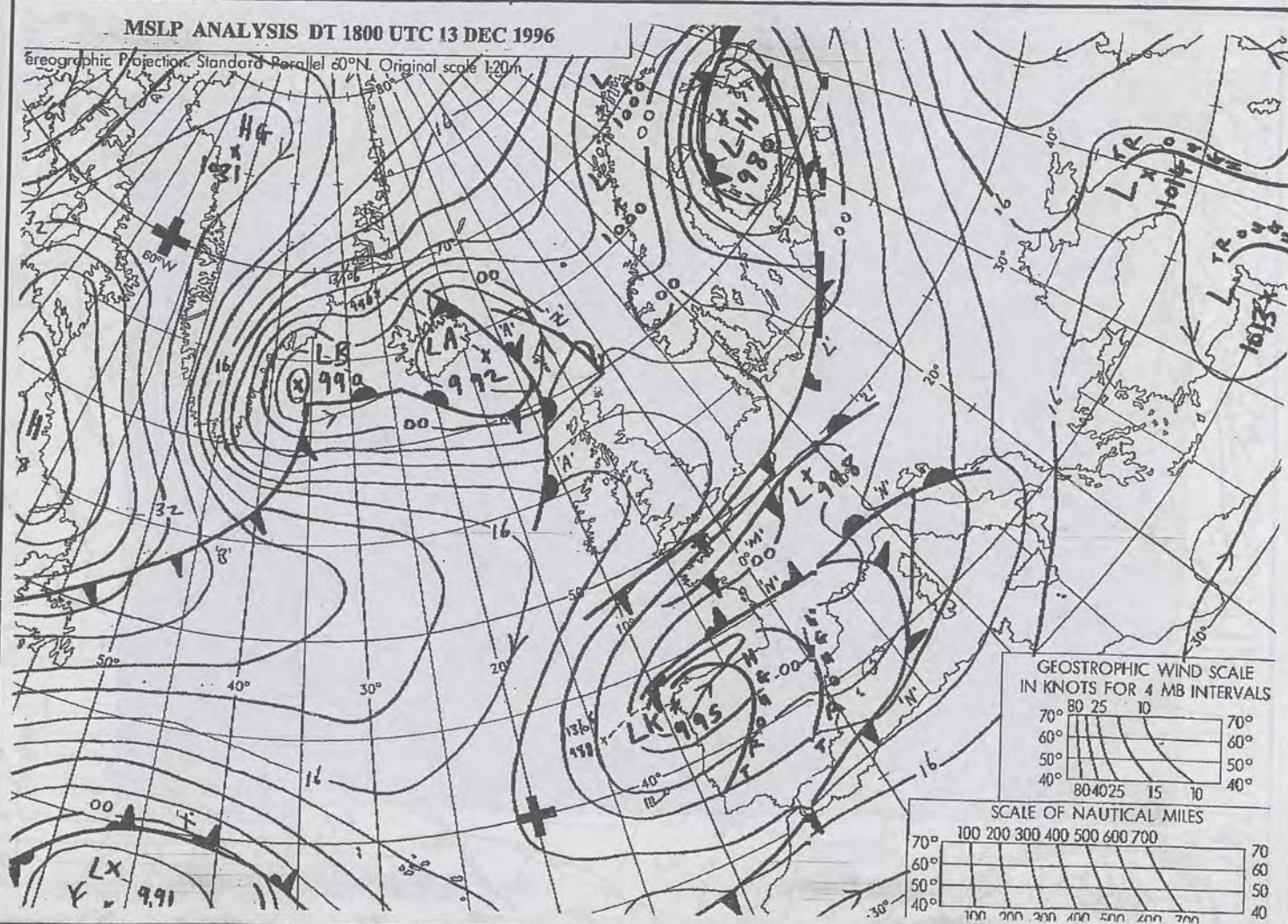


SCALE OF NAUTICAL MILES

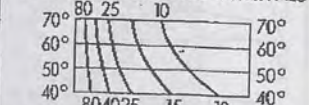


MSLP ANALYSIS DT 1800 UTC 13 DEC 1996

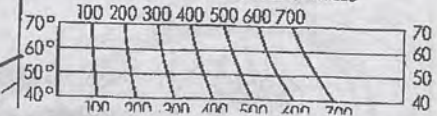
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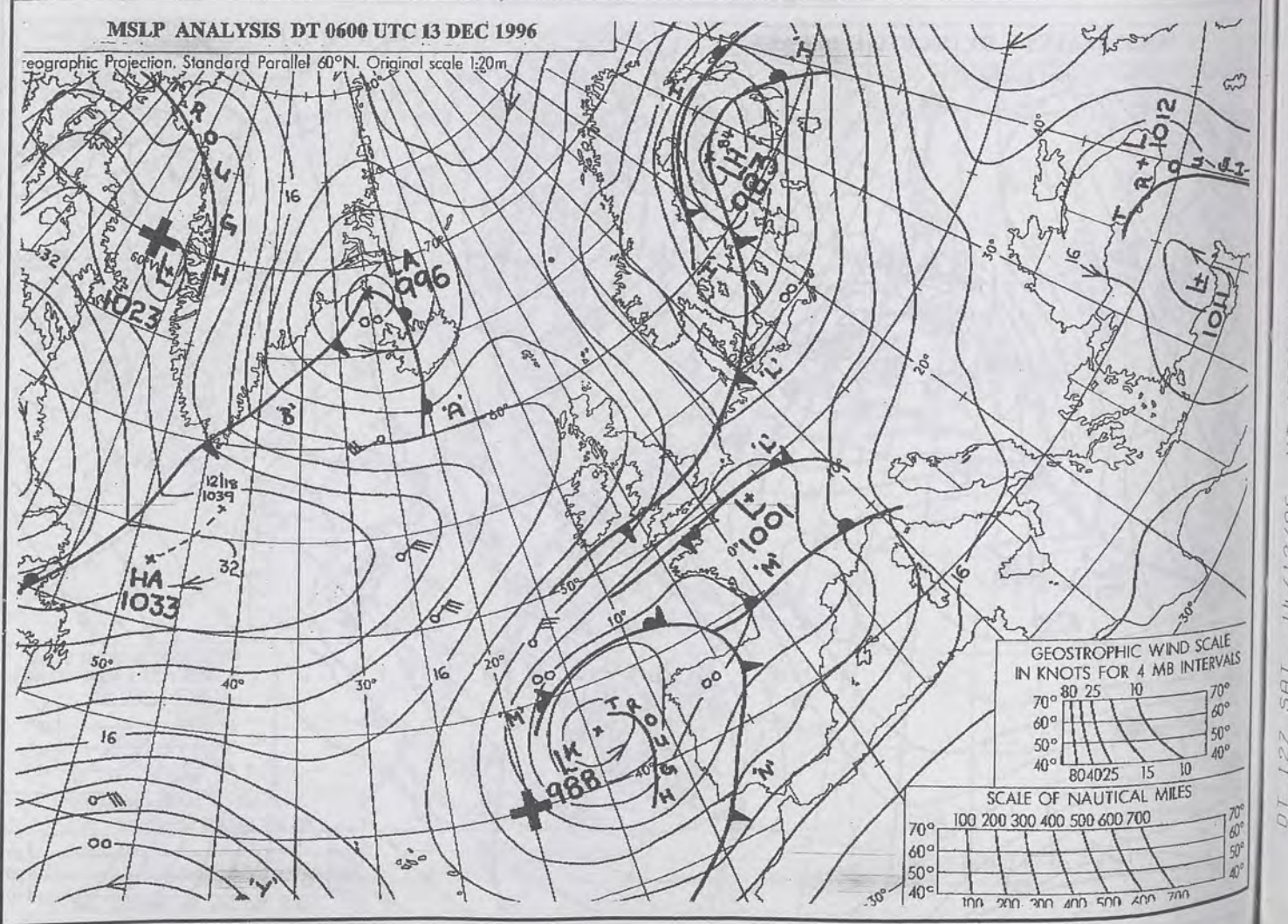
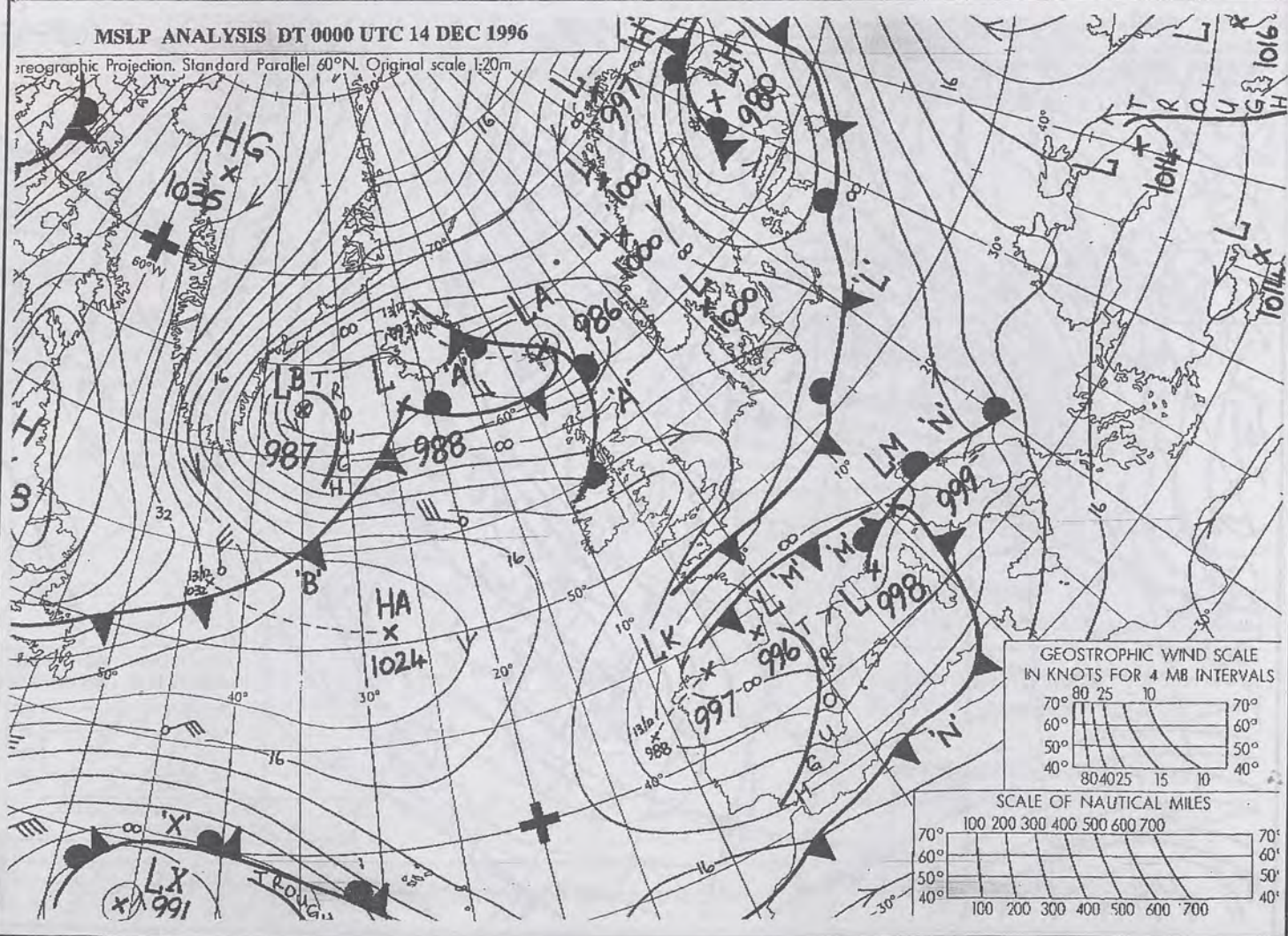
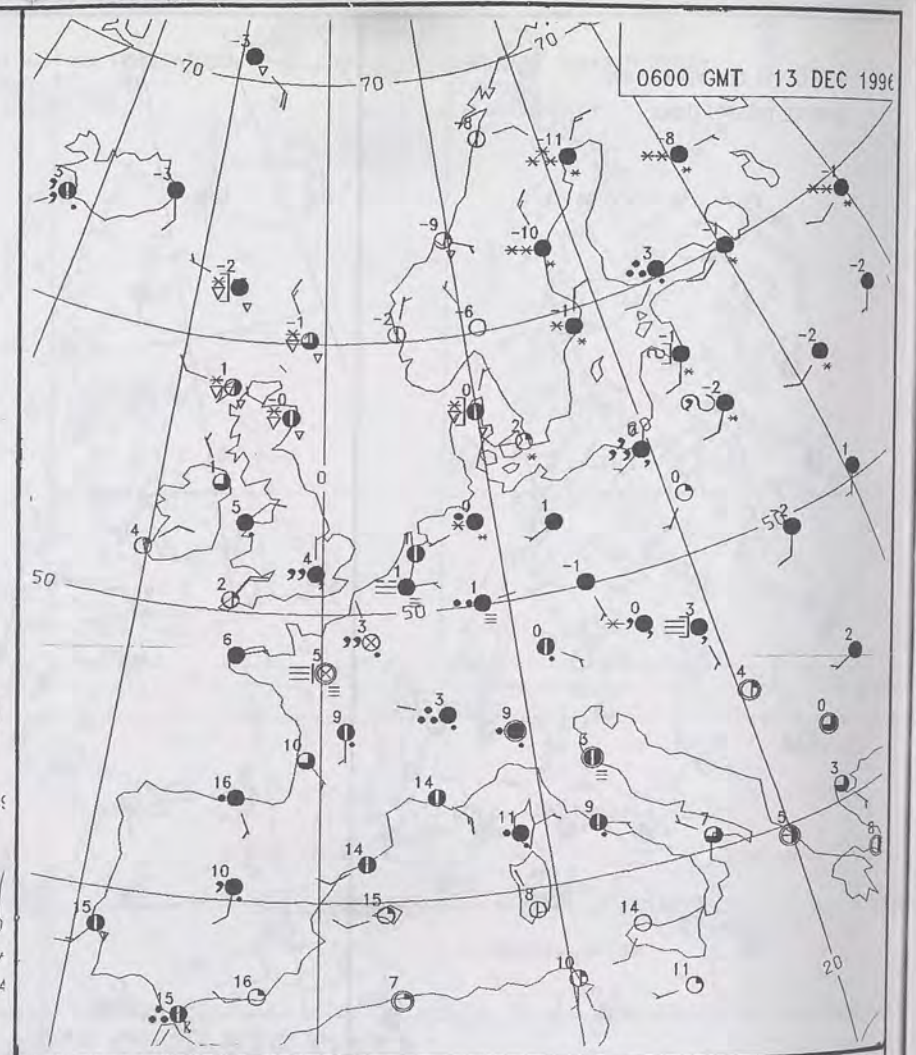
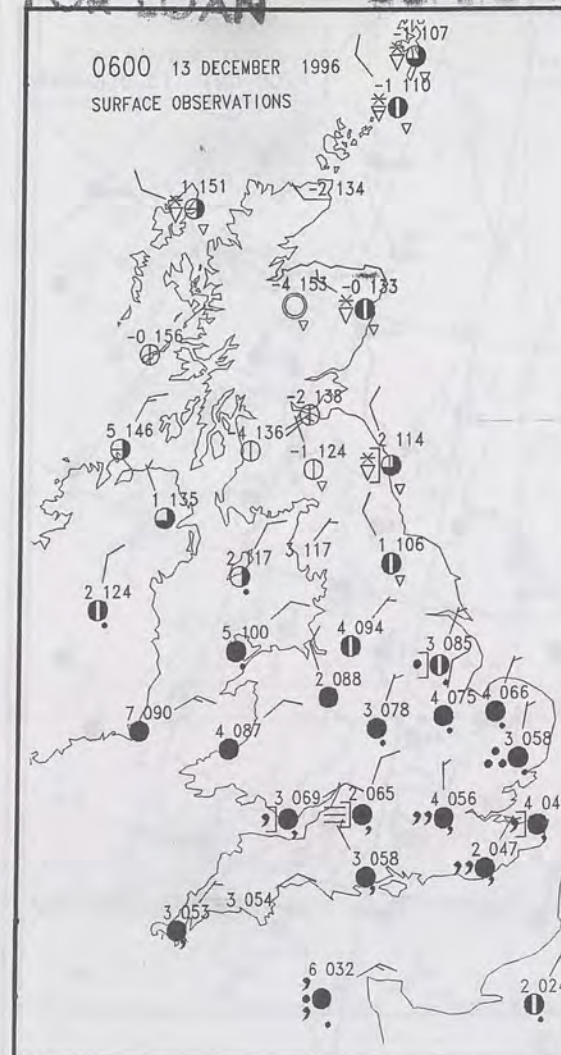
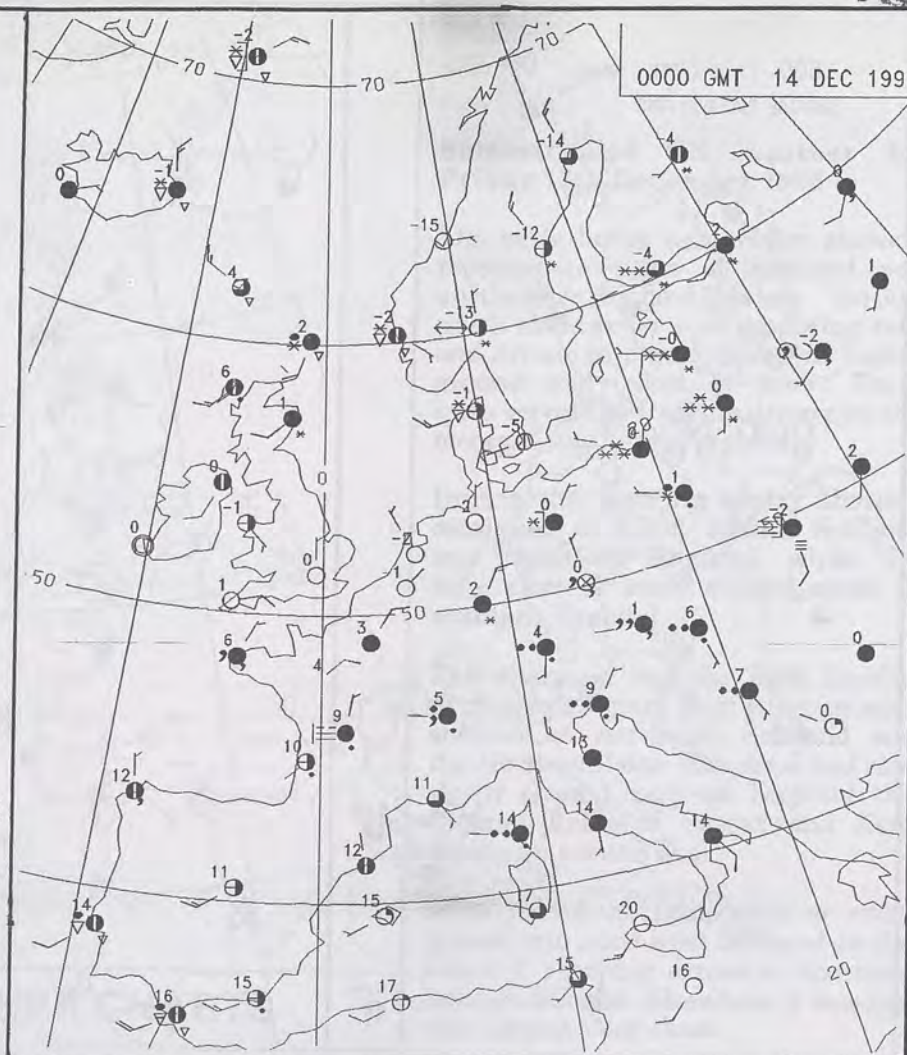
GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



SCALE OF NAUTICAL MILES









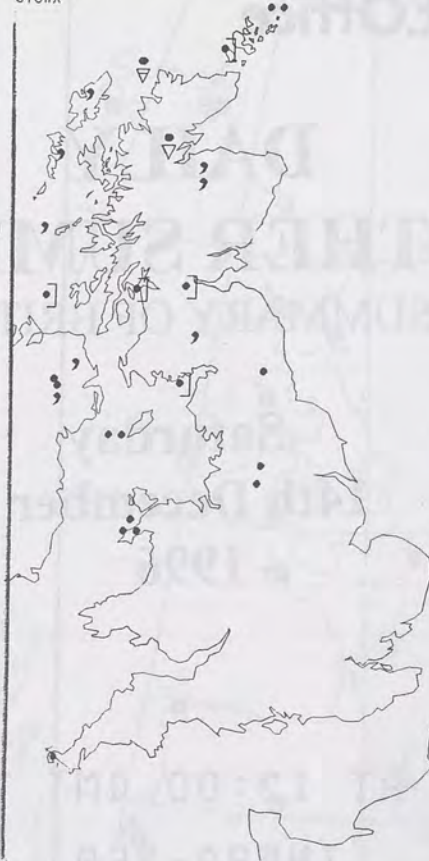




0600 14 DECEMBER 1996  
SIGWX



1200 14 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 14 DECEMBER 1996  
SIGWX



2400 14 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Saturday 14th December 1996

It was a cold clear night across much of England and Wales with a sharp frost in most places and some mist and fog patches by morning. It became more cloudy across Scotland and Northern Ireland and some rain spread in from the west. For a time there was some sleet and snow in places but it turned to rain by morning.

During the day most of Scotland and Northern Ireland continued to be cloudy with outbreaks of rain or drizzle although some more sheltered eastern areas stayed dry. Outbreaks of rain also spread into parts of northern England and north Wales but the south and east of England stayed dry and bright with some sunshine.

In the evening the cloud spread into southern parts of England. There were outbreaks of rain or drizzle in Scotland, Northern Ireland, Wales and western and northern parts of England but central, southern and eastern parts stayed dry.

It was quite a windy day across Scotland and generally breezy in other northern and western areas.

After a sharp frost overnight in many areas, England and Wales were near normal in the north and west but cold or rather cold in the south and east. In Scotland and Northern Ireland though temperatures were near normal or even mild in places.

## EXTREMES

### SATURDAY 14th DECEMBER 1996

**Highest Maximum**  
: 11.2 C Greenock [ Strathclyde ]

**Lowest Maximum**  
: 2.4 C Wattisham [ Suffolk ]

**Lowest Minimum**  
: -8.5 C Benson [ Oxfordshire ]

**Lowest Grass Minimum**  
: -12.1 C Birmingham

**Most Rain (24 hrs from 0900 GMT)**  
: 11.8mm Lerwick [ Shetland ]

**Most Sunshine**  
: 6.7 hrs Jersey / St Helier

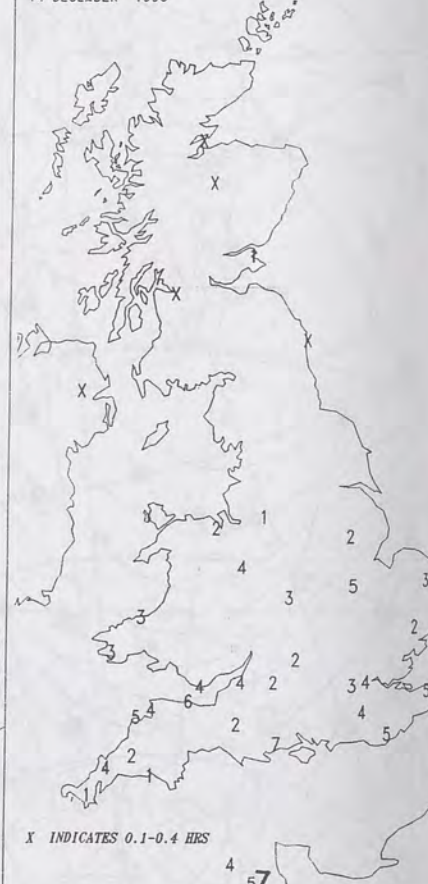
NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
14 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
14 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
14 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
14 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
14 DECEMBER 1996



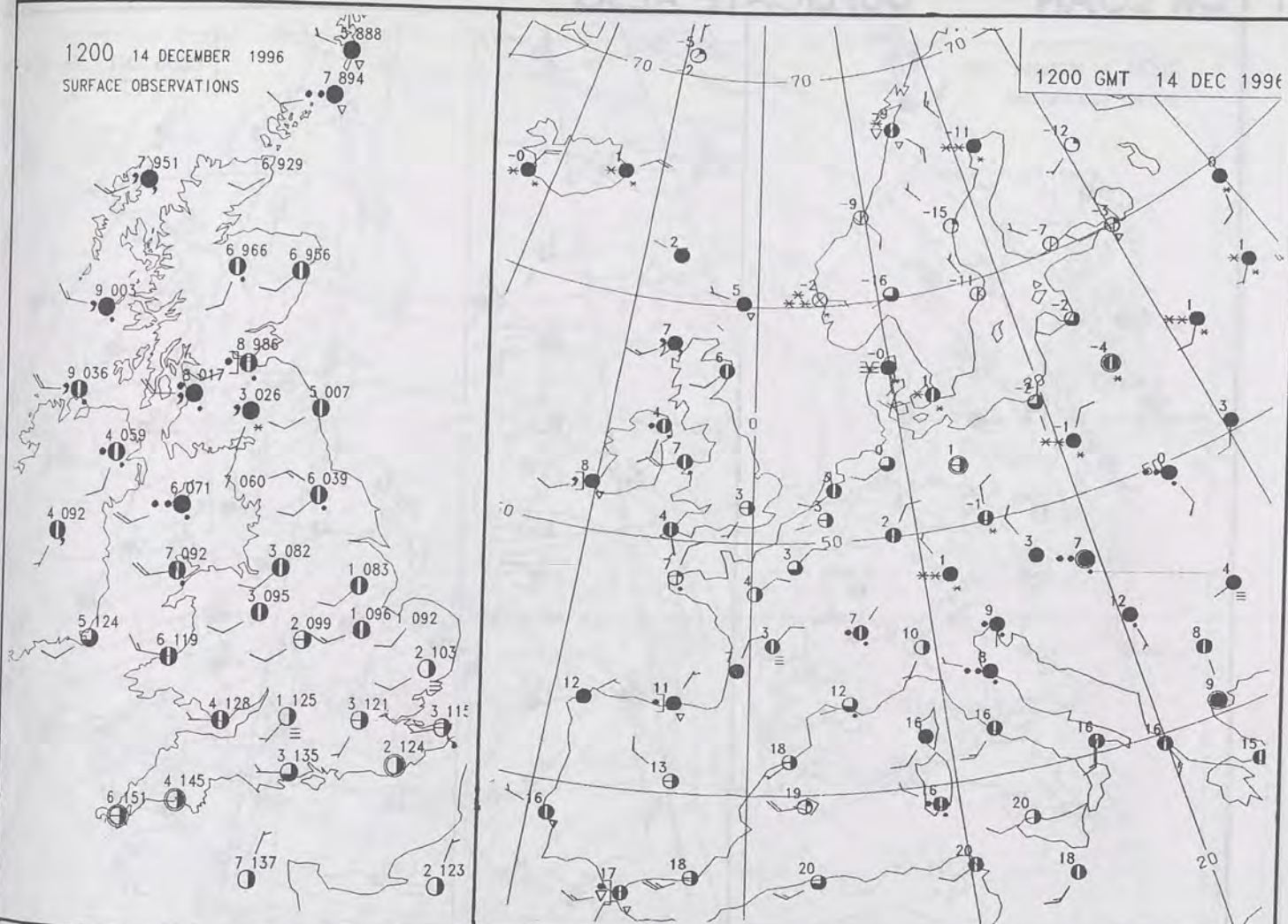
14 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)





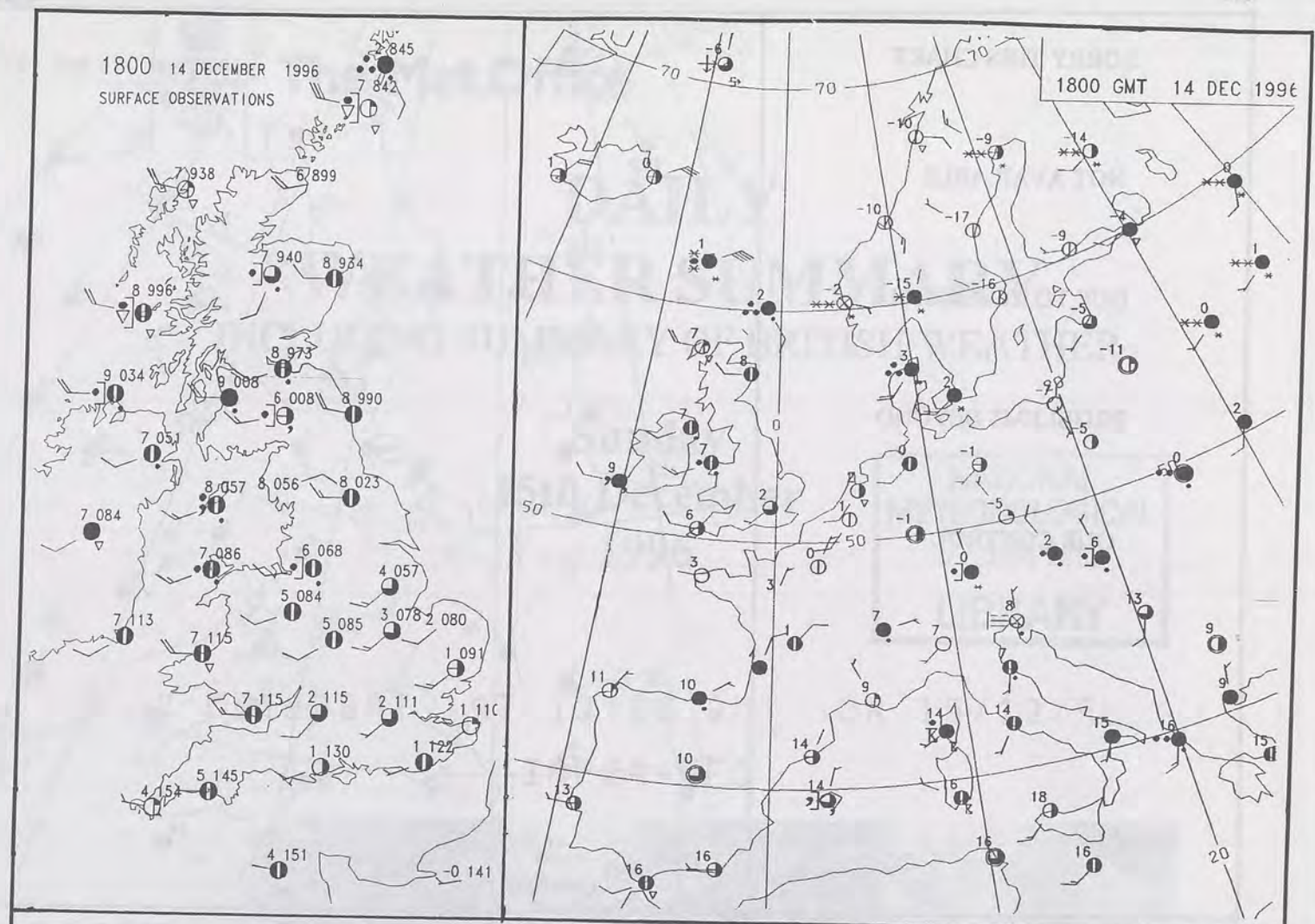
1200 14 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 14 DEC 1996

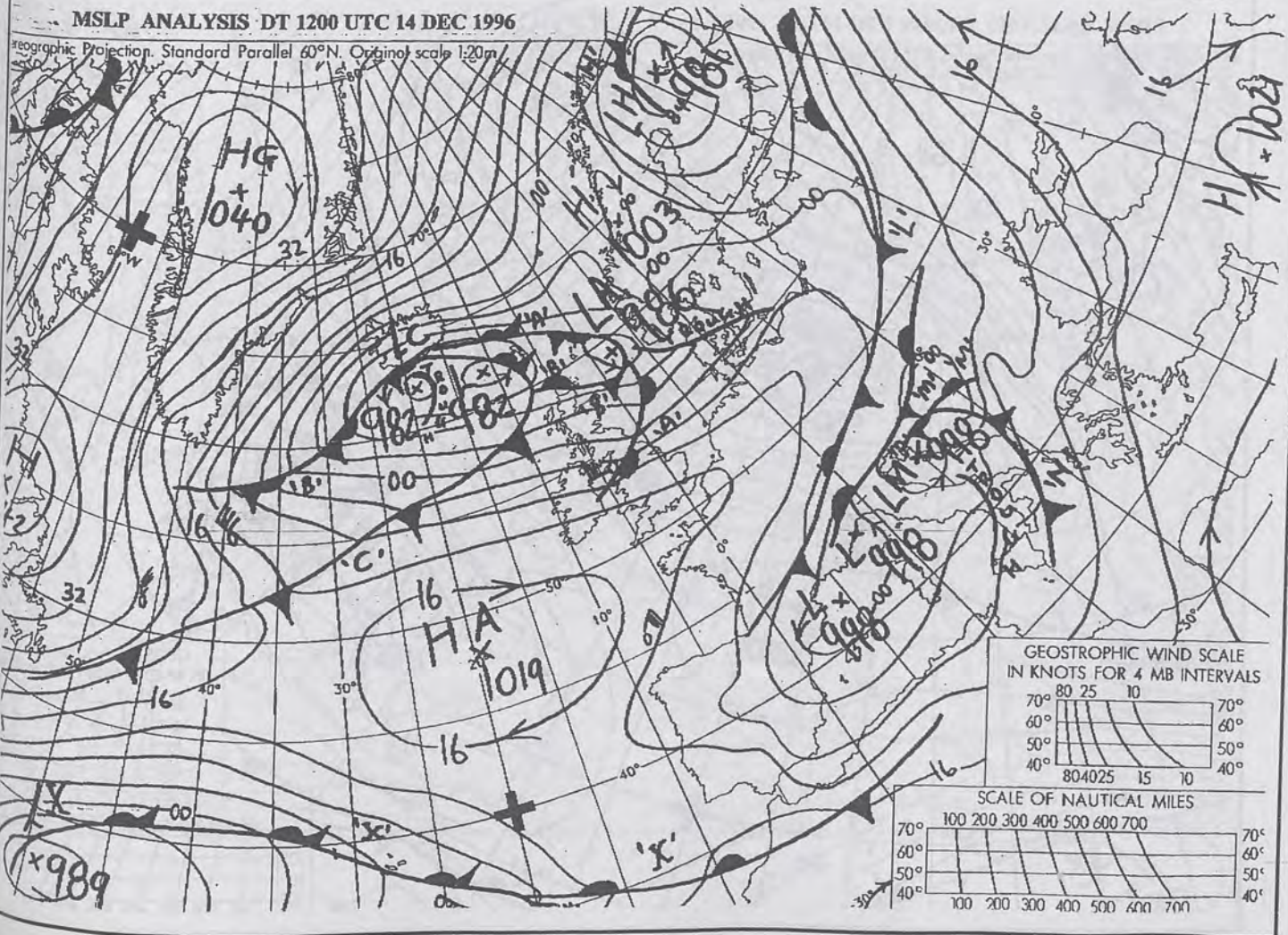


1800 14 DECEMBER 1996  
SURFACE OBSERVATIONS

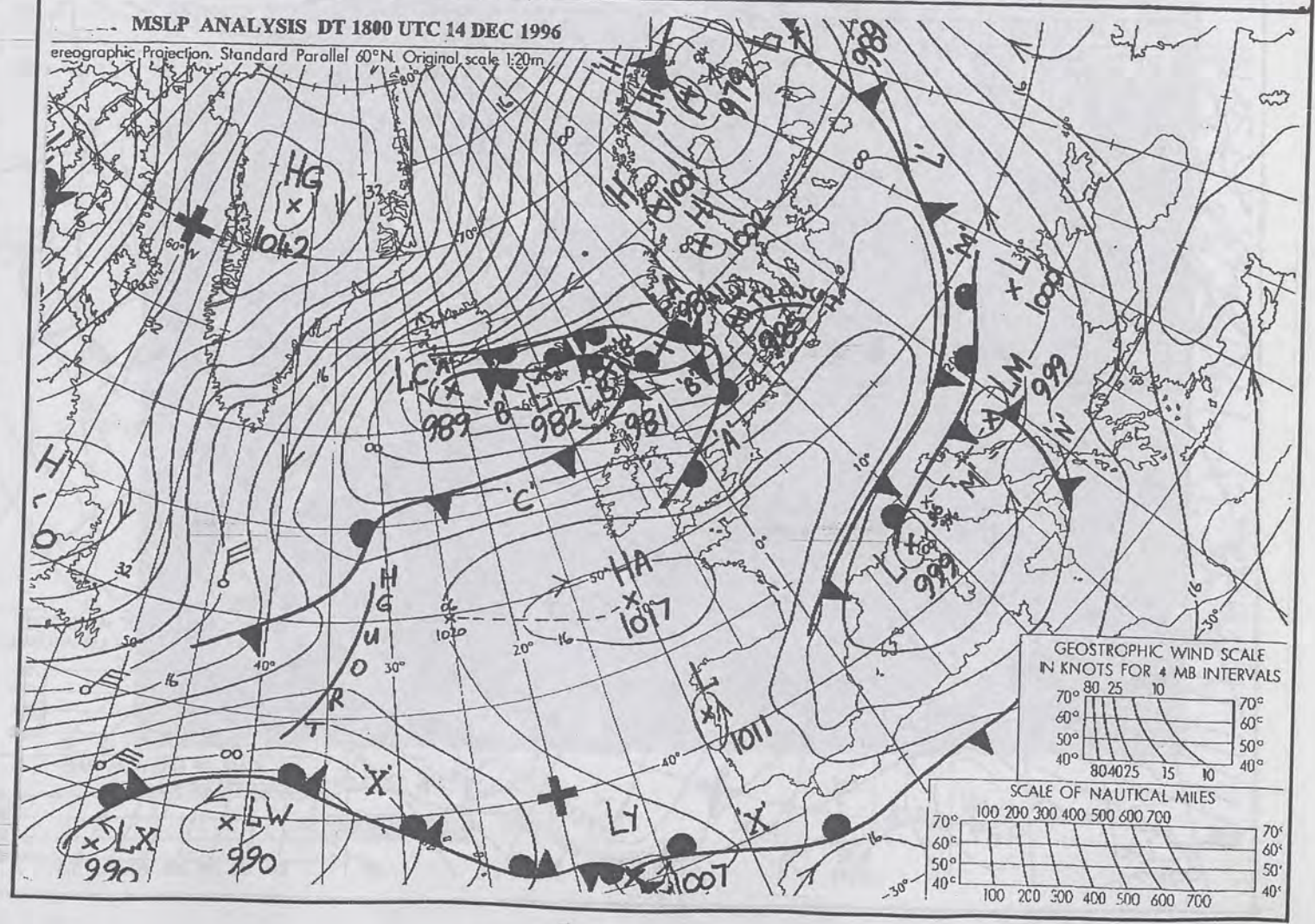
1800 GMT 14 DEC 1996



MSLP ANALYSIS DT 1200 UTC 14 DEC 1996



MSLP ANALYSIS DT 1800 UTC 14 DEC 1996





NOT FOR LOAN

DUPLICATE ALSO

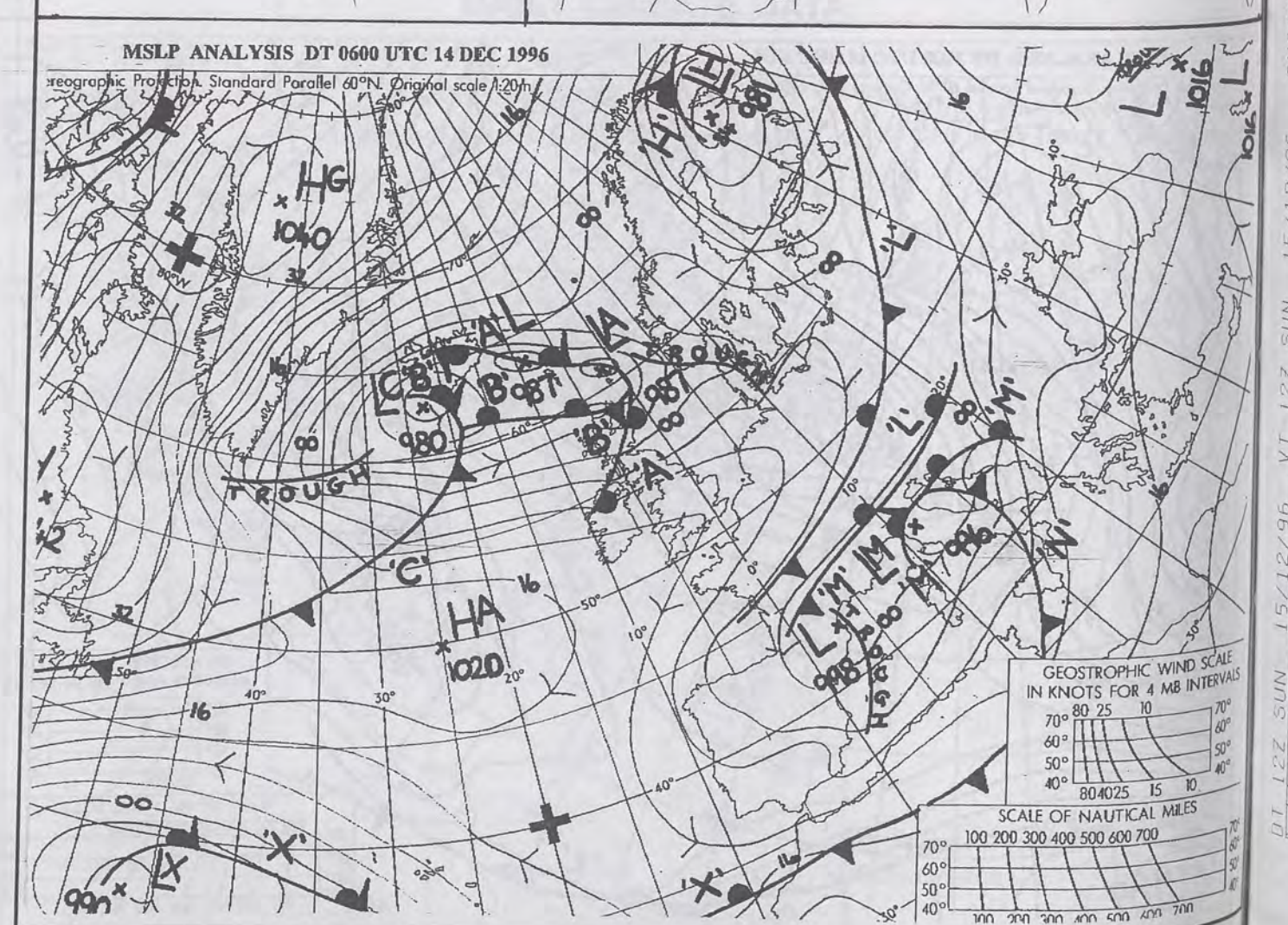
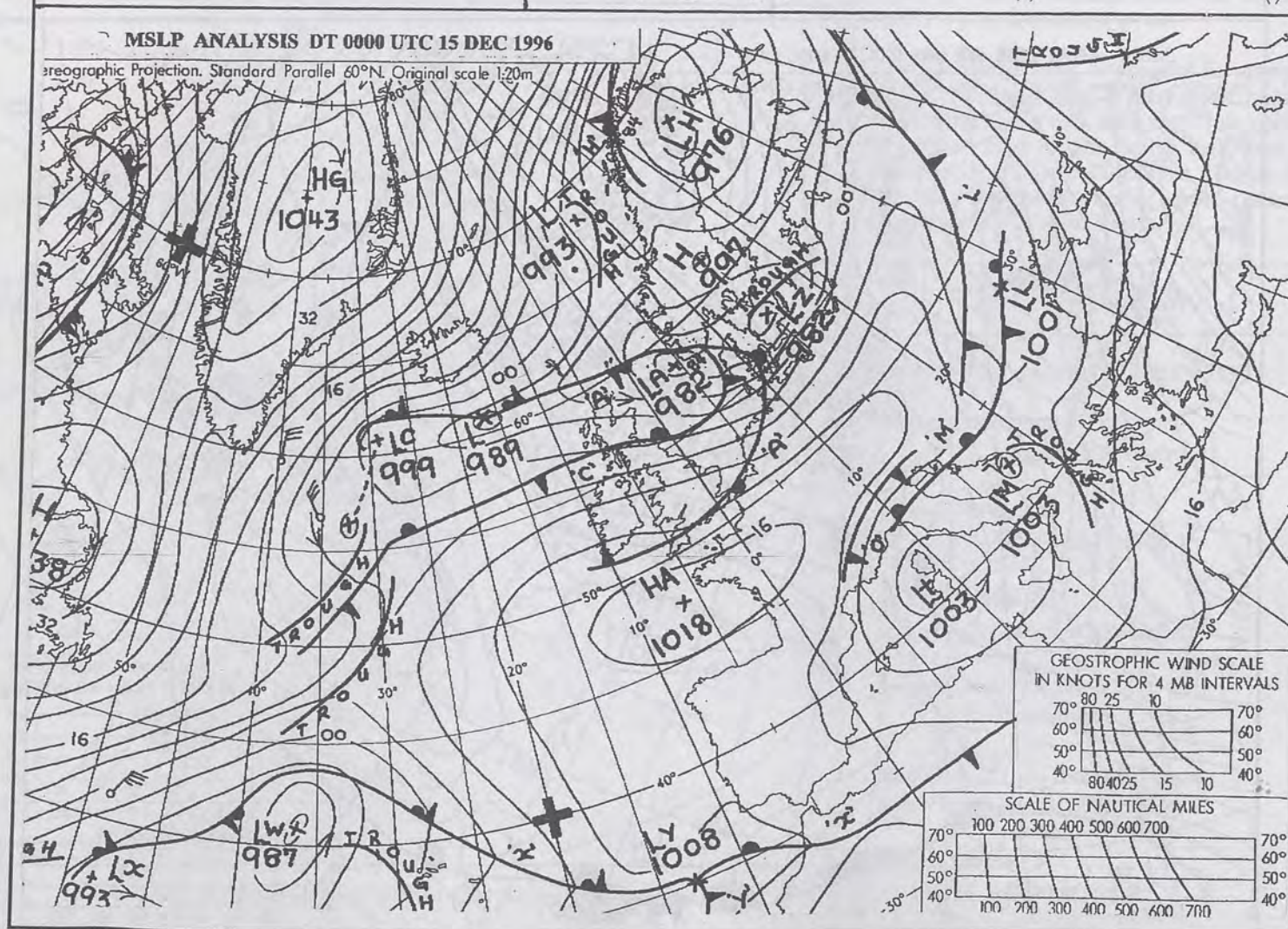
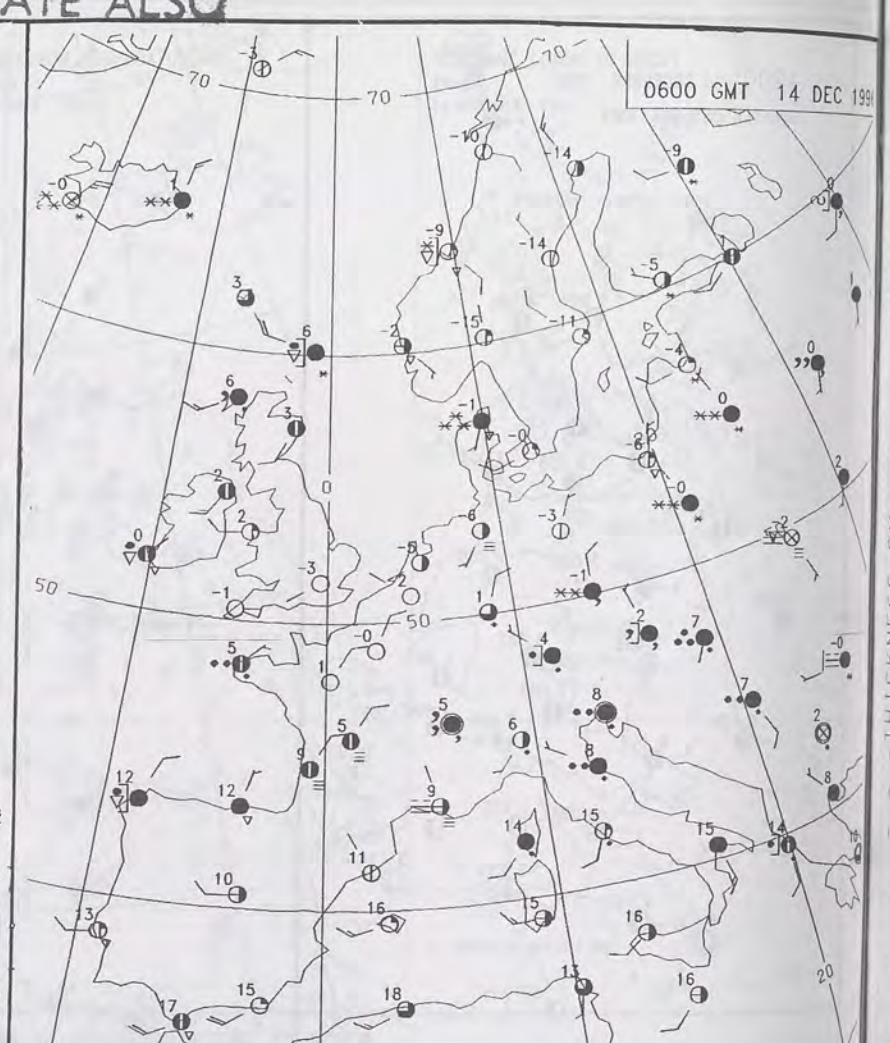
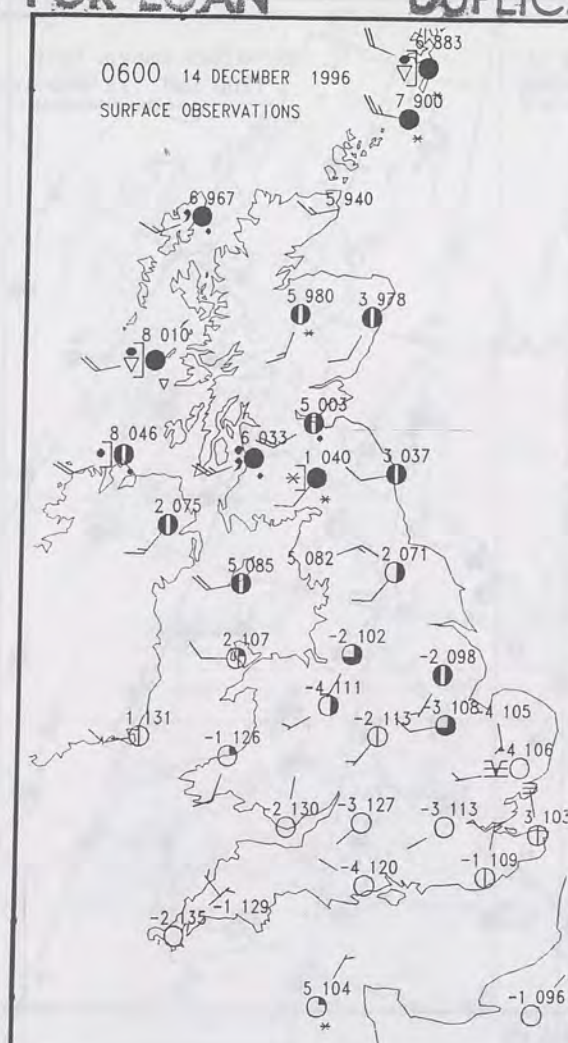
SORRY THIS CHART

NOT AVAILABLE

DUE TO TECHNICAL

PROBLEMS BEYOND

OUR CONTROL



DT 12Z SUN 15/12/96 VT 12Z SUN 15/12/96 GMTIN T+0 HEIGHTS DM. 500-1800MB



WIND SCALE MB INTERVALS

70°  
60°  
50°  
40°

5 10  
MILES



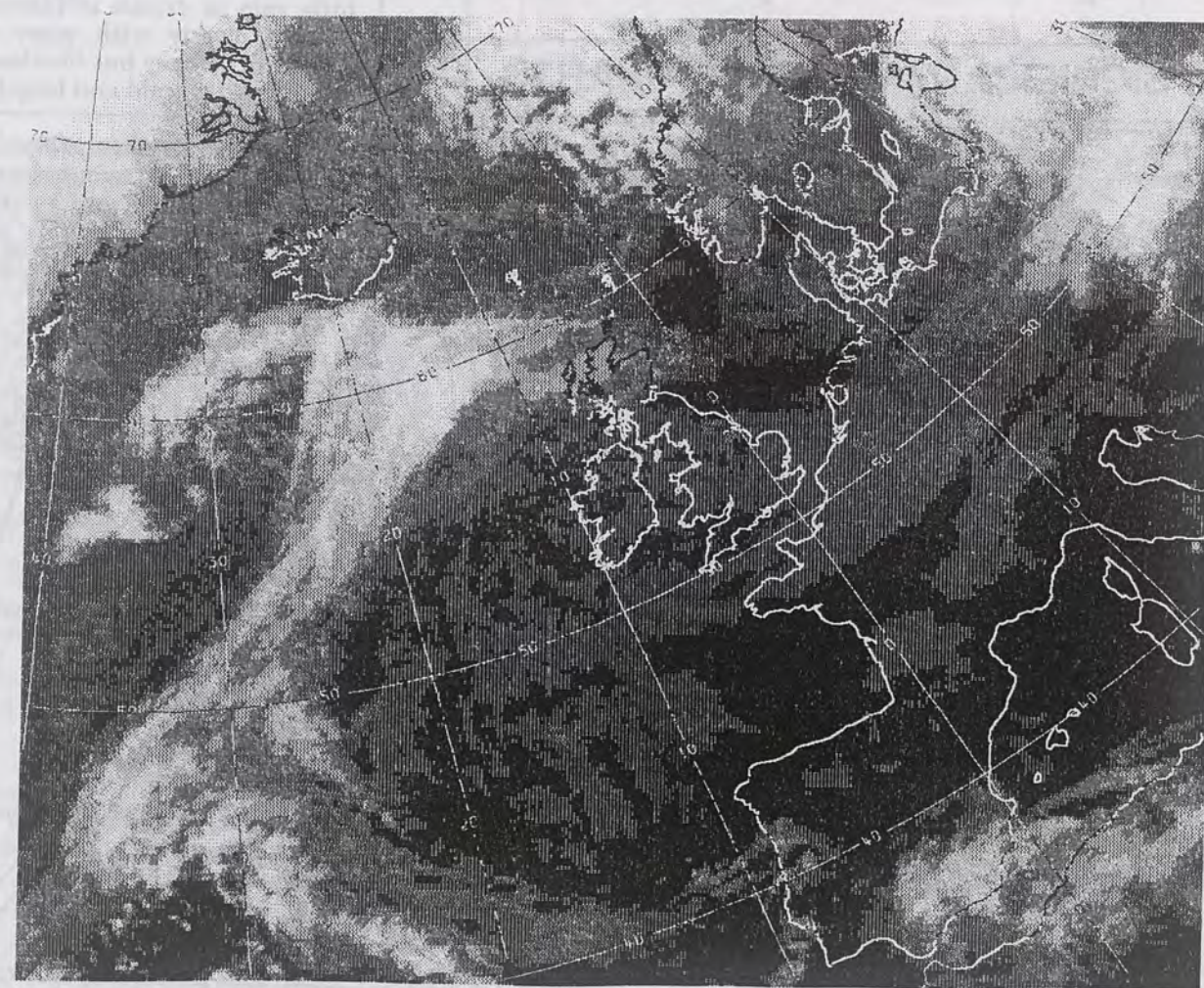
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

**Sunday  
15th December  
1996**

**NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY**

METEOSAT AT 12:00 GMT ON 15/12/96  
INFRA-RED

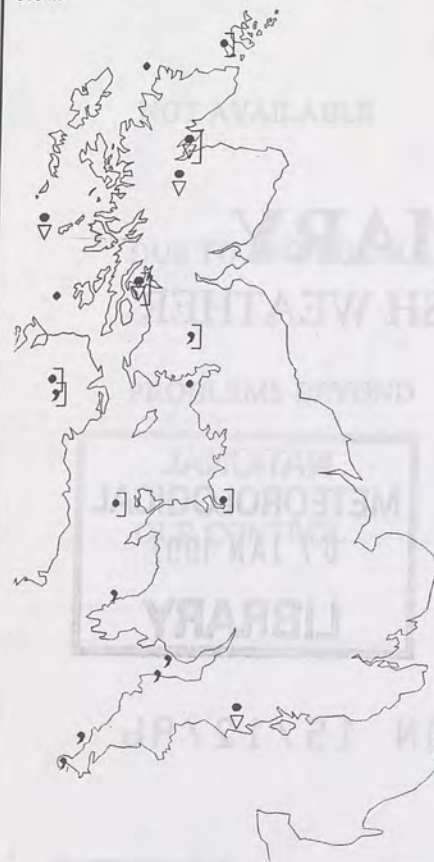


CLOUD-TOP OR LAND/SEA TEMPERATURE

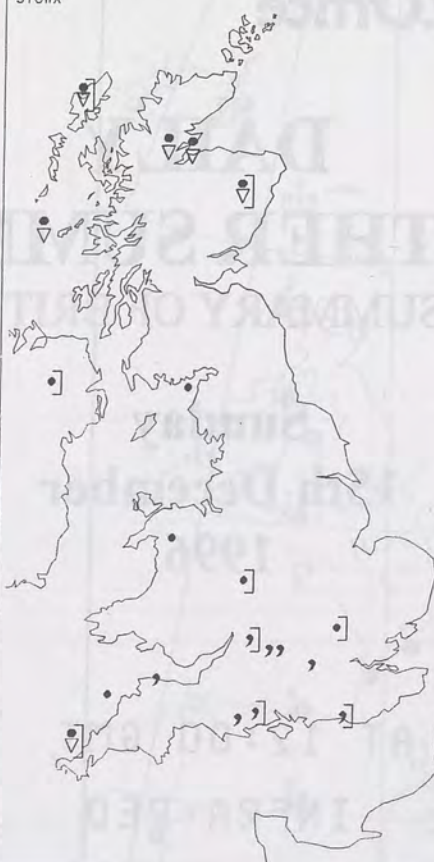
COLD  WARM



0600 15 DECEMBER 1996  
SIGWX



1200 15 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 15 DECEMBER 1996  
SIGWX



2400 15 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Sunday 15th December 1996

Overnight most of the country was cloudy. The cloud was thick enough to give some patchy drizzle here and there, more especially in western areas. There were also some heavy showers over northern and western Scotland and the Northern Isles and some of these were of hail, sleet or snow.

It was a similar picture by day although the patchy drizzle also began to show up in southern and central areas. There were some brighter spells a few places though, mainly in the east. In northern Scotland the rain became more persistent in many places and was quite heavy at times. However, it became dry and quite bright in Orkney and Shetland.

During the evening much of northern Scotland was quite wet for a time and elsewhere it was rather cloudy with a little rain or drizzle in places. It also became cloudy with some rain and drizzle in Orkney but Shetland though remained dry, cold and largely clear.

It was a cold day in the Northern Isles but elsewhere temperatures were generally around or a little above normal.

## EXTREMES

### SUNDAY 15th DECEMBER 1996

**Highest Maximum**  
: 10.8 C Linton on Ouse [ Yorkshire ]

**Lowest Maximum**  
: 1.5 C Lerwick [ Shetland ]

**Lowest Minimum**  
: -1.9 C Baltasound [ Shetland ]

**Lowest Grass Minimum**  
: -6.2 C Baltasound

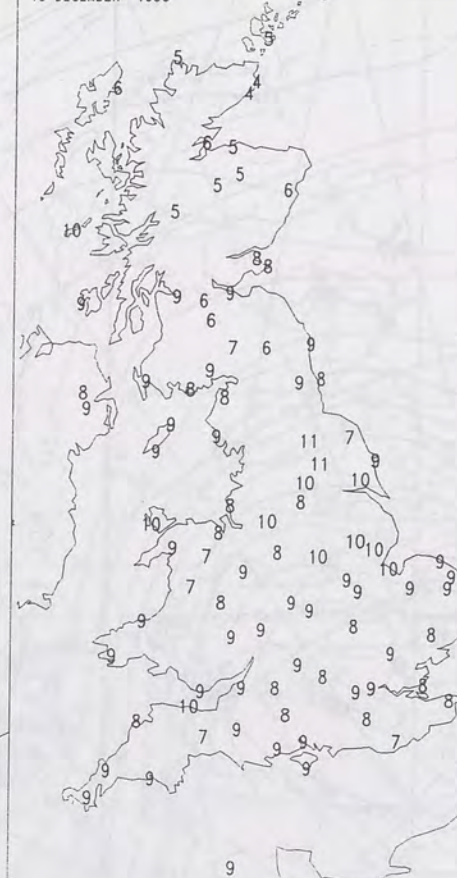
**Most Rain (24 hrs from 0900 GMT)**  
: 10.1mm Cape Wrath [ North Scotland ]

**Most Sunshine**  
: 5.5 hrs Sunderland [ Tyne and Wear ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
15 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
15 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
15 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
15 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
15 DECEMBER 1996



## DAILY WEATHER SUMMARY



For details of other Weather Summaries produced by the Met. Office please contact:

London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



1200 15 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 15 DEC 1996

1800 15 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 15 DEC 1996

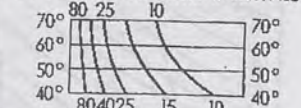
MSLP ANALYSIS DT 1200 UTC 15 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

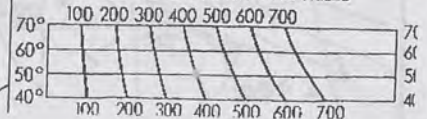
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Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

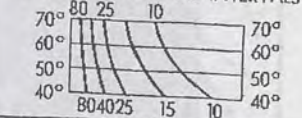
GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



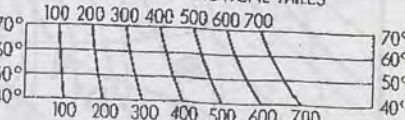
SCALE OF NAUTICAL MILES



GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



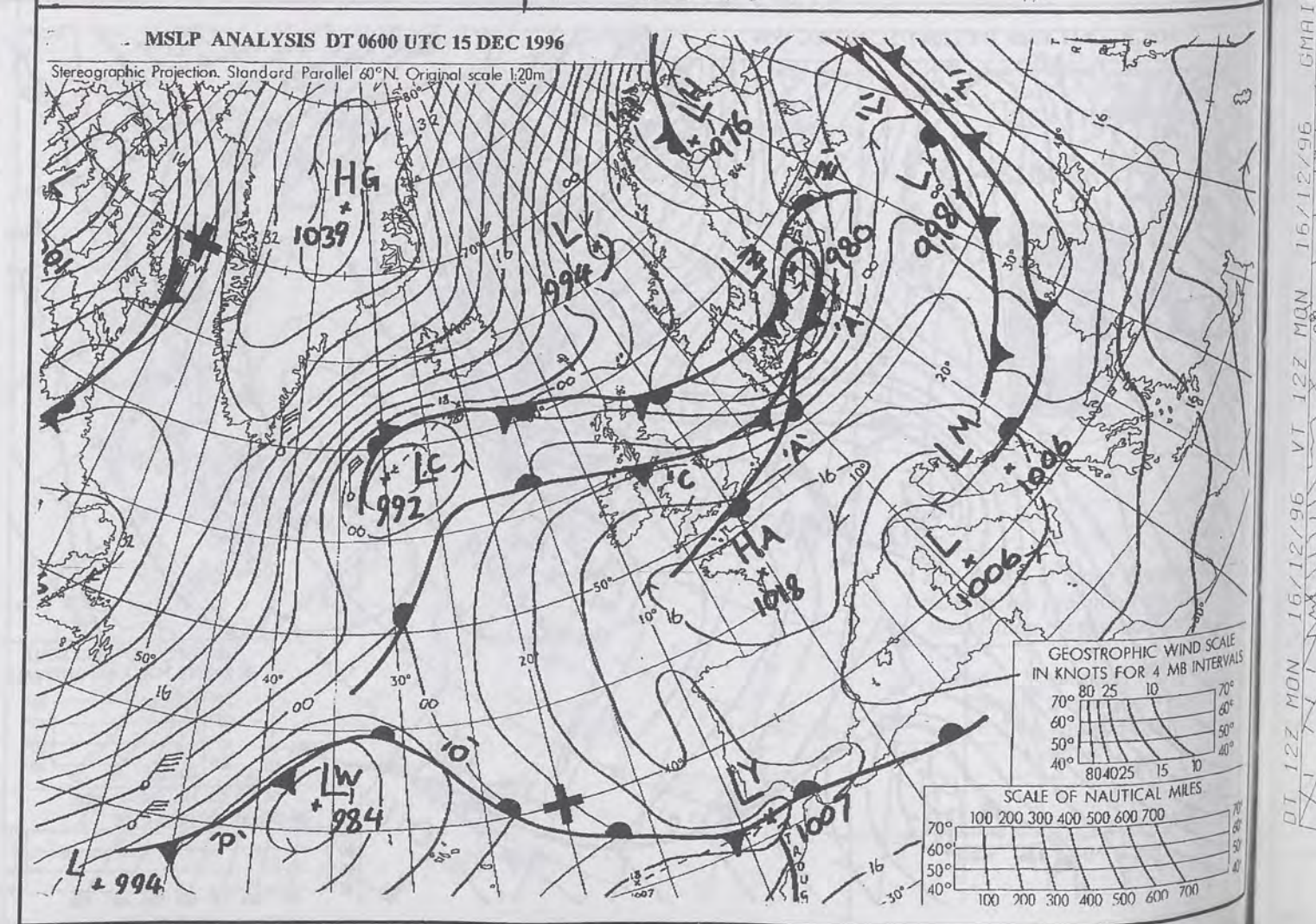
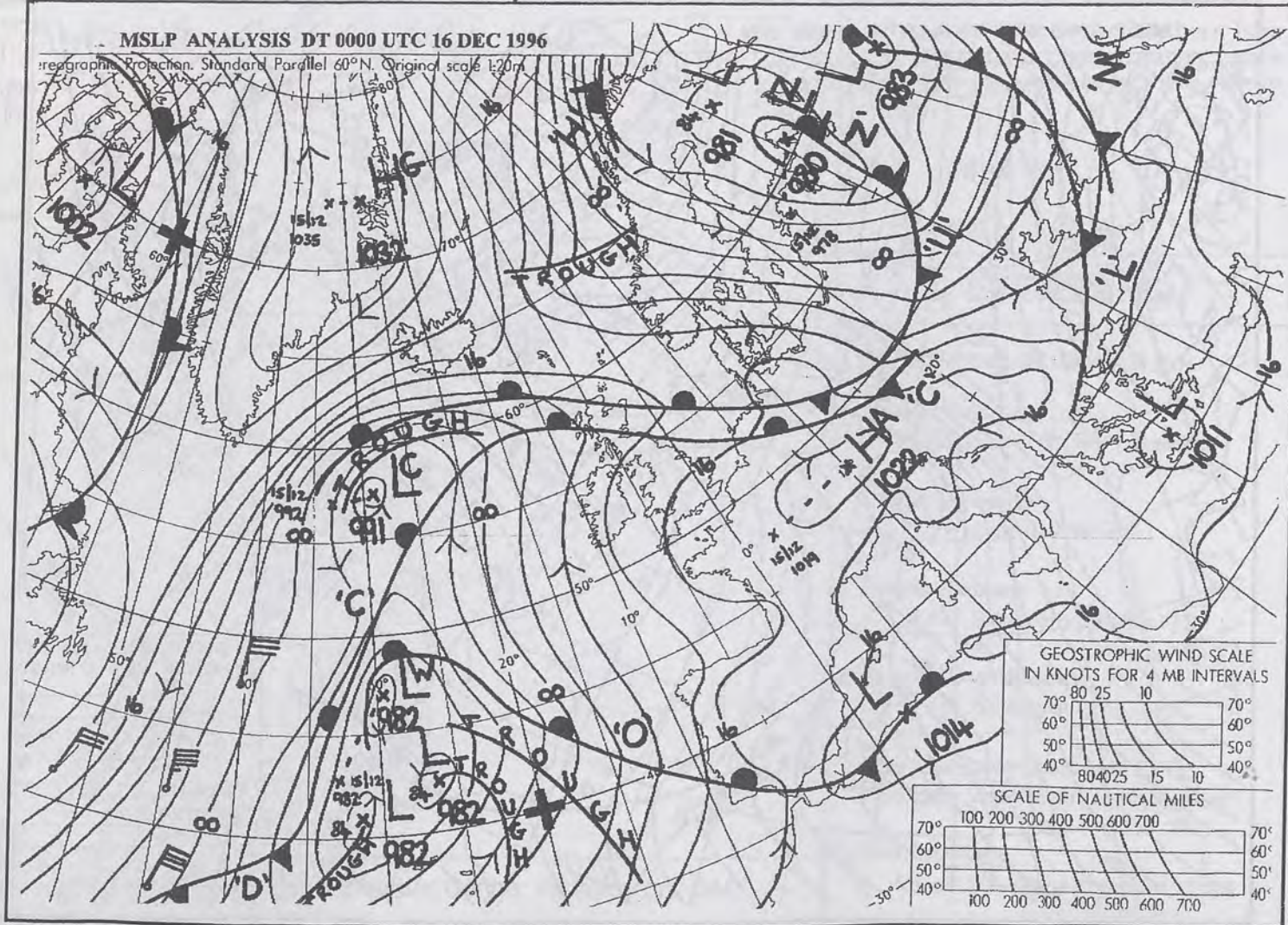
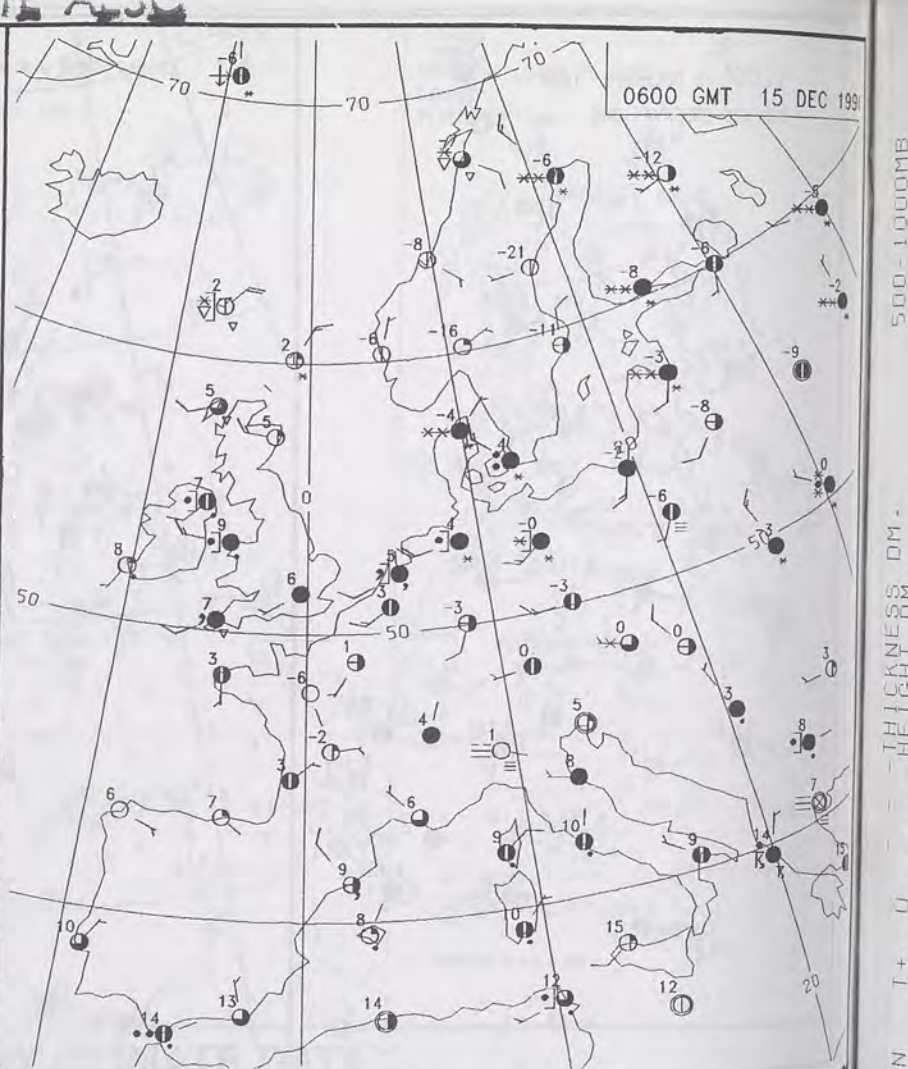
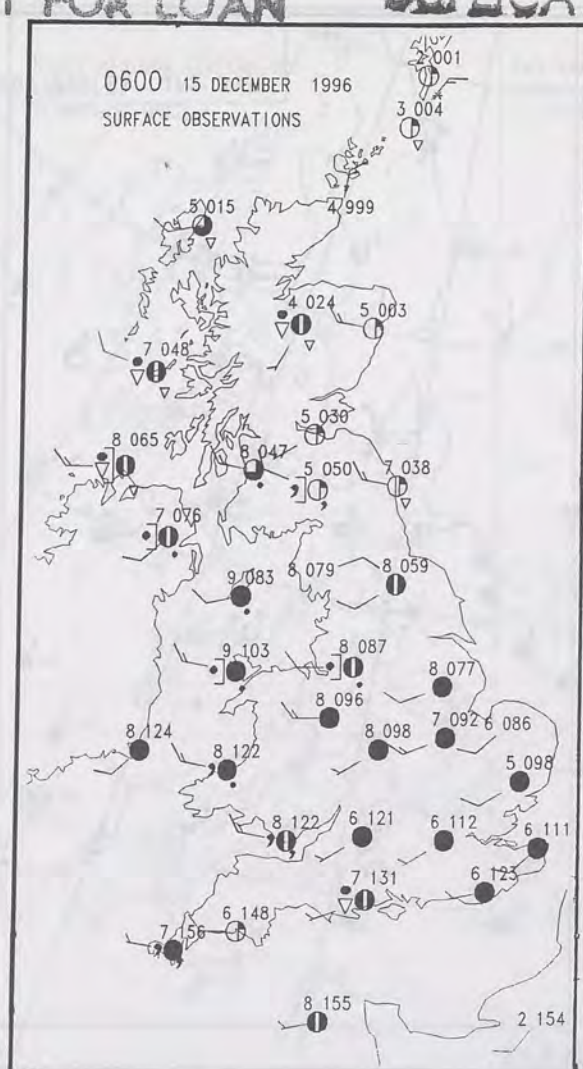
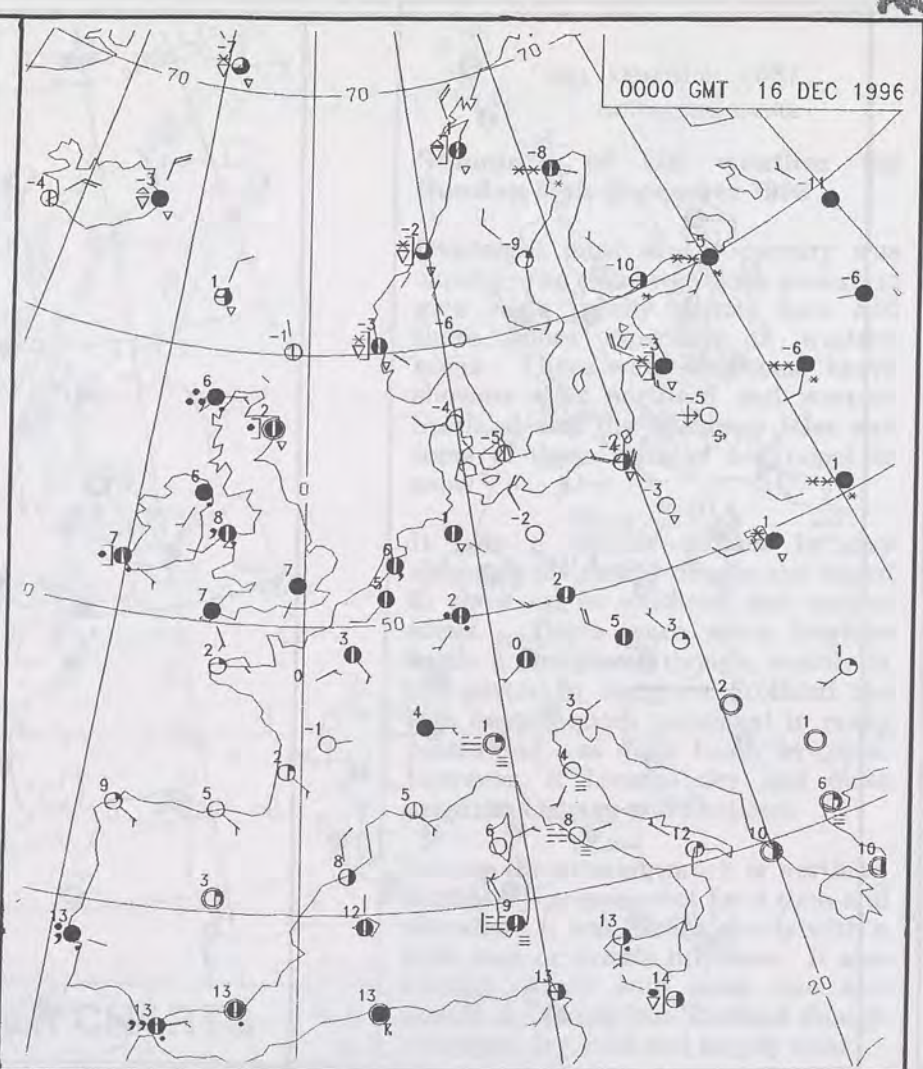
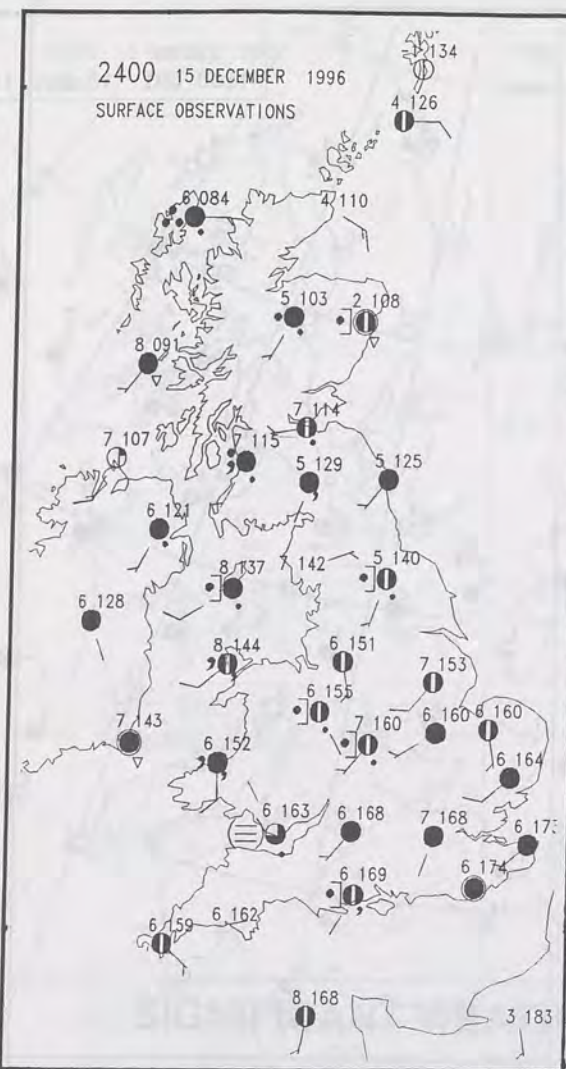
SCALE OF NAUTICAL MILES





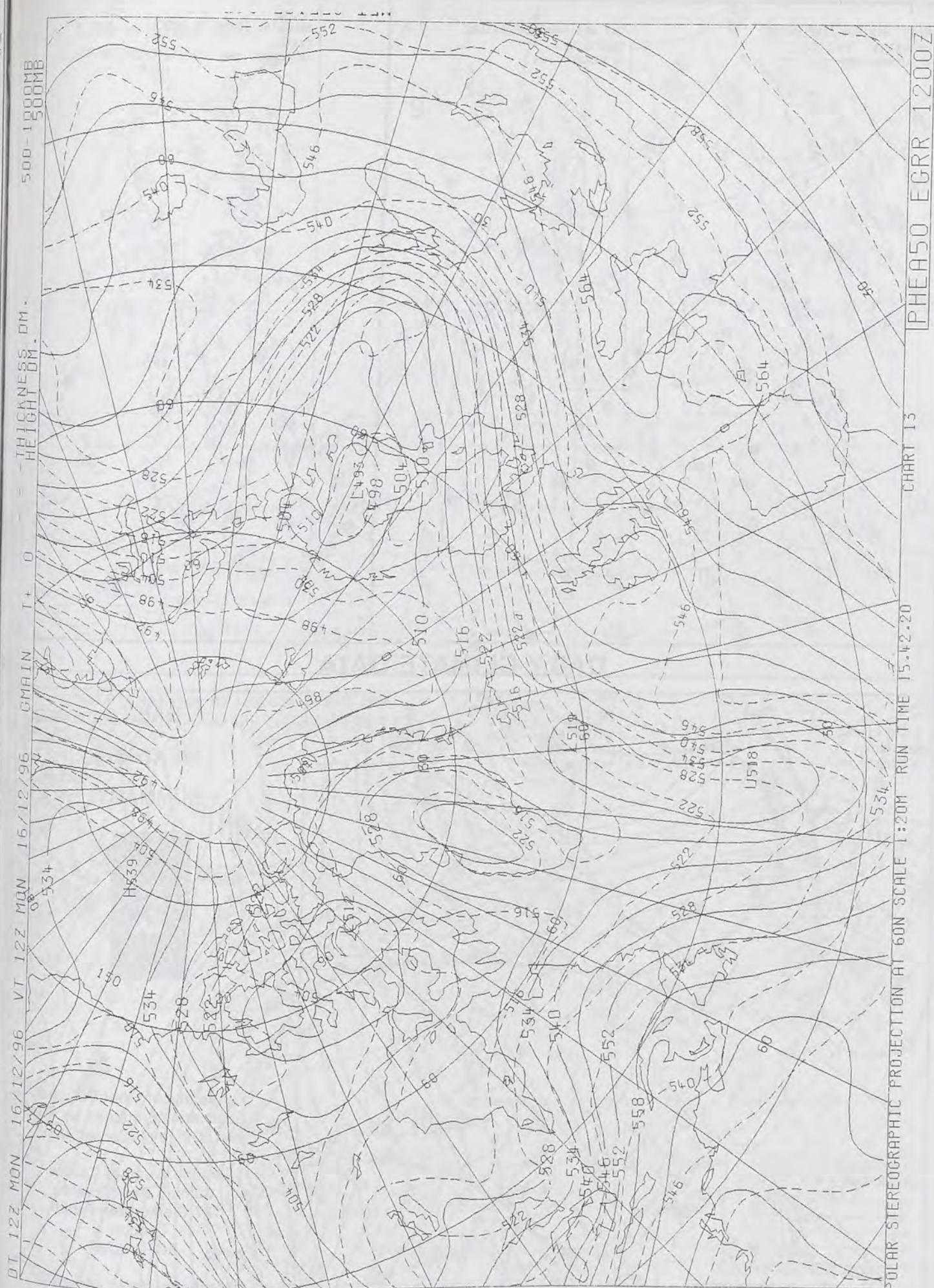
NOT FOR LOAN

UNCLASSIFIED



DI 122 MON 16/12/96 VT 122 MON 16/12/96 GMAIN 1+0 HEIGHTS DM. 500-1500MB





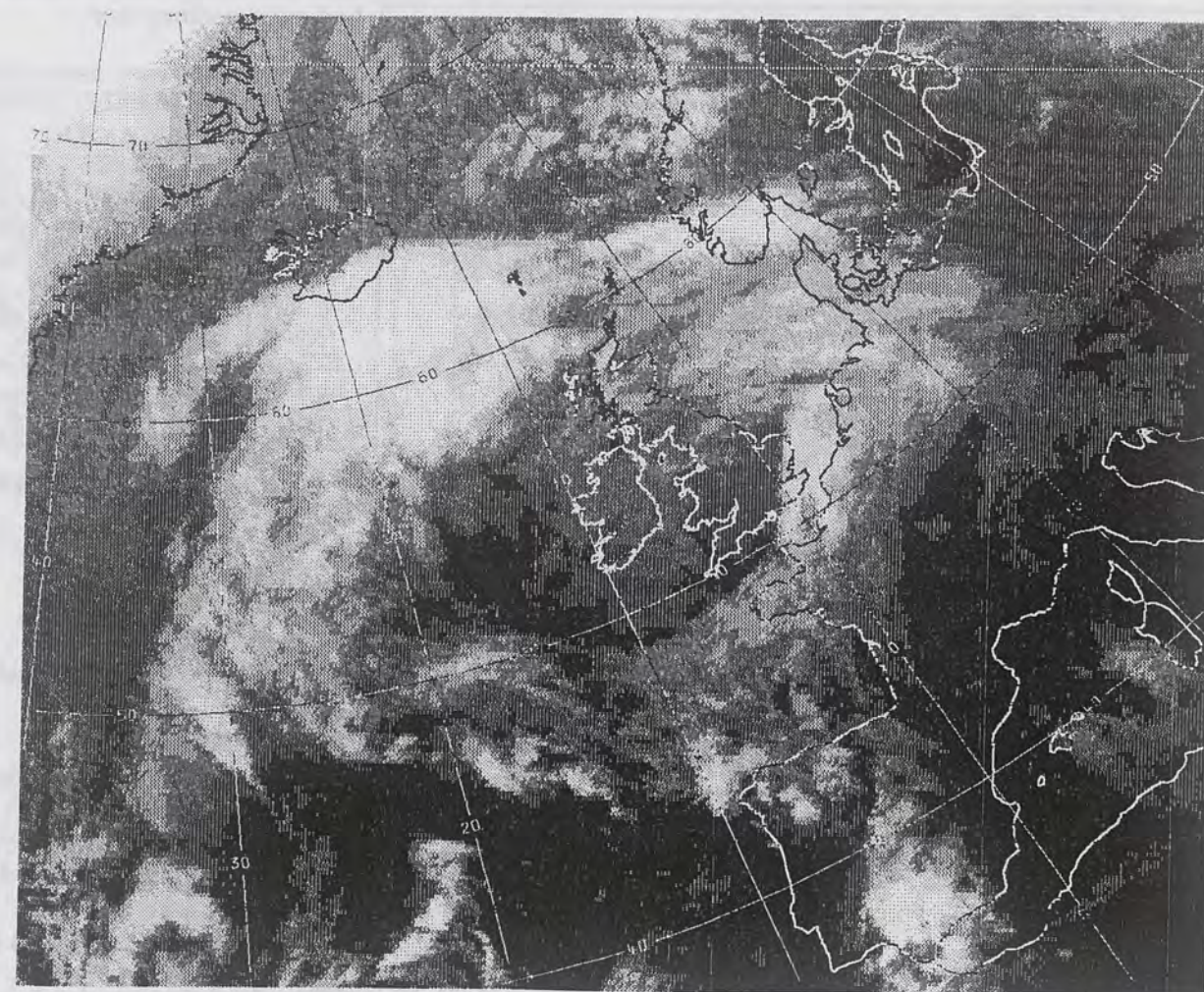
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

**Monday  
16th December  
1996**

NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 16/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE

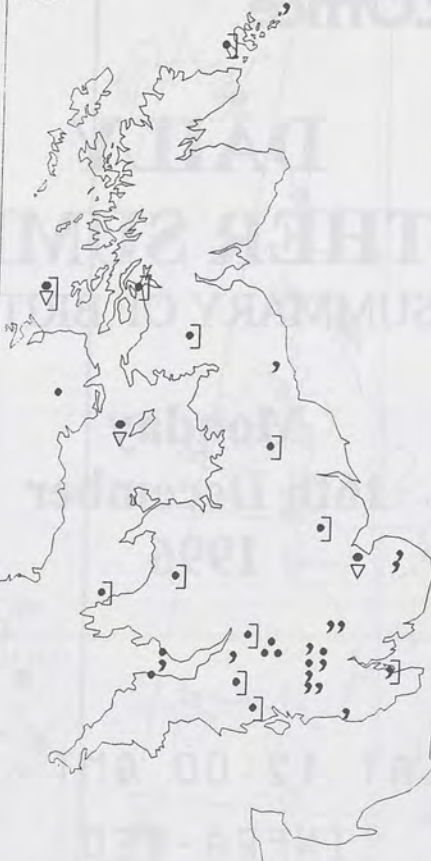
COLD  WARM



0600 16 DECEMBER 1996  
SIGWX



1200 16 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 16 DECEMBER 1996  
SIGWX



2400 16 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Monday 16th December 1996

It was a mild, cloudy and dry night over most of the country. There were, though, a few patches of mostly light rain, whilst heavier and more persistent rain fell over northernmost Scotland - except Shetland, which was largely clear and frosty. It was very misty over some of the higher ground in southern Britain.

Most of the British Isles had another cloudy day, and there were areas of rain or drizzle, most of it light. A few places brightened up, with just a little sunshine over parts of northeast England, eastern Scotland, north Wales and southwest England - in fact, the southwestern tip of Cornwall had quite a sunny day.

Temperatures were generally not far from the mid-December normal.

## EXTREMES

### MONDAY 16th DECEMBER 1996

**Highest Maximum**  
: 9.8 C Scilly Isles

**Lowest Maximum**  
: 3.7 C Baltasound [ Shetland ]

**Lowest Minimum**  
: -3.6 C Baltasound [ Shetland ]

**Lowest Grass Minimum**  
: -5.7 C Lerwick [ Shetland ]

**Most Rain (24 hrs from 0900 GMT)**  
: 12.9mm Jersey / St Helier

**Most Sunshine**  
: 6.2 hrs Culdrose [ Cornwall ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
16 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
16 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
16 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
16 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
16 DECEMBER 1996



## DAILY WEATHER SUMMARY



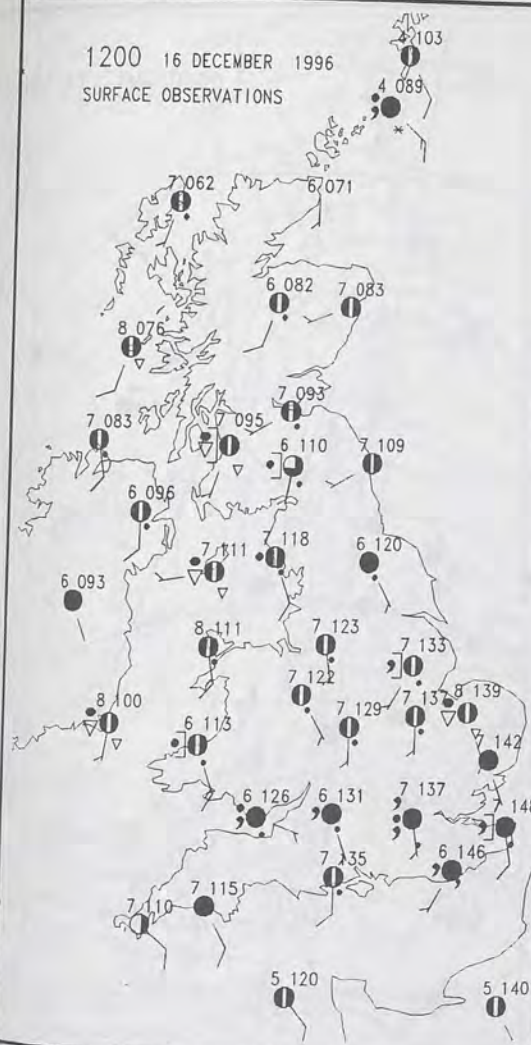
For details of other Weather Summaries produced by the Met. Office please contact:

London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

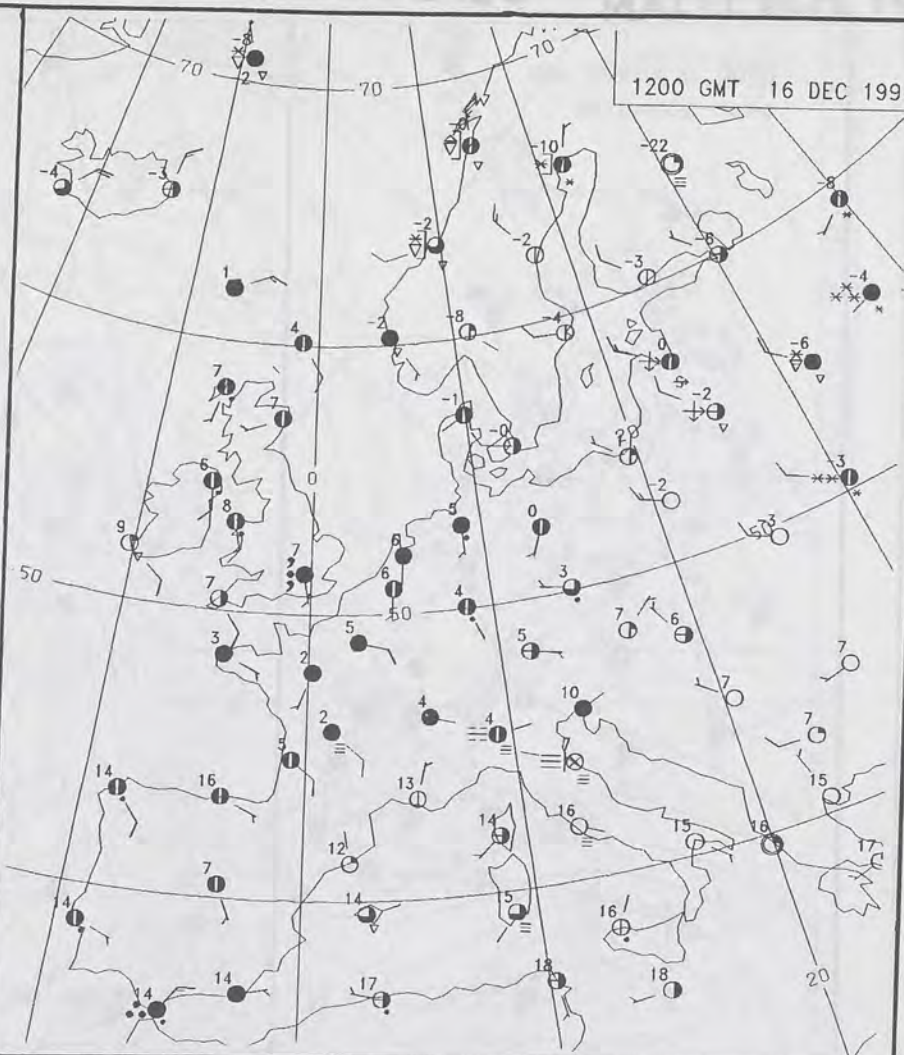
Telephone: 0171 405 4358  
Fax: 0171 404 4314



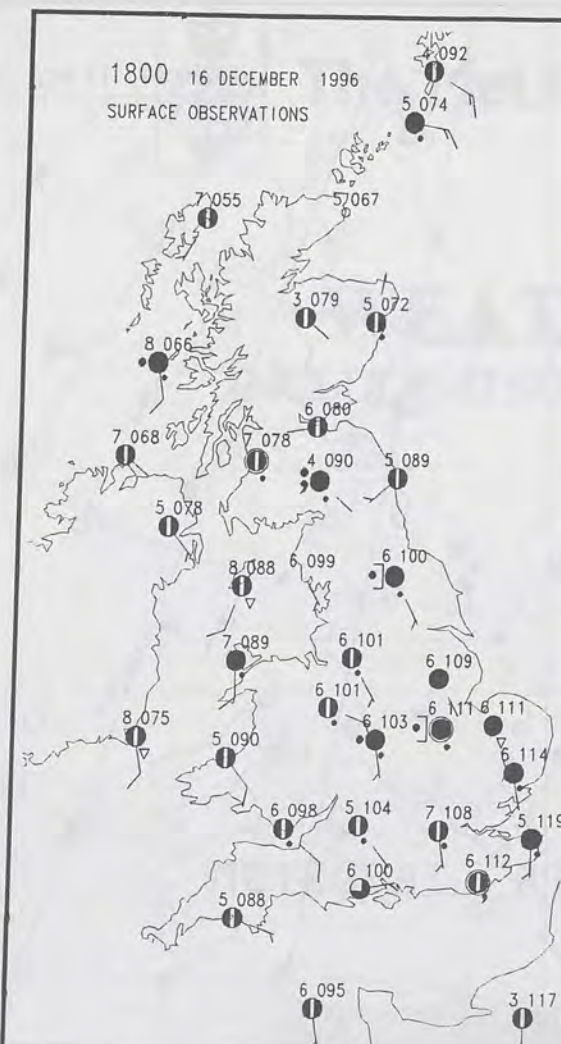
1200 16 DECEMBER 1996  
SURFACE OBSERVATIONS



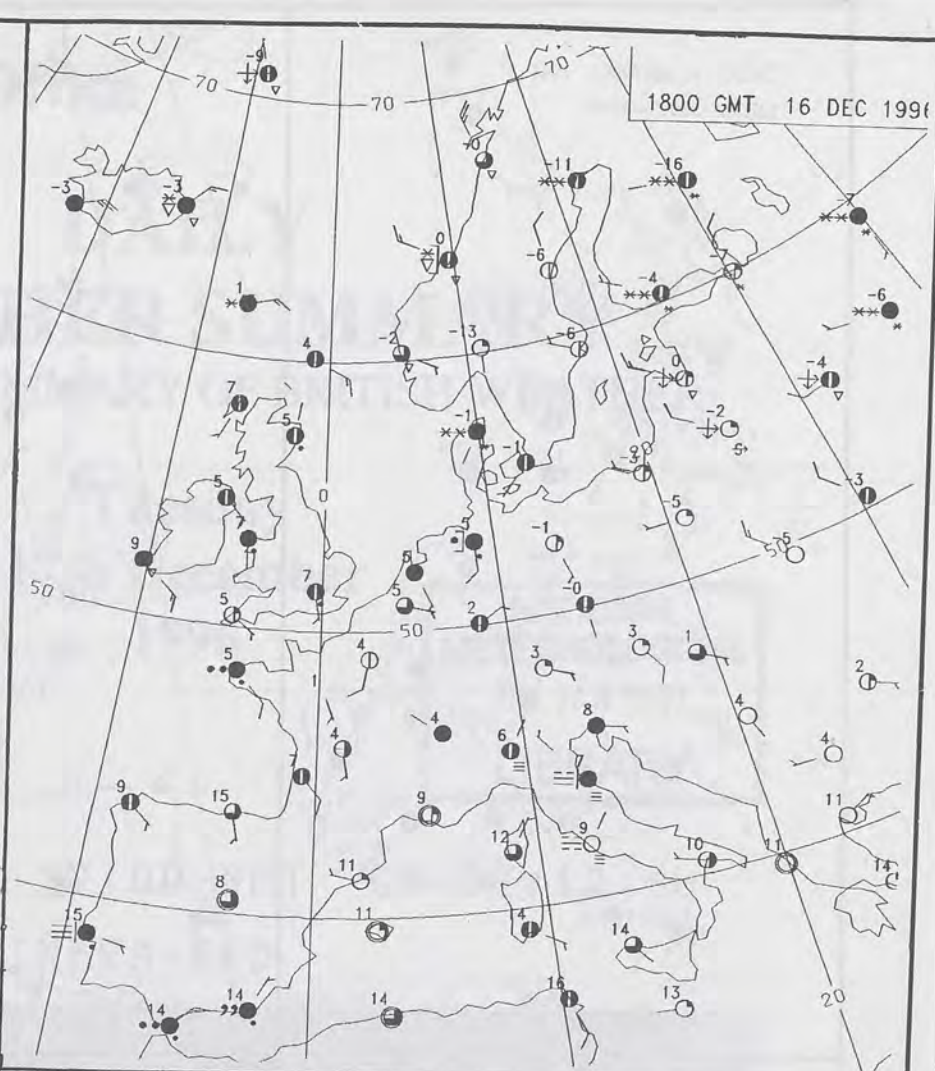
1200 GMT 16 DEC 1996



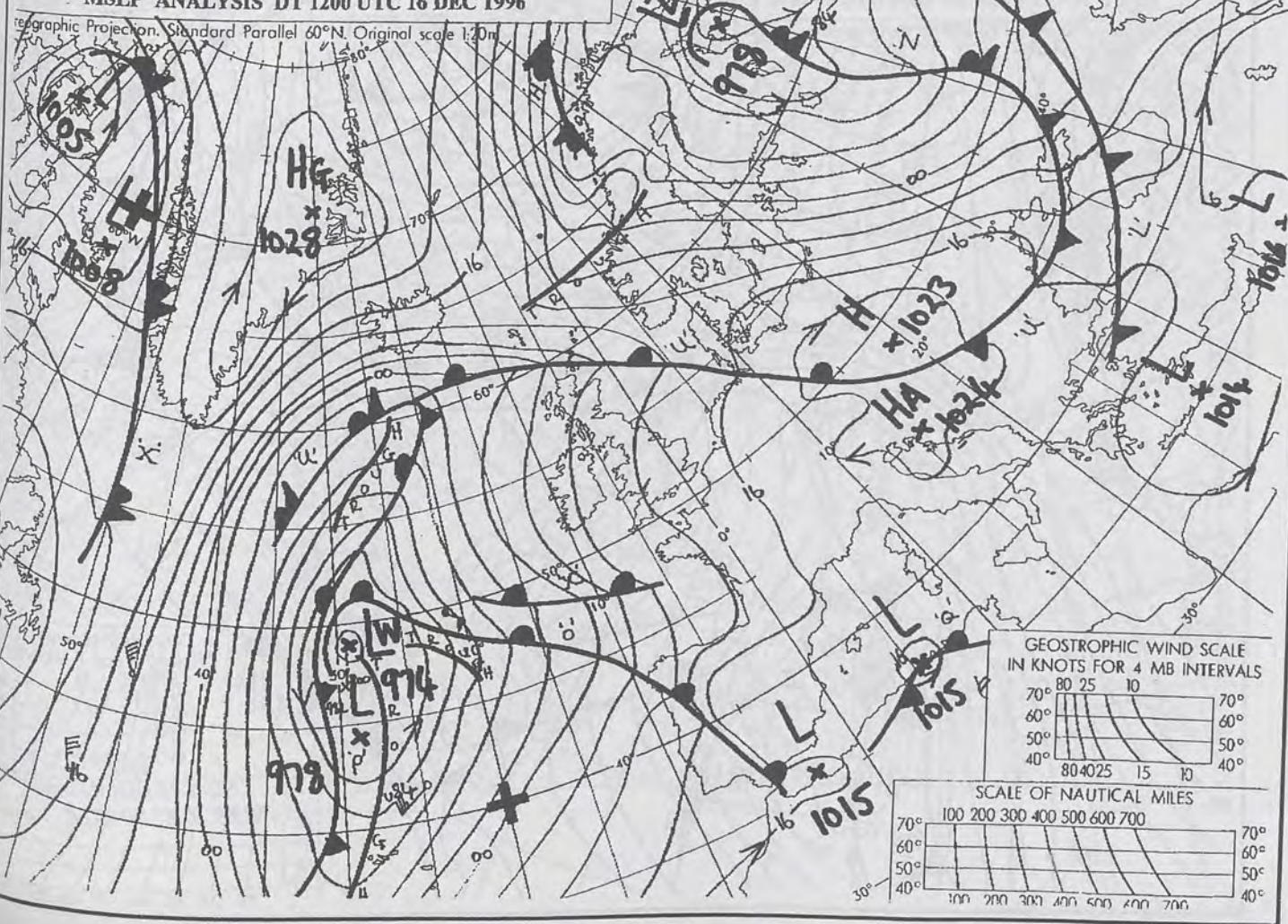
1800 16 DECEMBER 1996  
SURFACE OBSERVATIONS



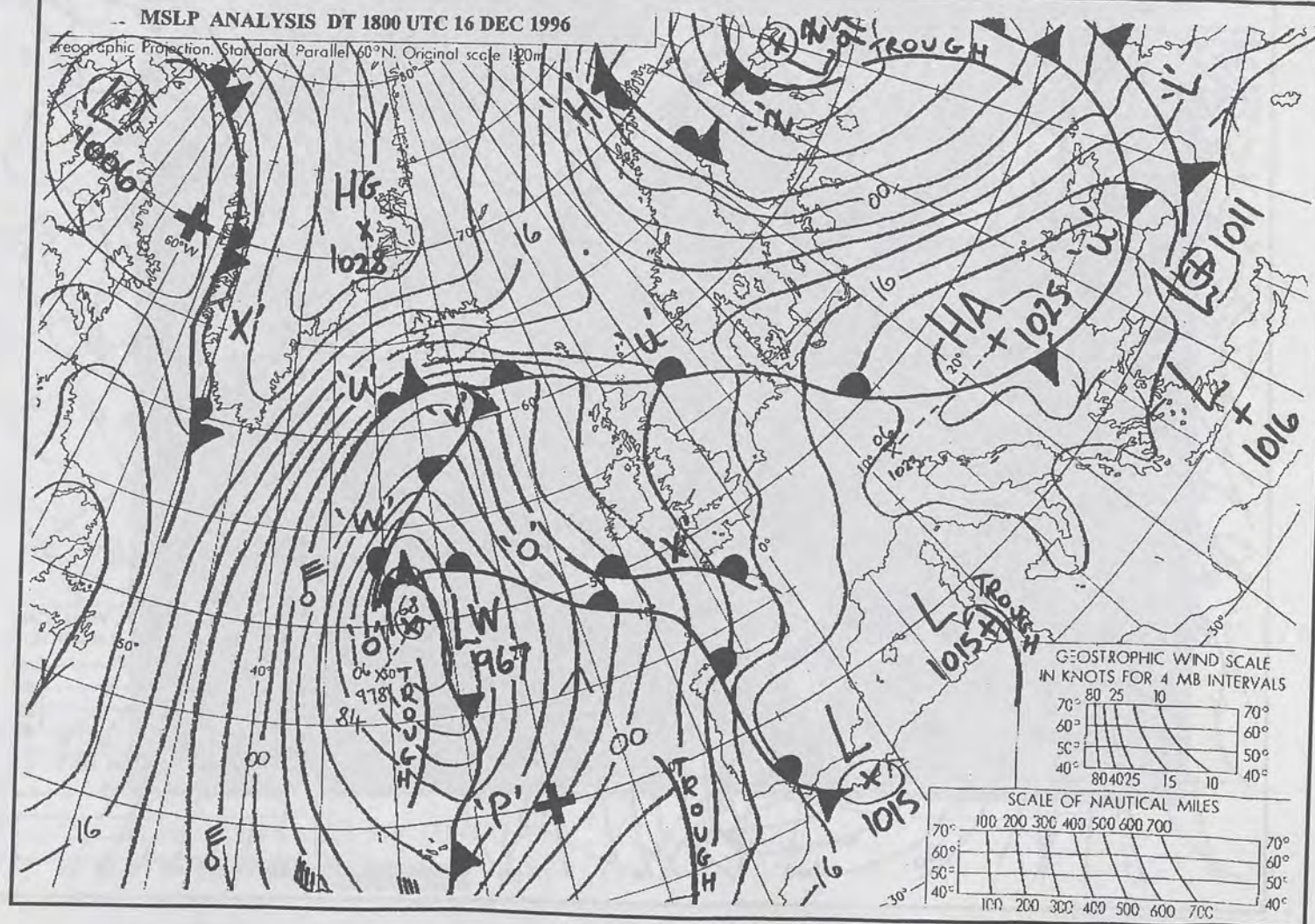
1800 GMT 16 DEC 1996



MSLP ANALYSIS DT 1200 UTC 16 DEC 1996

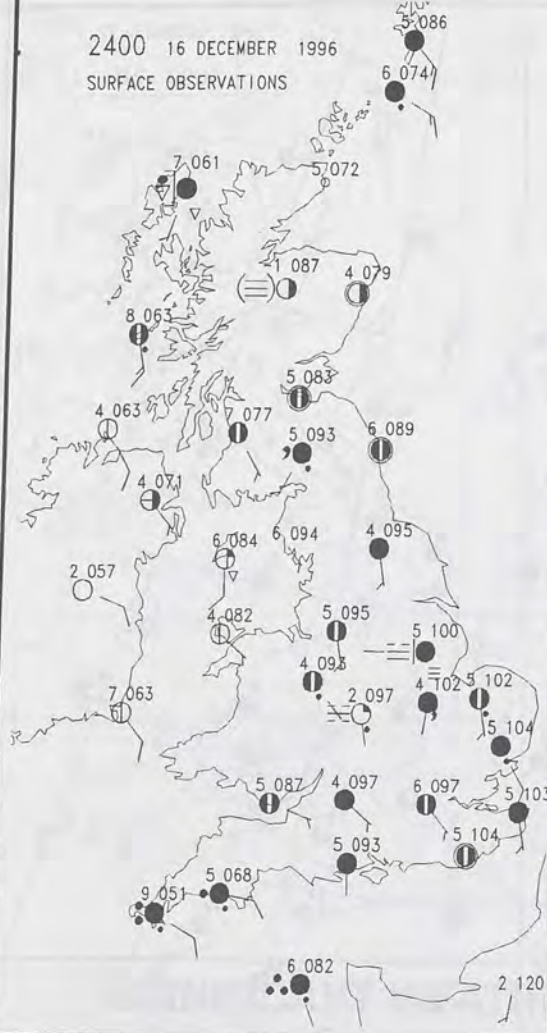


MSLP ANALYSIS DT 1800 UTC 16 DEC 1996

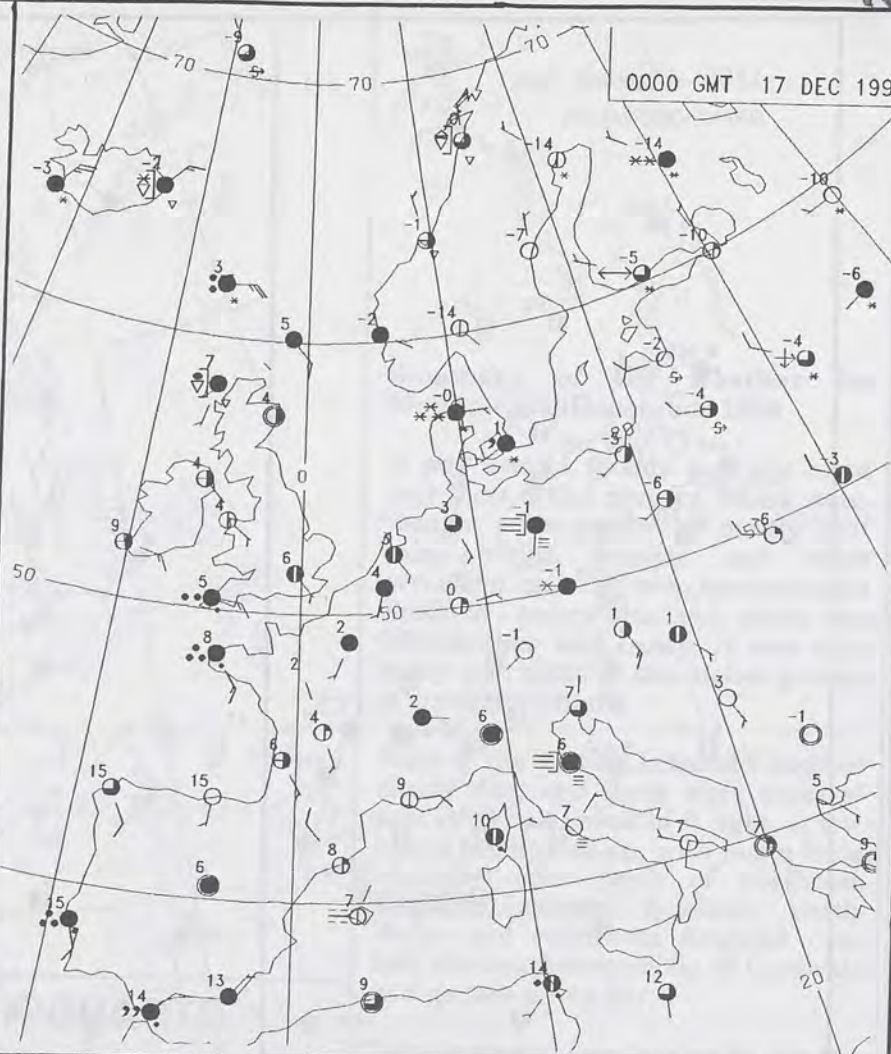




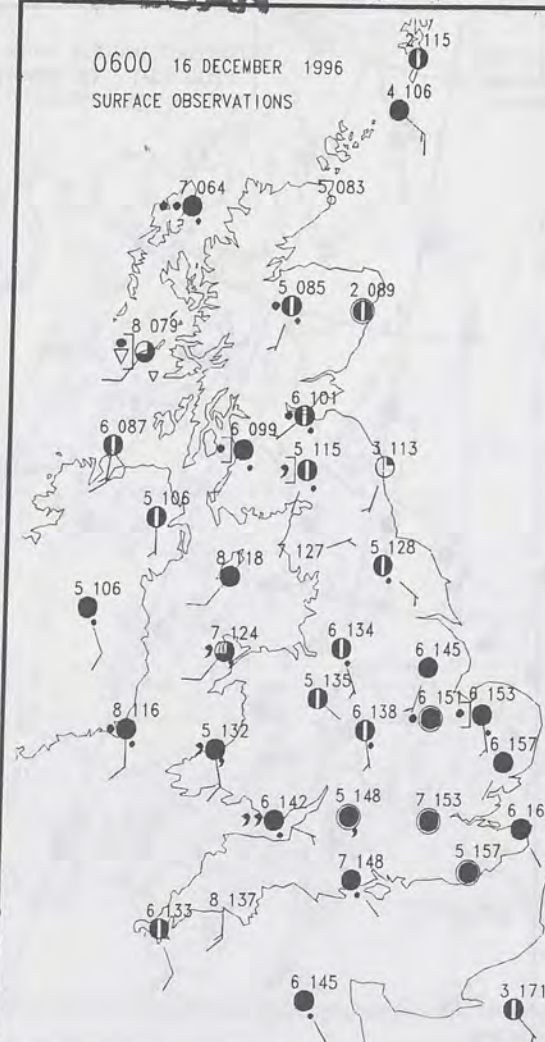
2400 16 DECEMBER 1996  
SURFACE OBSERVATIONS



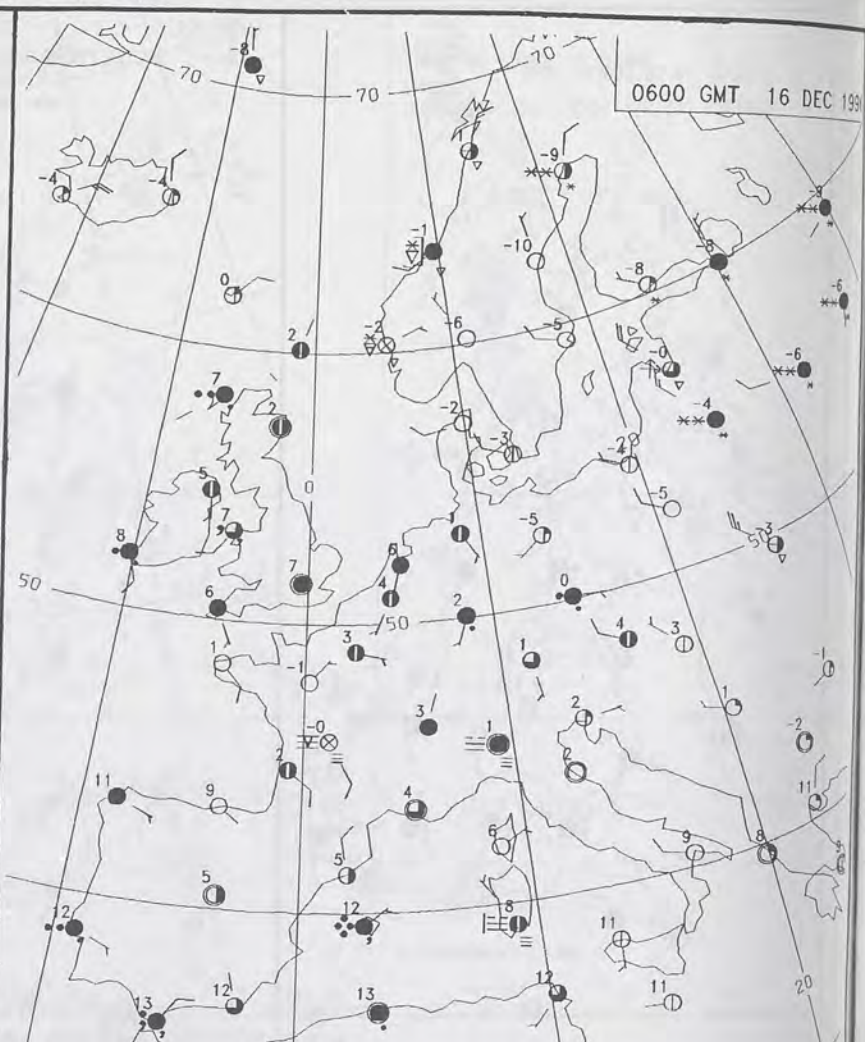
0000 GMT 17 DEC 1996



0600 16 DECEMBER 1996  
SURFACE OBSERVATIONS

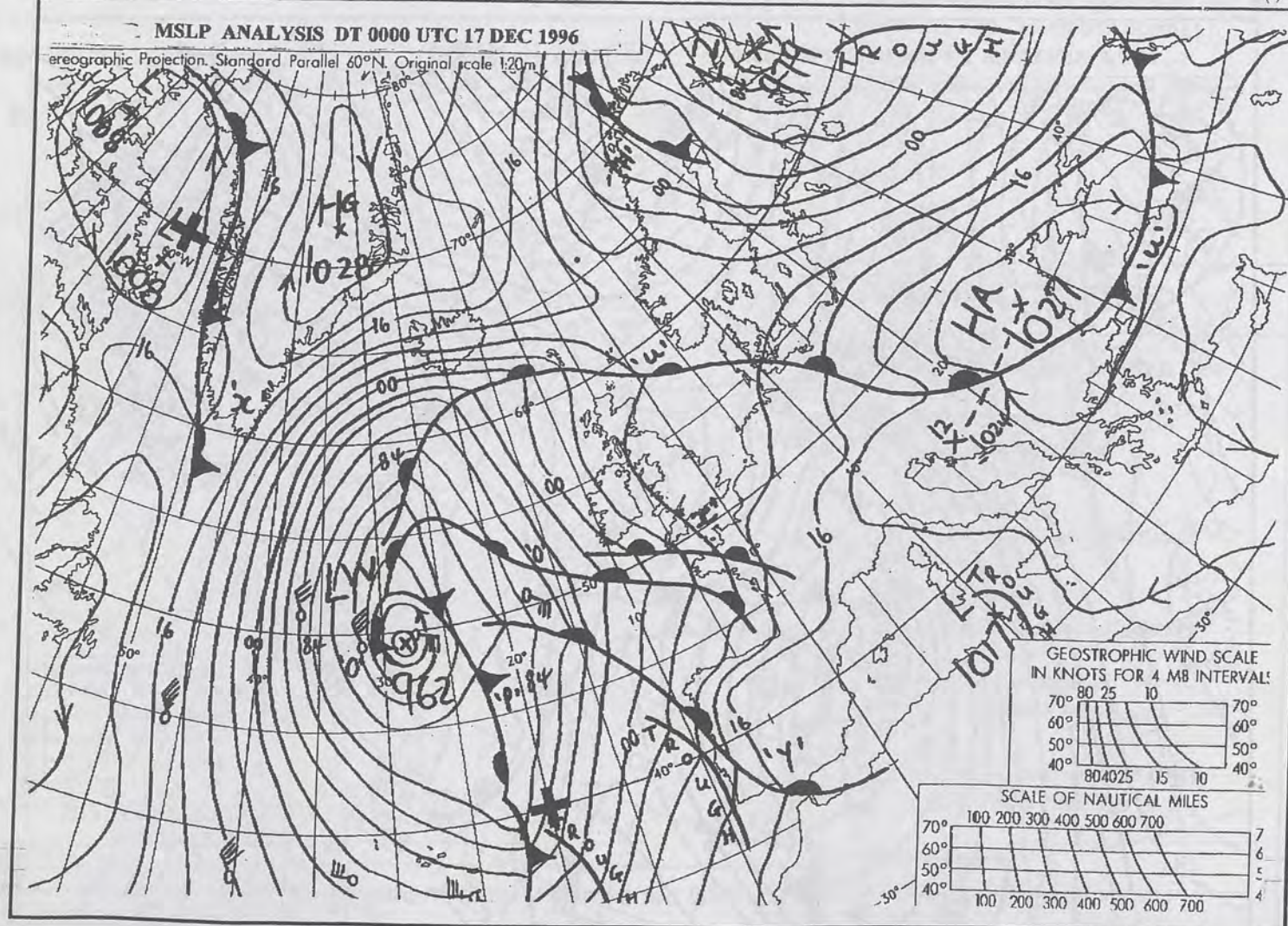


0600 GMT 16 DEC 1996



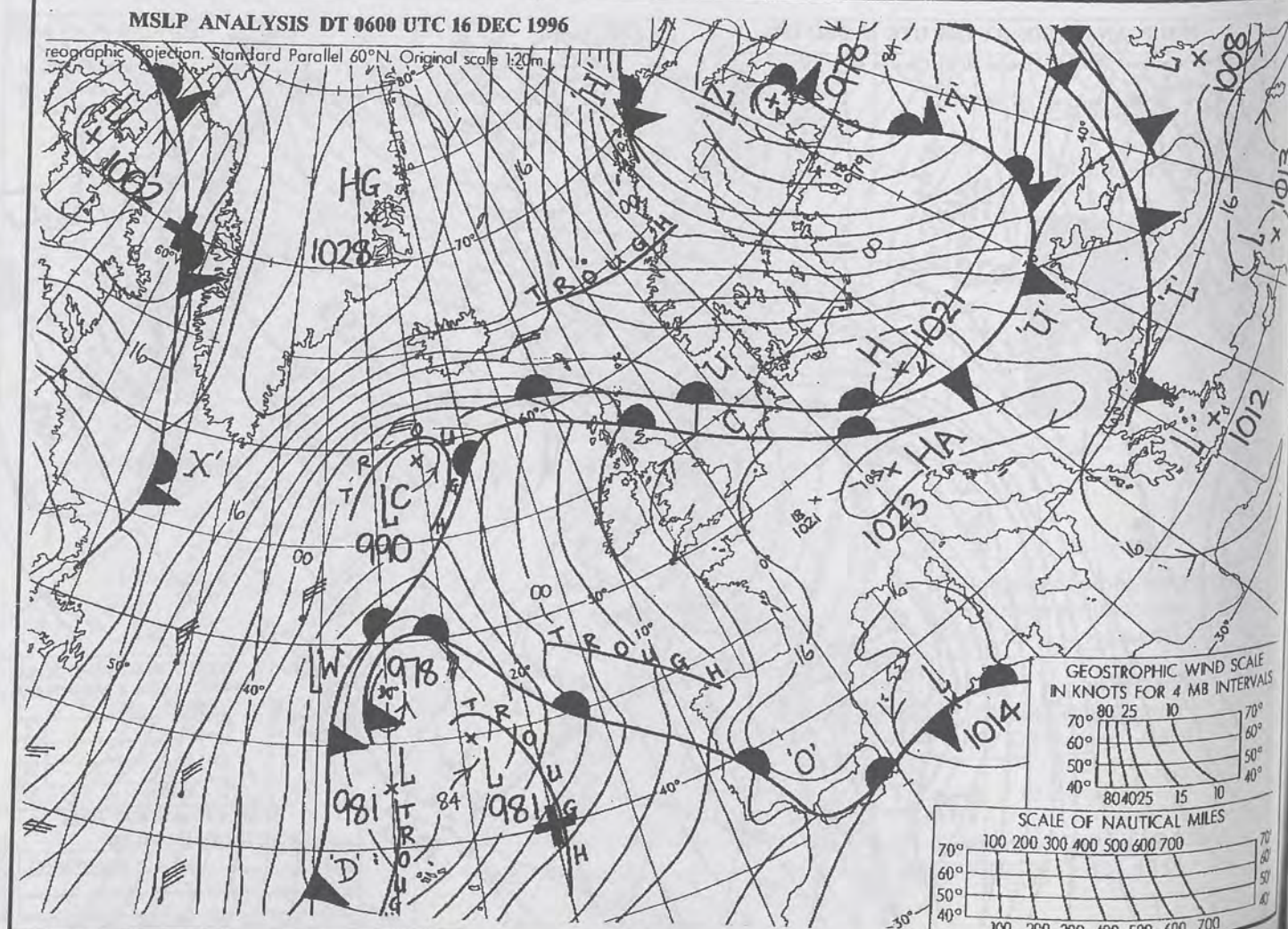
MSLP ANALYSIS DT 0000 UTC 17 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 0600 UTC 16 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m





MT 16 DEC 1996

WIND SCALE  
MB INTERVALS  
70°  
60°  
50°  
40°  
10  
MILES  
70  
60  
50  
40  
700



The Met. Office

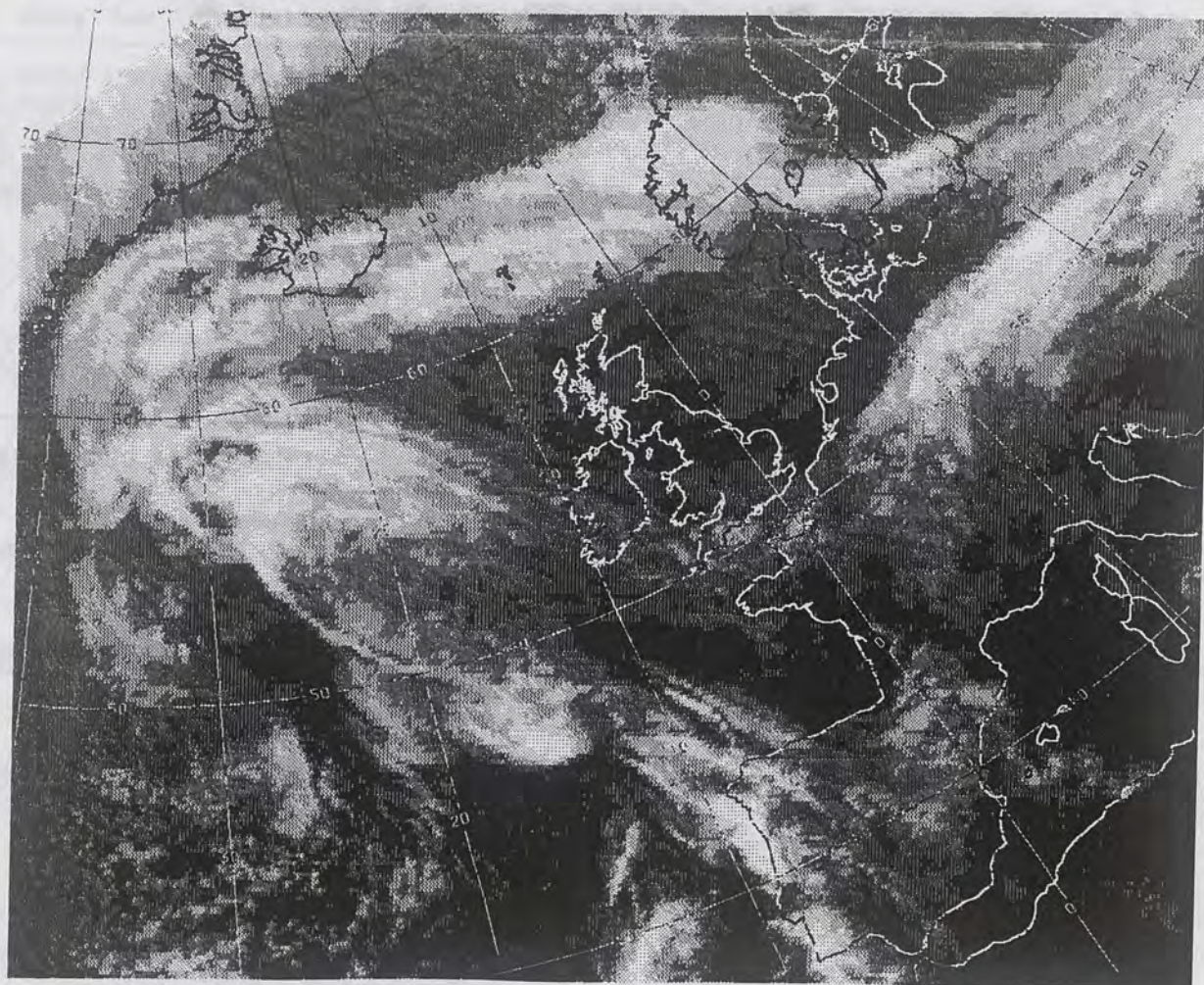
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Tuesday  
17th December  
1996

NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 17/12/96  
INFRA-RED

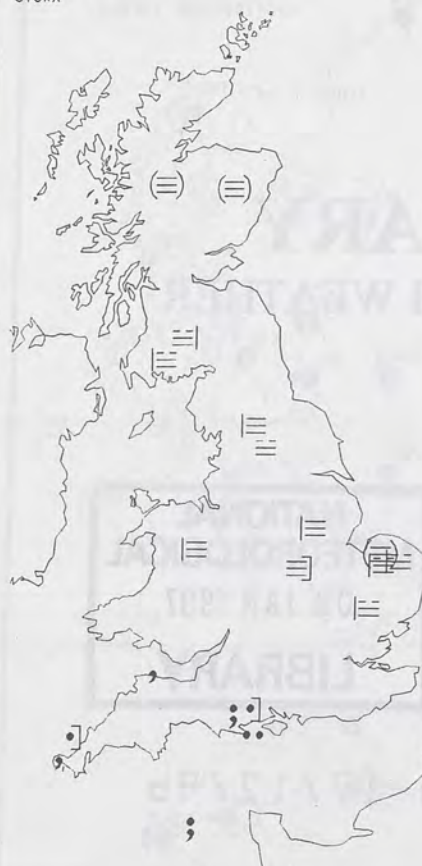


CLOUD-TOP OR LAND/SEA TEMPERATURE

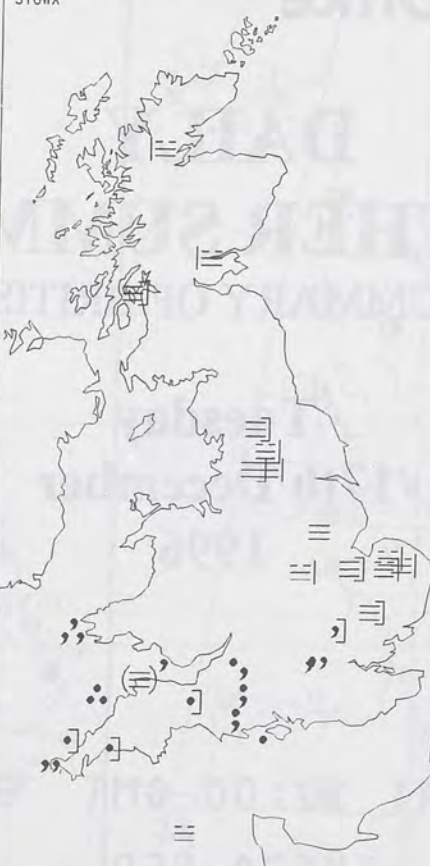
COLD WARM



0600 17 DECEMBER 1996  
SIGWX



1200 17 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 17 DECEMBER 1996  
SIGWX



2400 17 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Tuesday 17th December 1996

Rain and drizzle in the southwest spread along the English Channel coast extending inland across the southern counties by morning. Apart from some patchy rain over Shetland, the rest of the country had a mostly dry night. Cloud broke in many areas with the best breaks across north Wales, the Midlands and East Anglia. This led to some mist and fog patches.

The fog proved to be quite dense over East Anglia, the East Midlands and parts of northeast England, remaining throughout the day. Elsewhere in the north and east it was a bright day. Further fog patches formed after dark, particularly across eastern Scotland.

Southern counties of England remained cloudy, and cloud increased across western parts, making progress north-eastwards to most parts by the end of the day. The southern counties of England had patchy drizzle throughout the day and the increasing cloud brought patchy drizzle to Wales, the Midlands, and parts of the northwest.

Temperatures were rather cold in northeast Scotland and in parts of East Anglia where the fog lingered. Elsewhere temperatures were near normal or mild.

## EXTREMES

### TUESDAY 17th DECEMBER 1996

**Highest Maximum**  
: 13.8 C Guernsey / L'Ancresse

**Lowest Maximum**  
: -3.3 C Aviemore [ Highland ]

**Lowest Minimum**  
: -4.9 C Aviemore

**Lowest Grass Minimum**  
: -7.4 C Aviemore

**Most Rain (24 hrs from 0900 GMT)**  
: 13.4mm Drumalbin [ Strathclyde ]

**Most Sunshine**  
: 5.3 hrs Southport [ Merseyside ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
17 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
17 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
17 DECEMBER 1996



X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
17 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
17 DECEMBER 1996



X INDICATES TRACE TO 0.4 MM

X INDICATES TRACE TO 0.4 MM

## DAILY WEATHER SUMMARY



For details of other Weather Summaries produced by the Met. Office please contact:

London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



1200 17 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 17 DEC 1996

1800 17 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 17 DEC 1996

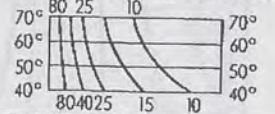
MSLP ANALYSIS DT 1200 UTC 17 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

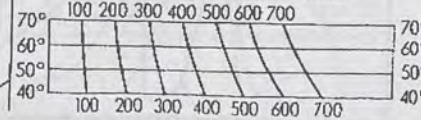
MSLP ANALYSIS DT 1800 UTC 17 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

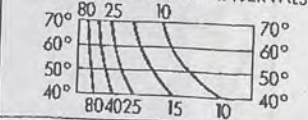
GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



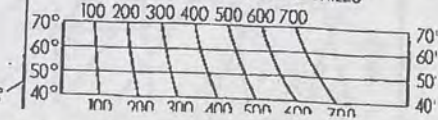
SCALE OF NAUTICAL MILES



GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS

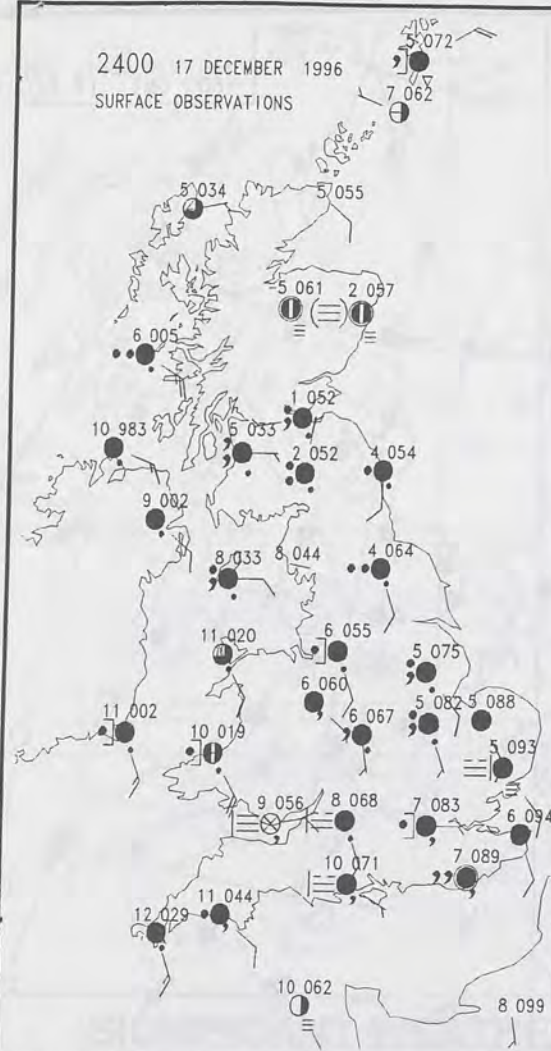


SCALE OF NAUTICAL MILES

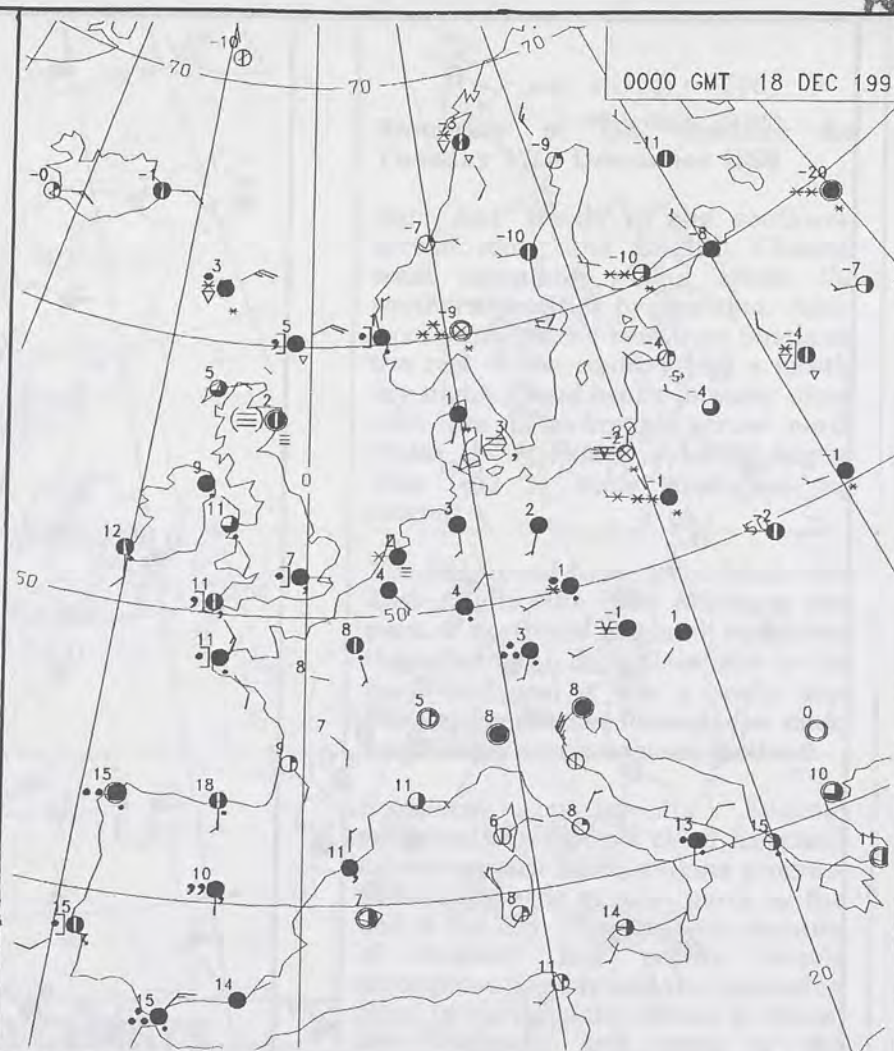




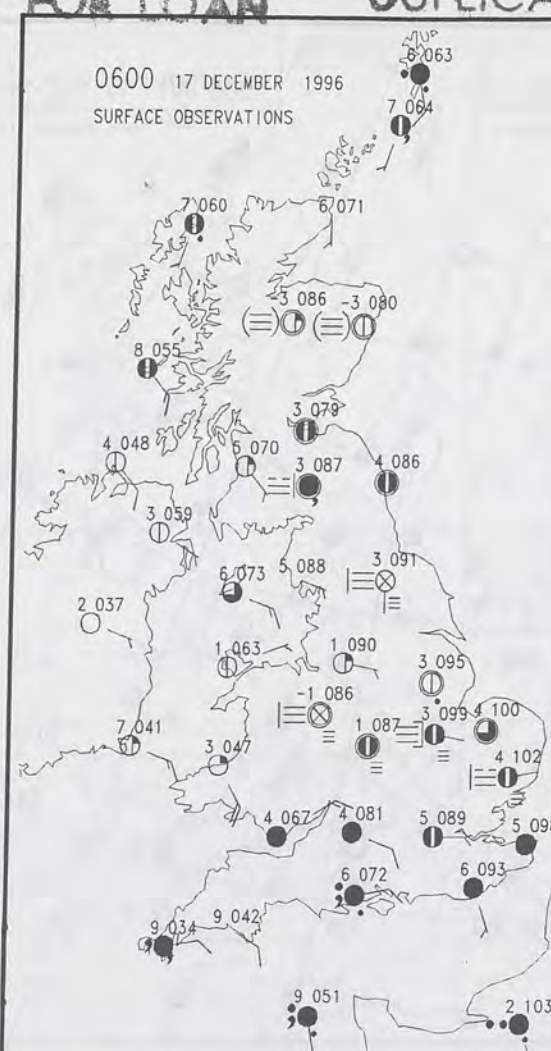
2400 17 DECEMBER 1996  
SURFACE OBSERVATIONS



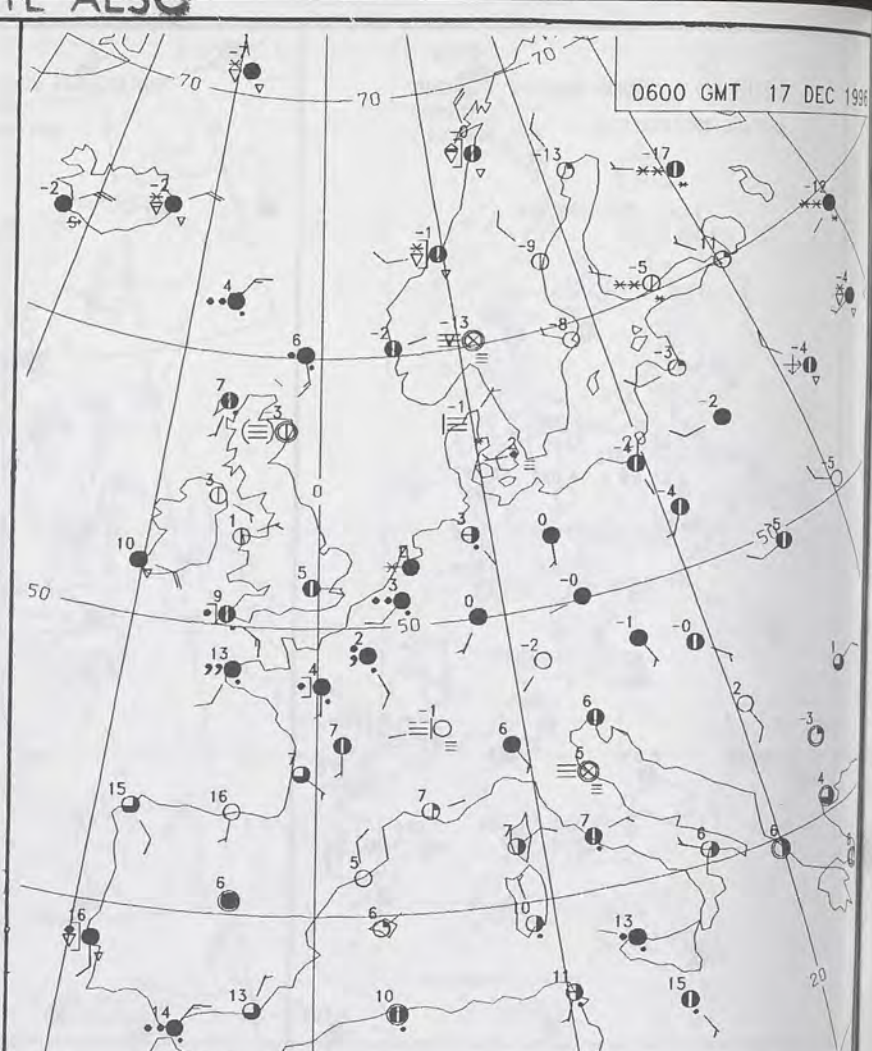
0000 GMT 18 DEC 1996



0600 17 DECEMBER 1996  
SURFACE OBSERVATIONS

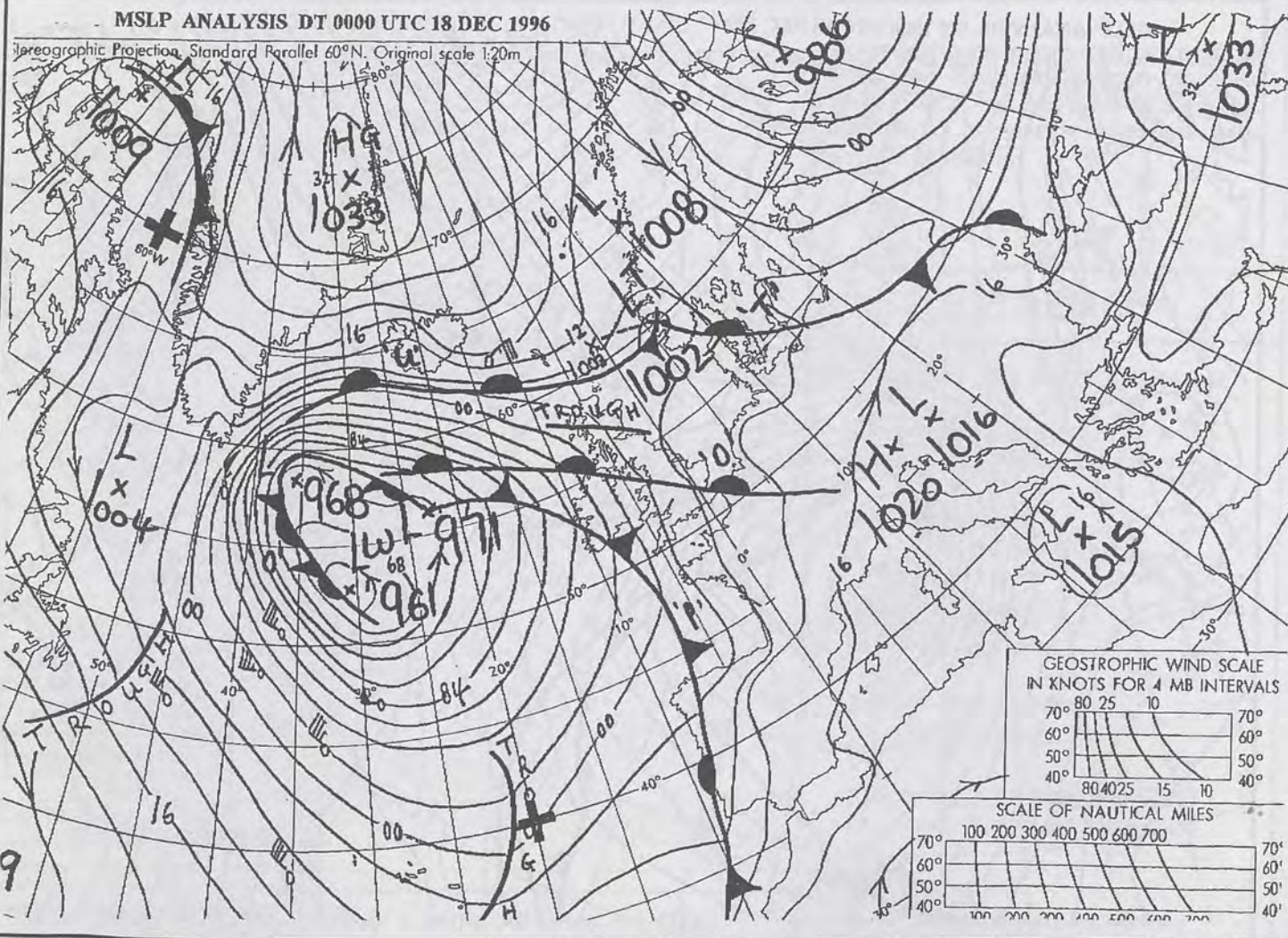


0600 GMT 17 DEC 1996



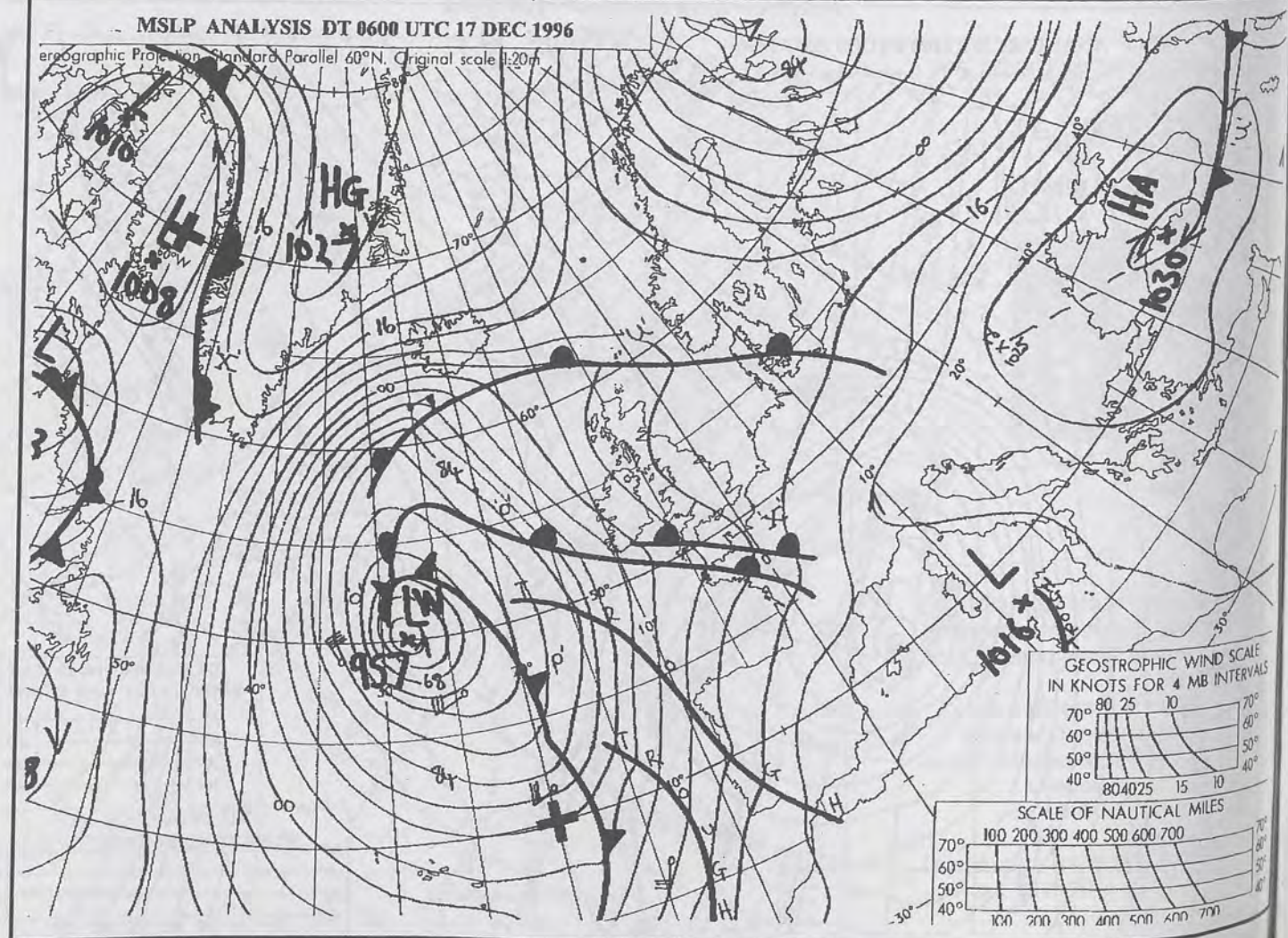
MSLP ANALYSIS DT 0000 UTC 18 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 0600 UTC 17 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

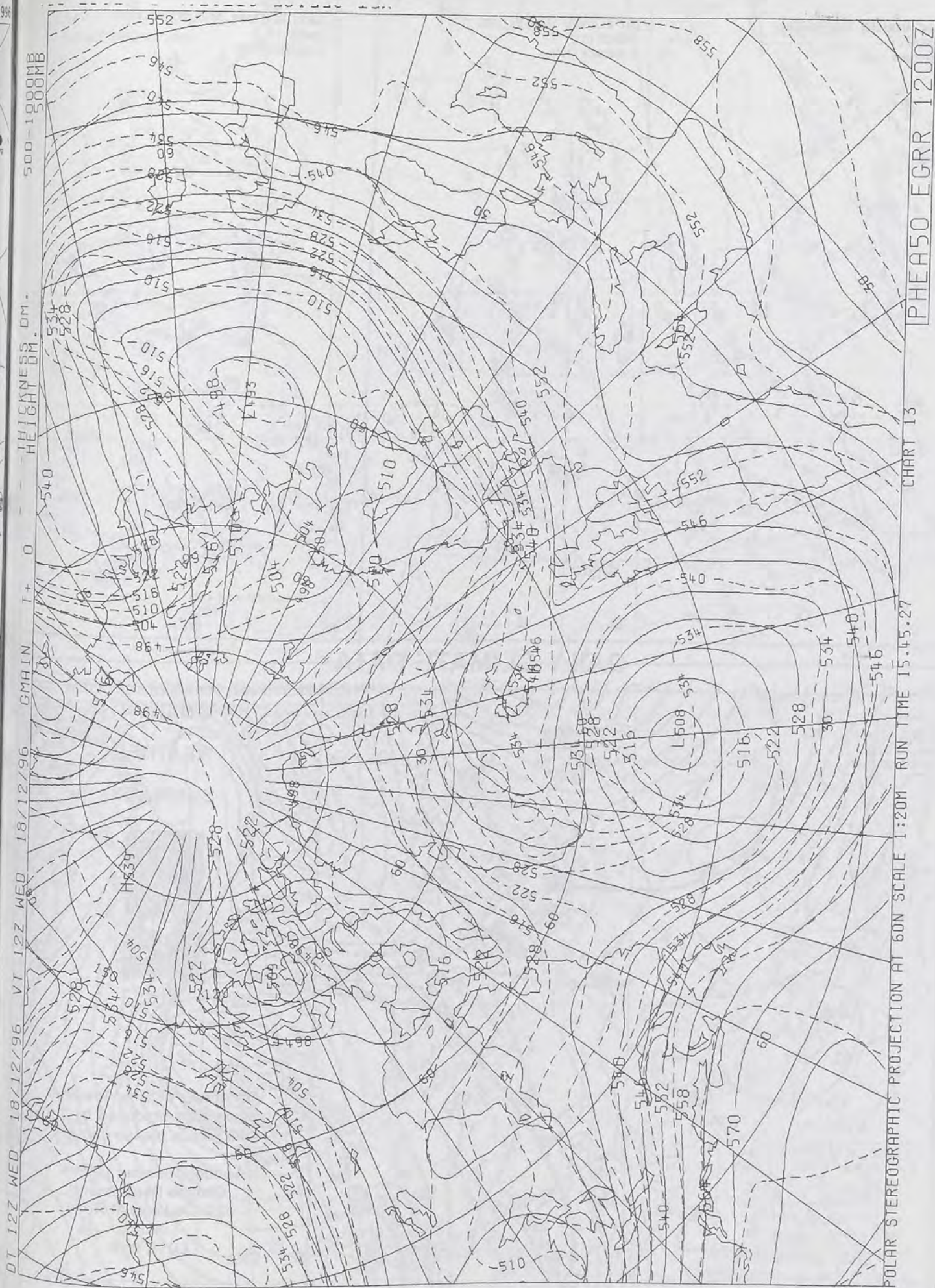


DT 12Z WED 18/12/96 VT 12Z WED 18/12/96 GMAIN I+ 0 HEIGHT 500-1900MB



AT 17 DEC 1996

WIND SCALE  
4 MB INTERVALS  
70°  
60°  
50°  
40°  
30°  
20°  
10°  
0°  
N MILES  
0 10 20 30 40 50 60 70  
km



The Met. Office

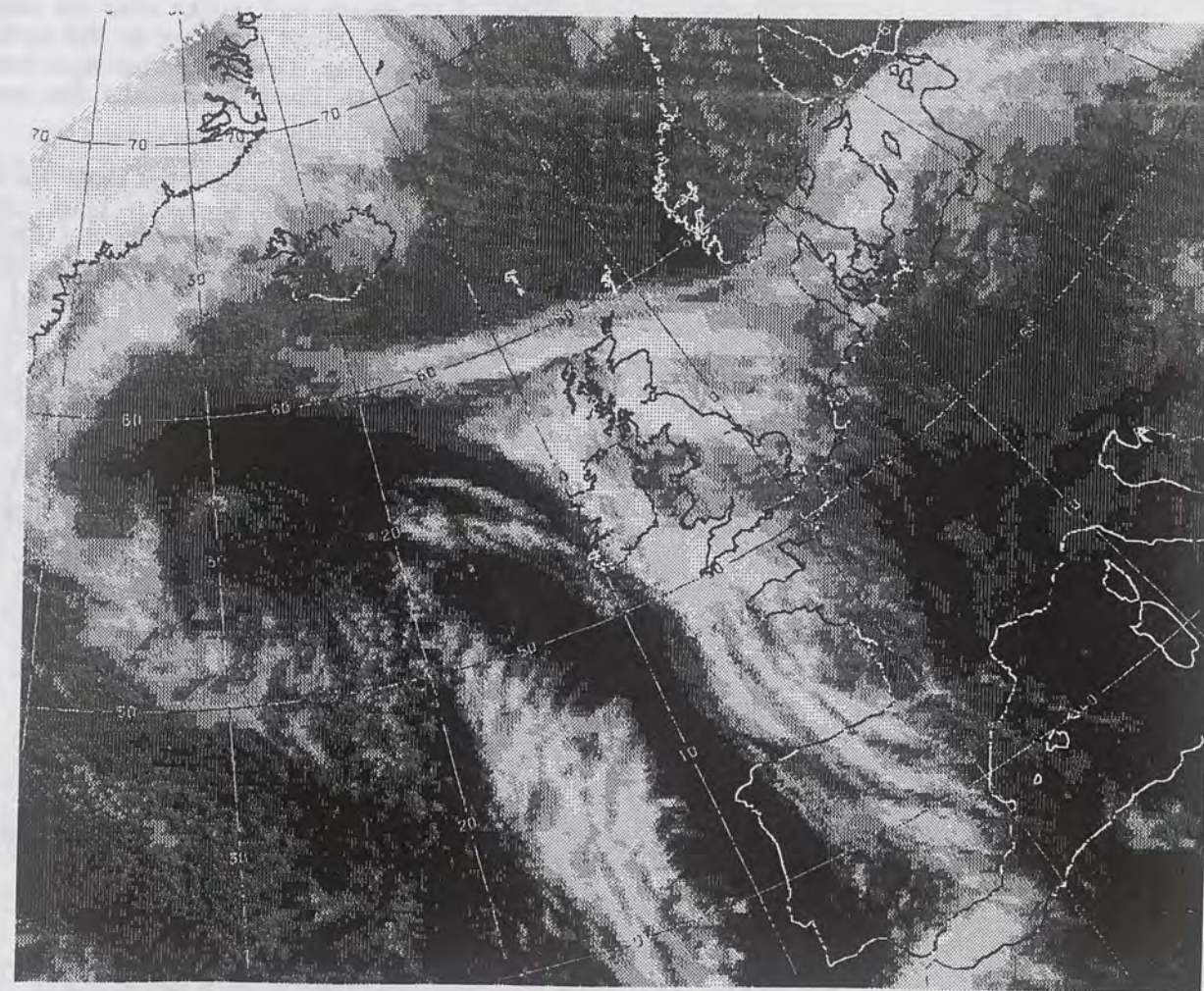
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Wednesday  
18th December  
1996

NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 18/12/96  
INFRA-RED

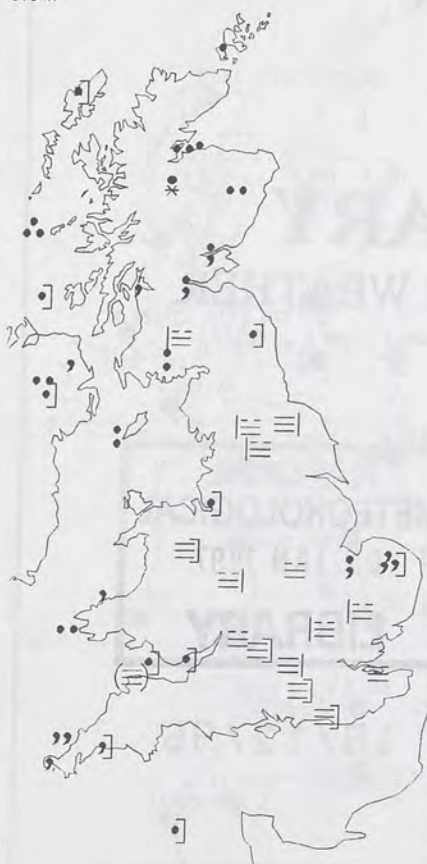


CLOUD-TOP OR LAND/SEA TEMPERATURE

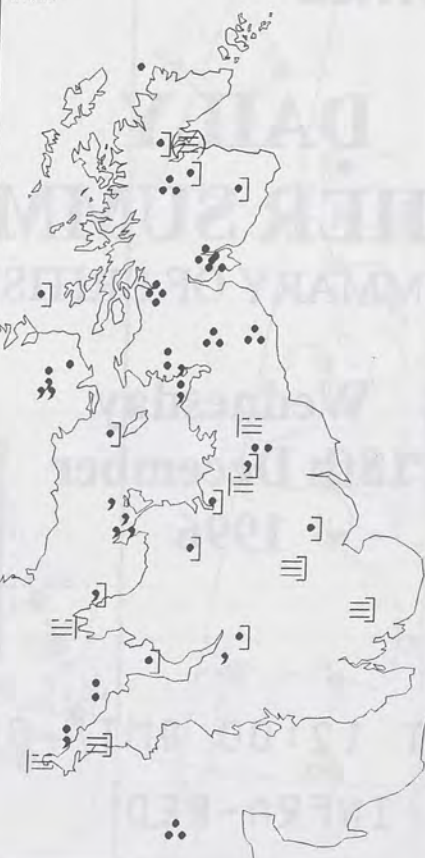
COLD WARM



0600 18 DECEMBER 1996  
SIGWX



1200 18 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 18 DECEMBER 1996  
SIGWX



2400 18 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Wednesday 18th December 1996

It was a cloudy night across much of the country with patchy drizzle. It was fairly murky as well, with fog across much of Central, eastern and southern England. There was patchy rain over Northern Ireland which became more persistent, moving into western Britain towards dawn.

During the morning the rain spread across Scotland but made slow progress across England and Wales with the cloud thinning across parts of southeast England. The Northern Isles also gradually became brighter.

The rain heavy at times continued its progress north and east across England and Wales during the afternoon and evening.

Drier weather followed across the West Country, south Wales and much of southern England before midnight, though patchy drizzle continued to affect coasts and hills. It remained cloudy and murky after the rain with the cloud lowering to the surface in places. Drier weather also began to push down across the far north of Scotland.

Temperatures were close to normal across the Northern Isles, northern and eastern Scotland. Elsewhere temperatures were on the mild side and locally very mild

## EXTREMES

### WEDNESDAY 18th DECEMBER 1996

**Highest Maximum**  
: 13.2 C Penzance [ Cornwall ]

**Lowest Maximum**  
: 3.3 C Sella Ness [ Shetland ]

**Lowest Minimum**  
: -7.0 C Aviemore [ Highland ]

**Lowest Grass Minimum**  
: -9.5 C Aviemore

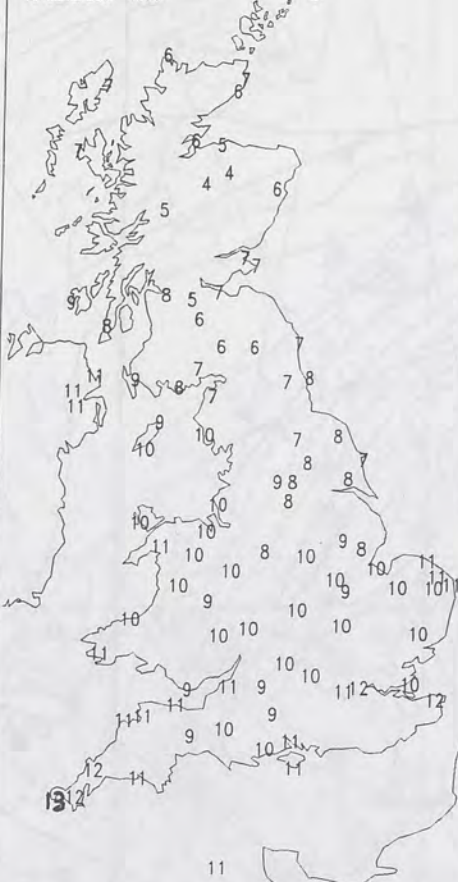
**Most Rain (24 hrs from 0900 GMT)**  
: 33.2mm Fylingdales  
[ Dumfries and Galloway ]

**Most Sunshine**  
: 1.6 hrs Folkestone [ Kent ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
18 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
18 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
18 DECEMBER 1996



X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
18 DECEMBER 1996



X INDICATES TRACE TO 0.4 MM

DAY RAINFALL  
(MILLIMETRES)  
18 DECEMBER 1996



X INDICATES TRACE TO 0.4 MM

## DAILY WEATHER SUMMARY



For details of other Weather Summaries produced by the Met. Office please contact:

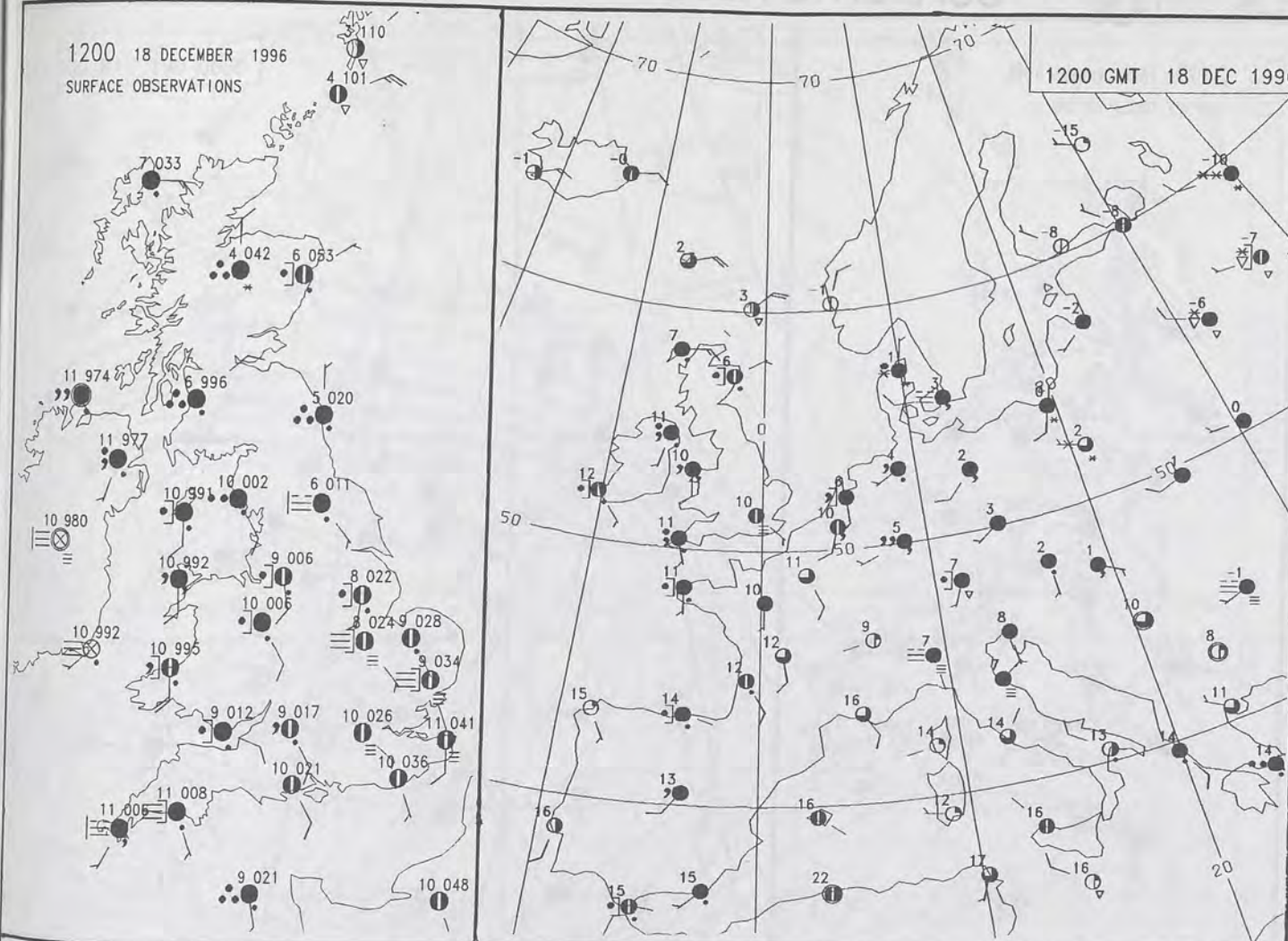
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



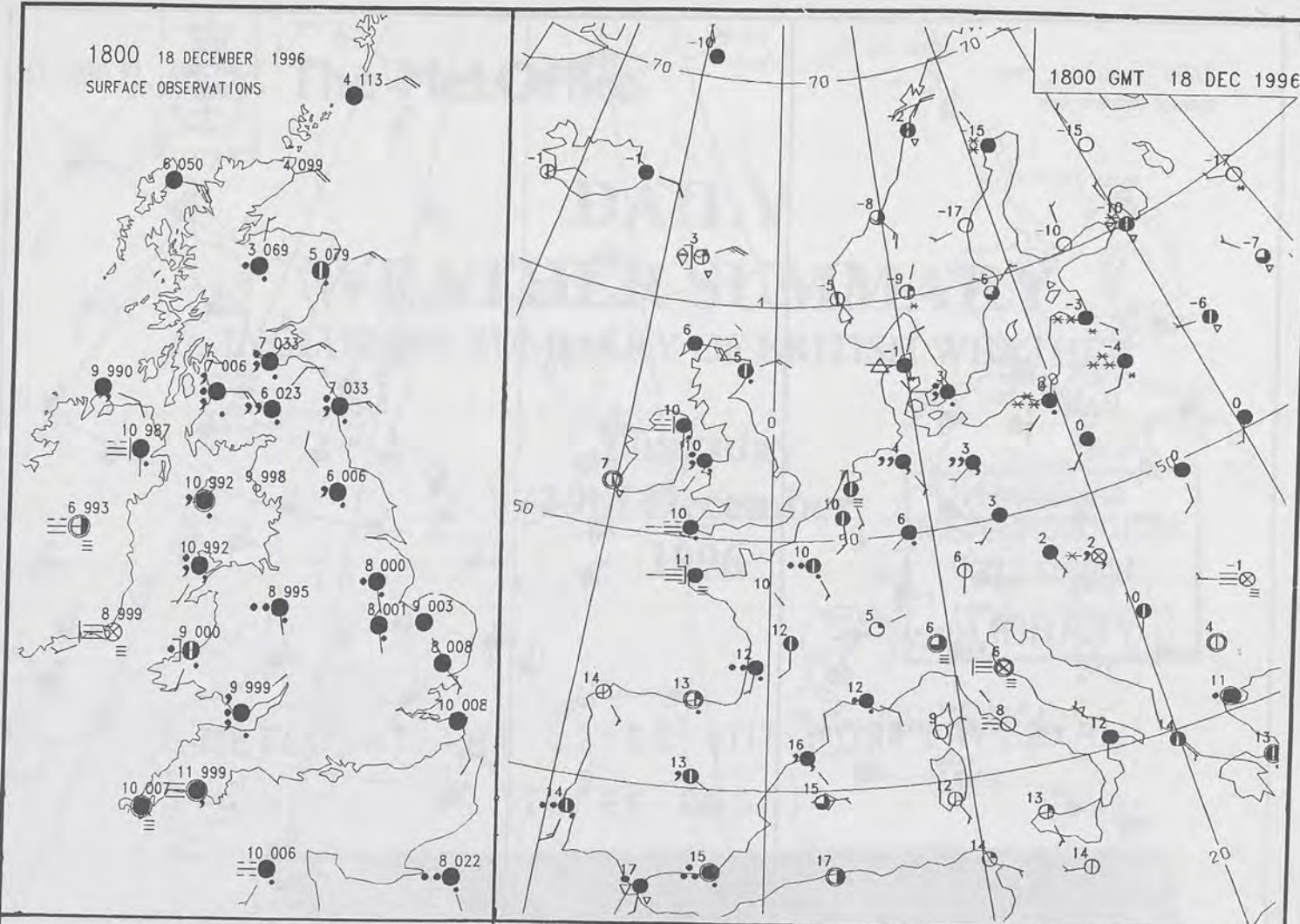
1200 18 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 18 DEC 1996



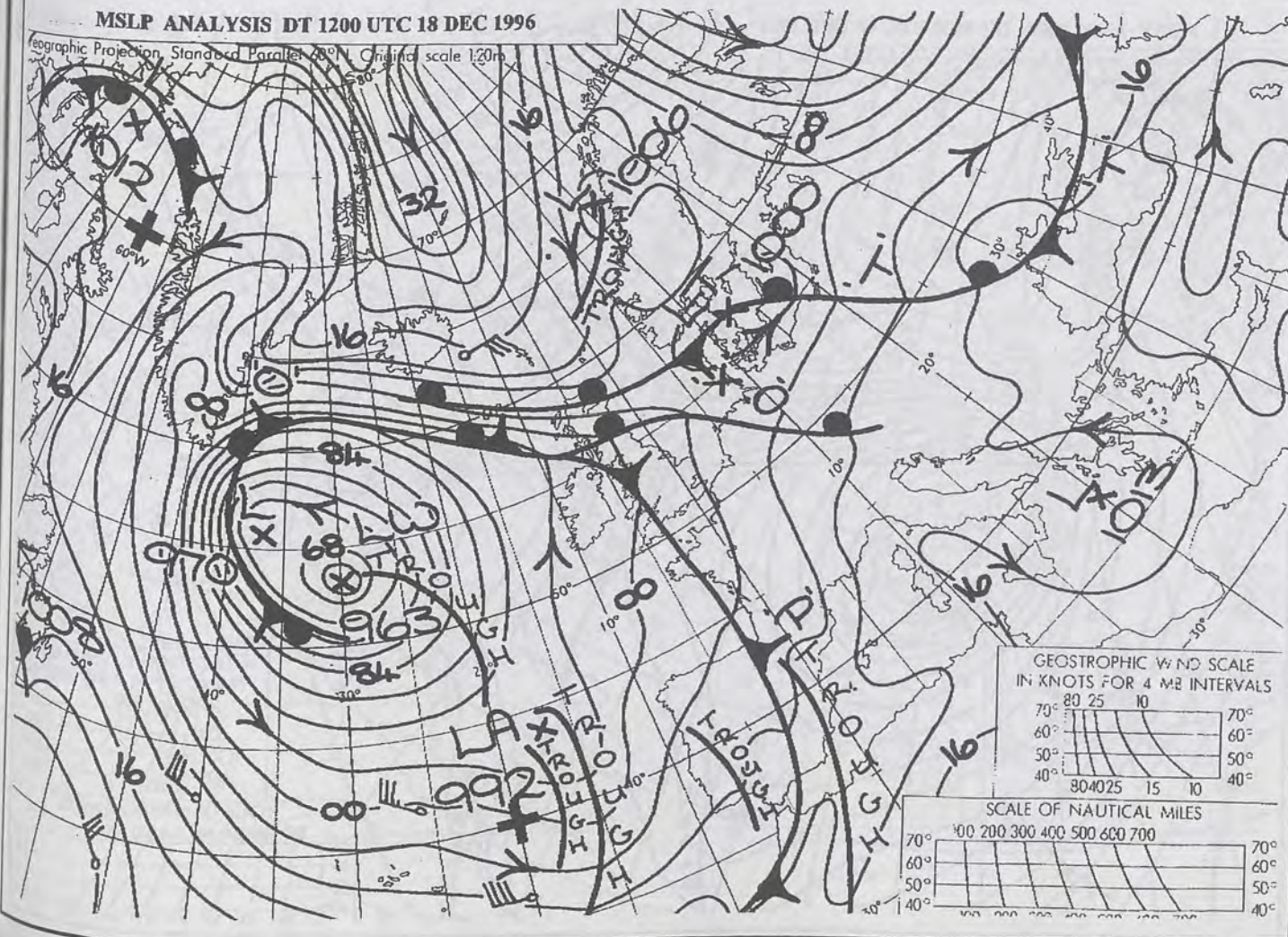
1800 18 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 18 DEC 1996



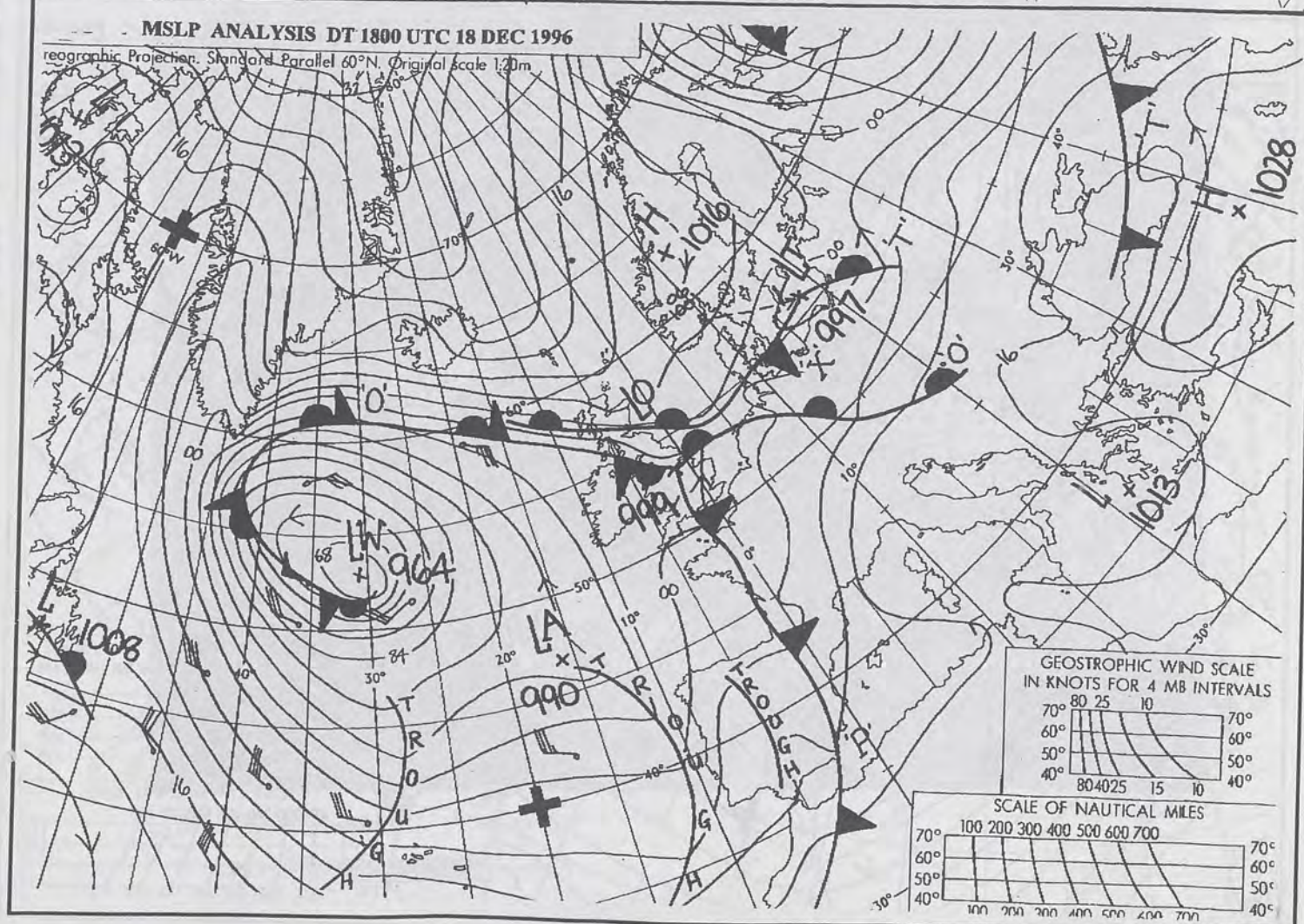
MSLP ANALYSIS DT 1200 UTC 18 DEC 1996

Geographic Projection, Standard Parallel 20°N, Original scale 1:200,000

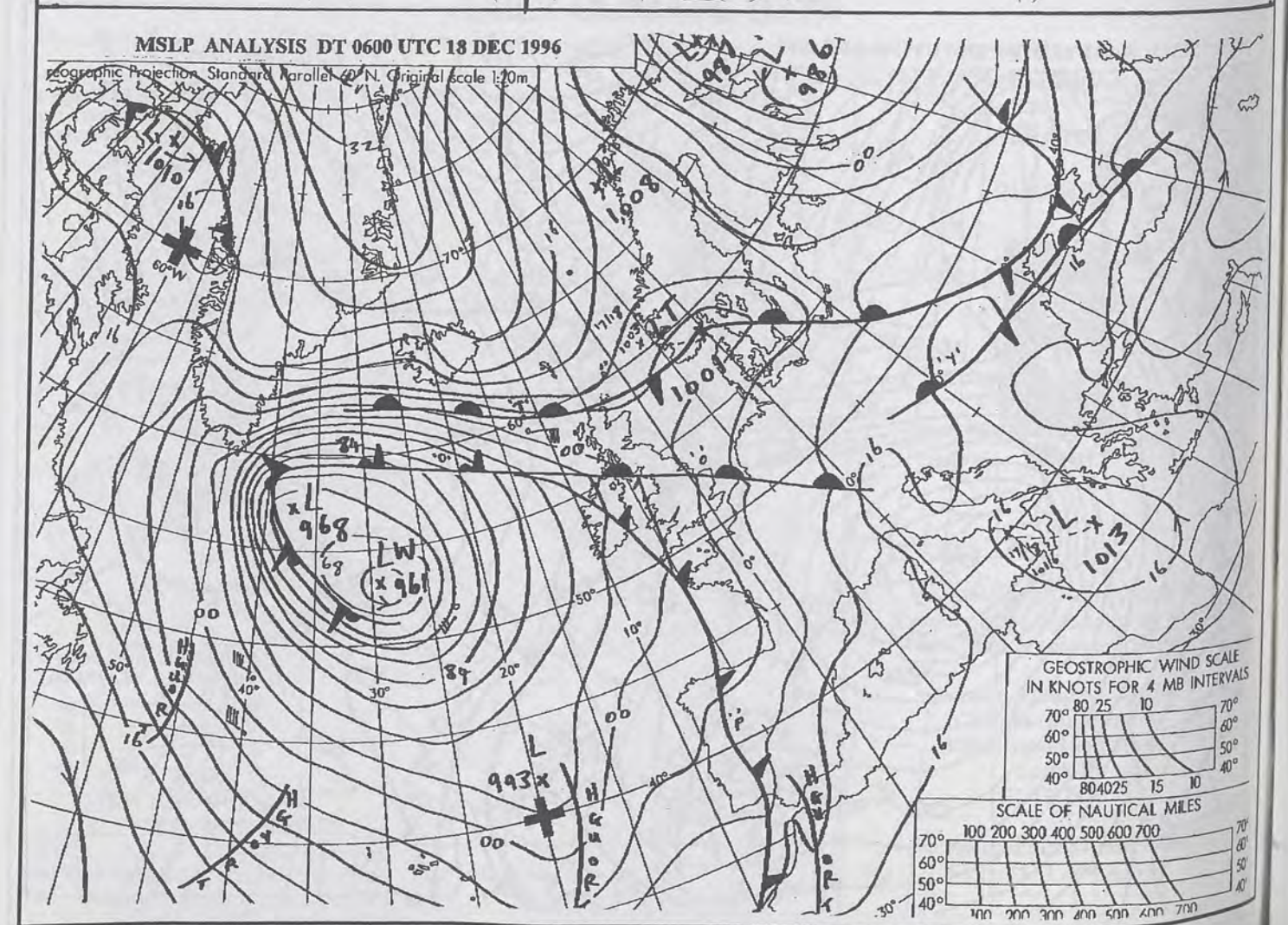
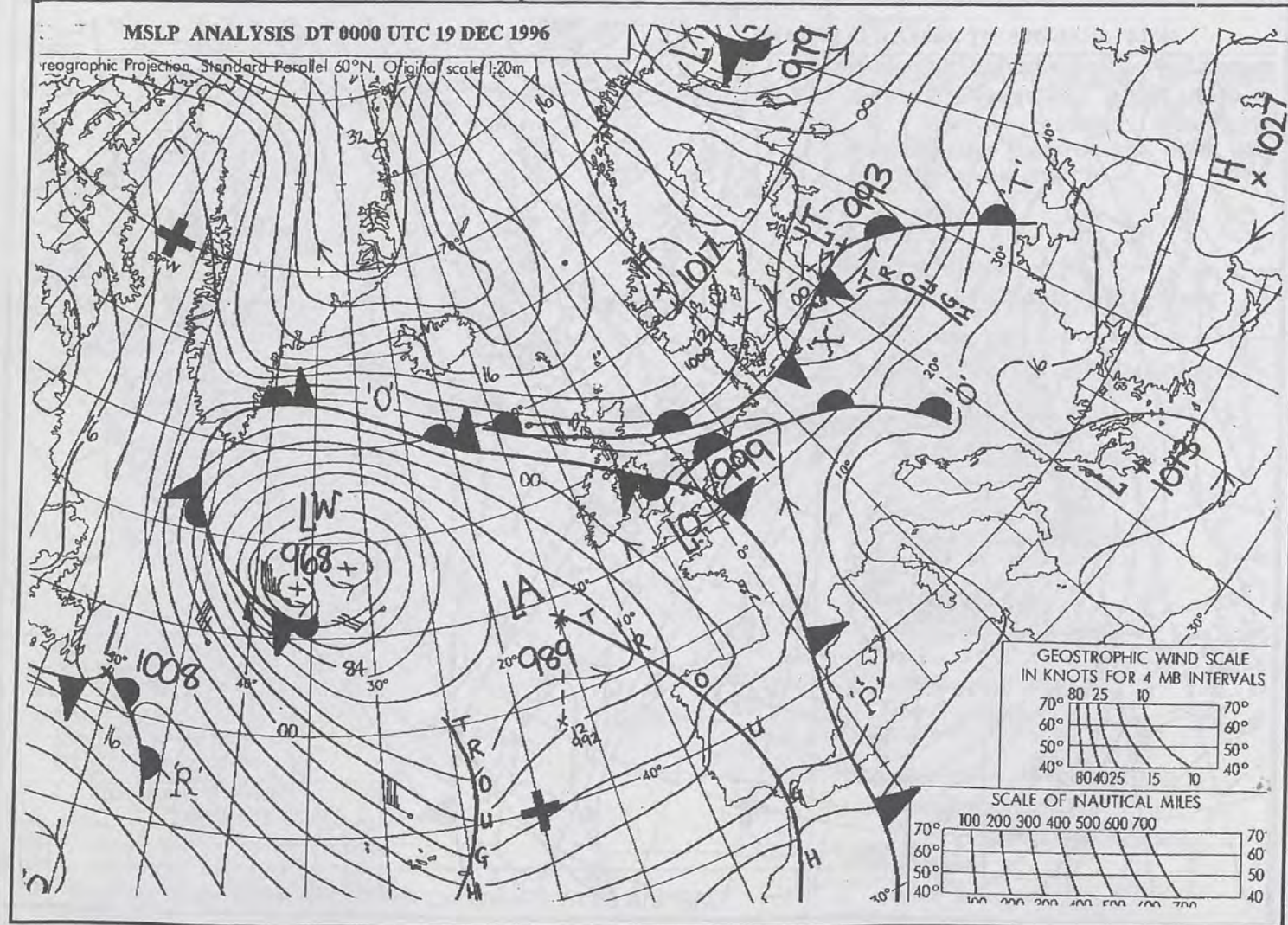
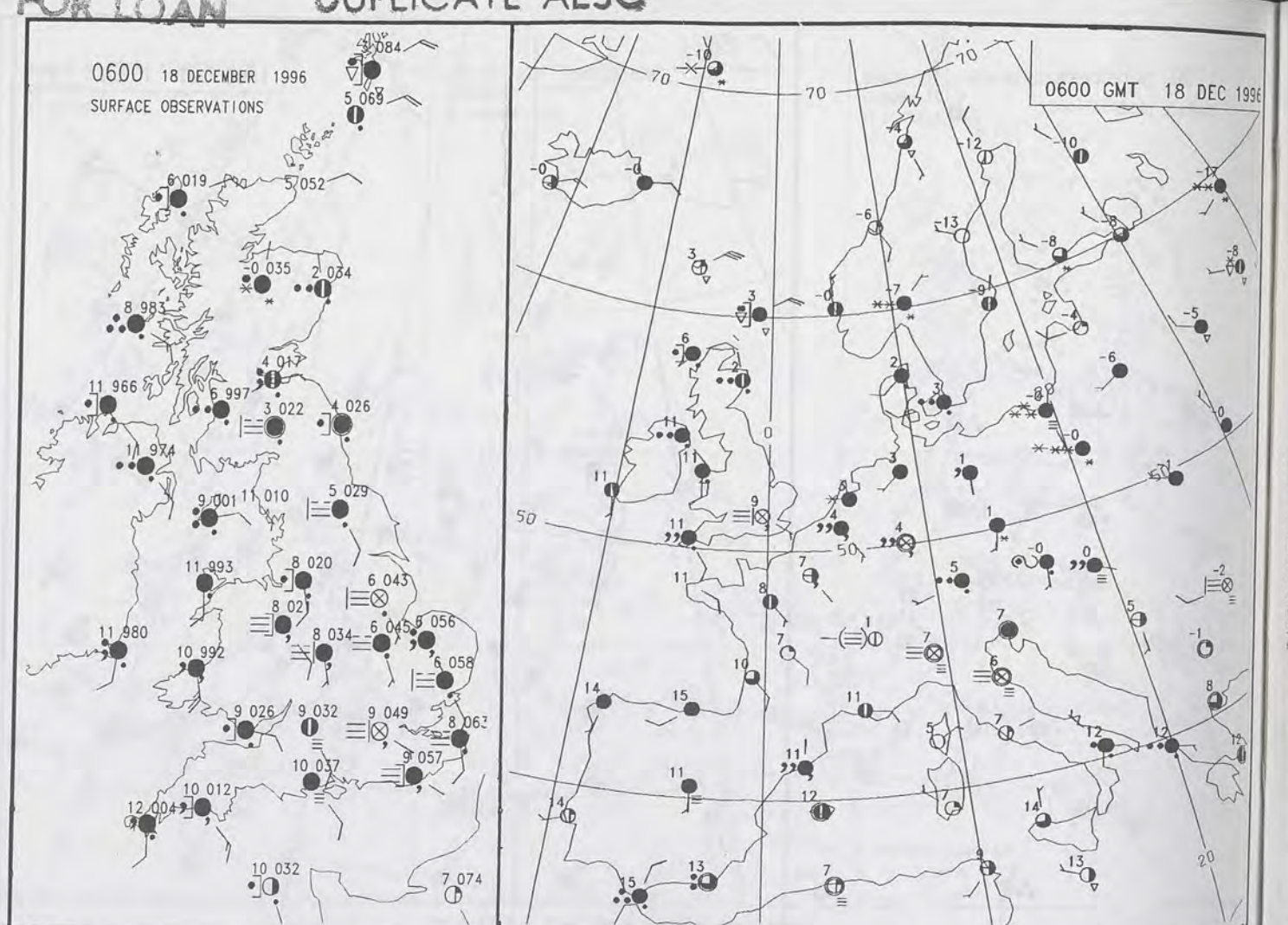
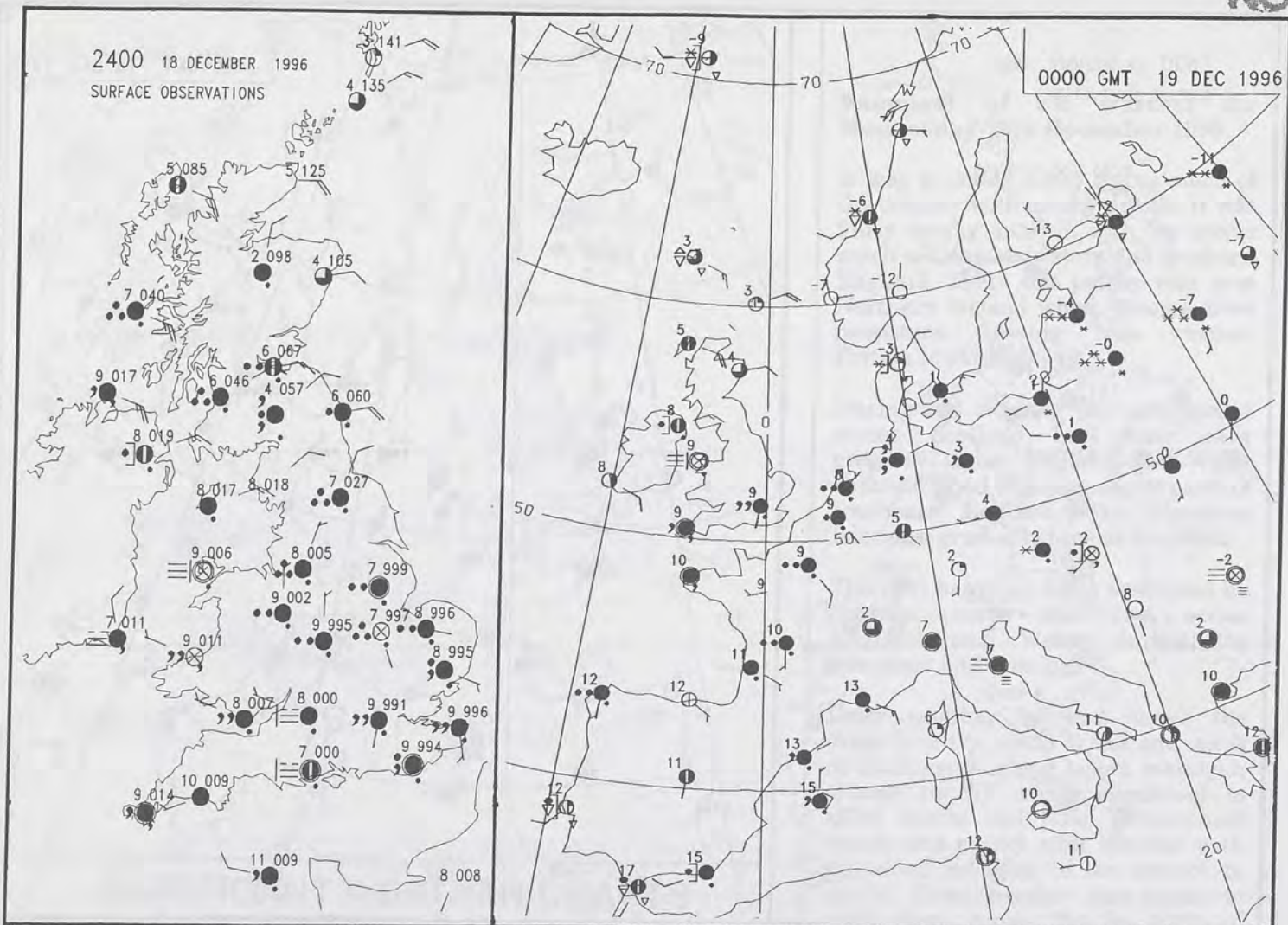


MSLP ANALYSIS DT 1800 UTC 18 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:200,000



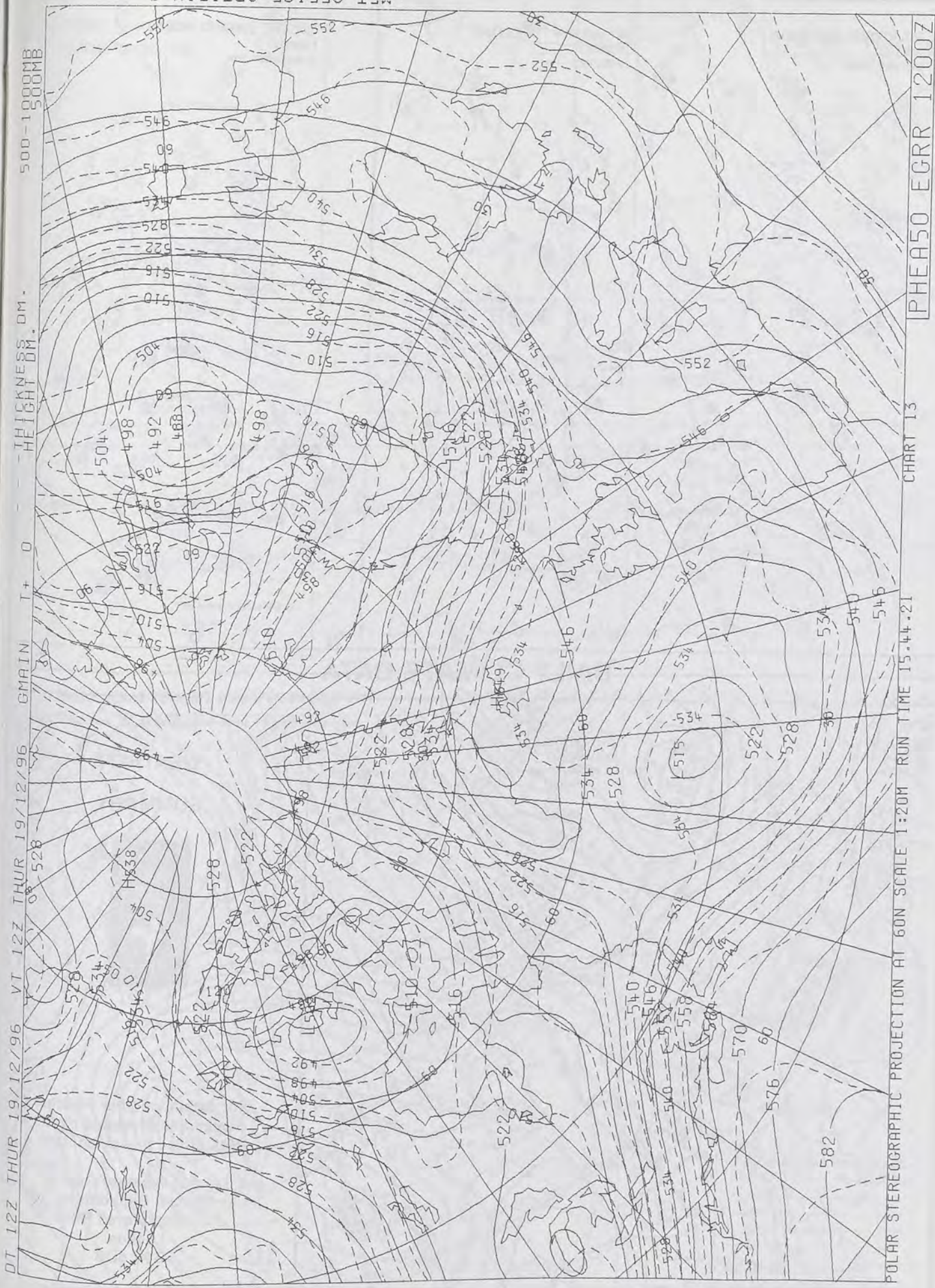
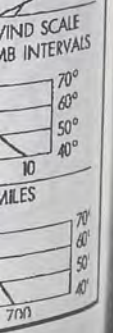




DT 12Z THUR 19/12/96 VT 12Z THUR 19/12/96 GMAIN T+ 0 -HEIGHT DM. 500-1980MB



18 DEC 1996



The Met. Office

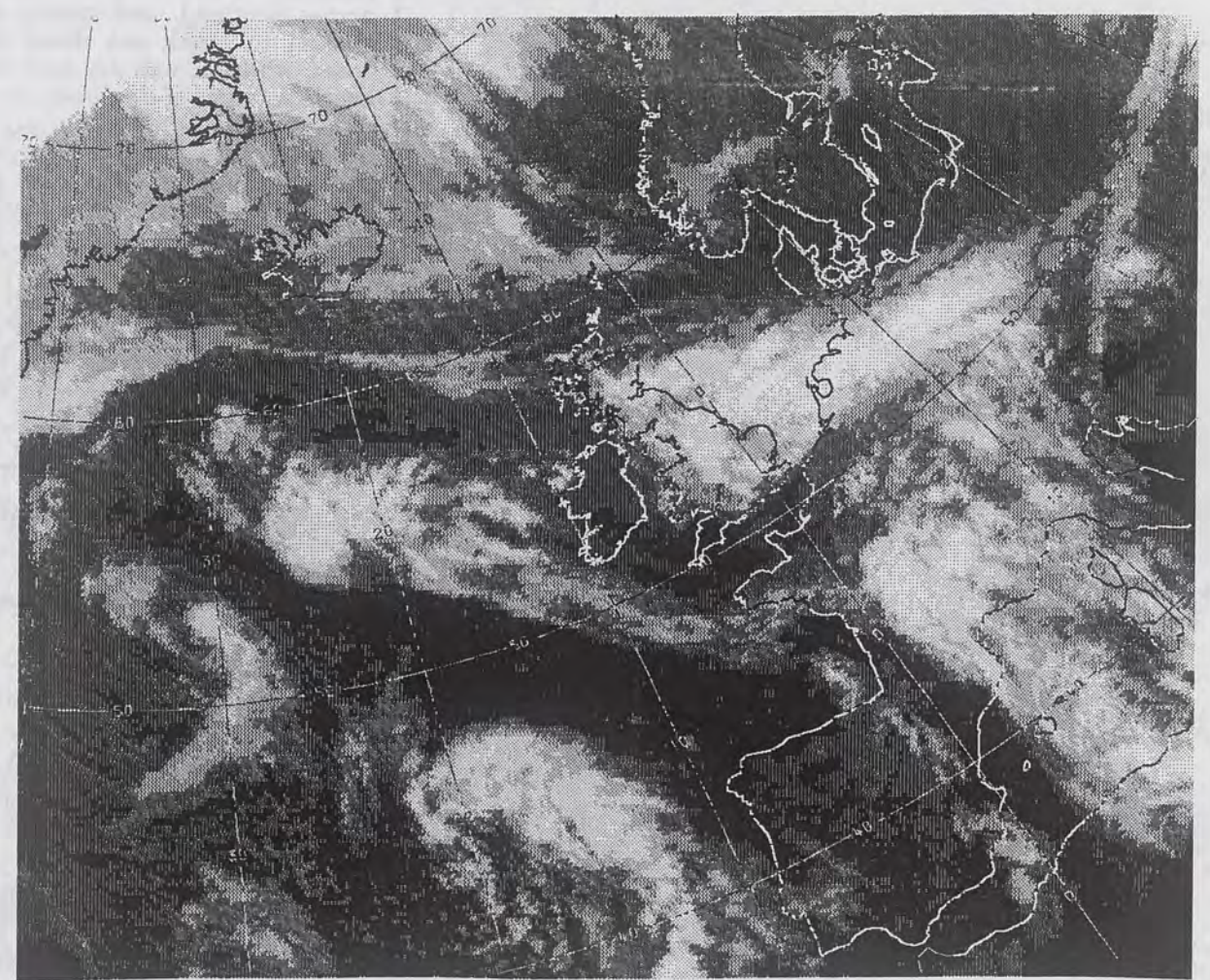
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Thursday  
19th December  
1996

NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 19/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE





0600 19 DECEMBER 1996  
SIGWX



1200 19 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 19 DECEMBER 1996  
SIGWX



2400 19 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Thursday 19th December 1996

A cloudy night with outbreaks of rain or drizzle across much of the UK, with just the north of Scotland staying dry. Across other parts of England, there were a few fog patches.

There was little change during the day, staying generally cloudy with outbreaks of rain or drizzle. The north of Scotland and the south of England, both stayed generally dry, with the best of any breaks in western Scotland, where there was some sunshine. Otherwise there was outbreaks of rain across the rest of the UK, heavy at times across East Anglia, and central and northern parts of England, with sleet or snow over hills.

There was little change through the evening and into the night, with the rain not changing from it's afternoon position. There were clear spells across Scotland, and wintry showers started to break out down the east coast, whilst it was dry and cloudy in southern parts of England.

Temperatures were rather cold in Scotland, mild in southern parts of England, and near normal across the rest of the UK.

## EXTREMES

### THURSDAY 19th DECEMBER 1996

**Highest Maximum**  
: 12.1 C Guernsey / L'Ancresse

**Lowest Maximum**  
: 1.9 C Glenlivet [ Grampian ]

**Lowest Minimum**  
: -2.3 C Aboyne [ Grampian ]

**Lowest Grass Minimum**  
: -6.8 C Kinloss [ Moray Firth ]

**Most Rain (24 hrs from 0900 GMT)**  
: 27.5mm Greenock [ nr Glasgow ]

**Most Sunshine**  
: 1.3 hrs Fair Isle

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
19 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
19 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
19 DECEMBER 1996



X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
19 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
19 DECEMBER 1996



## DAILY WEATHER SUMMARY



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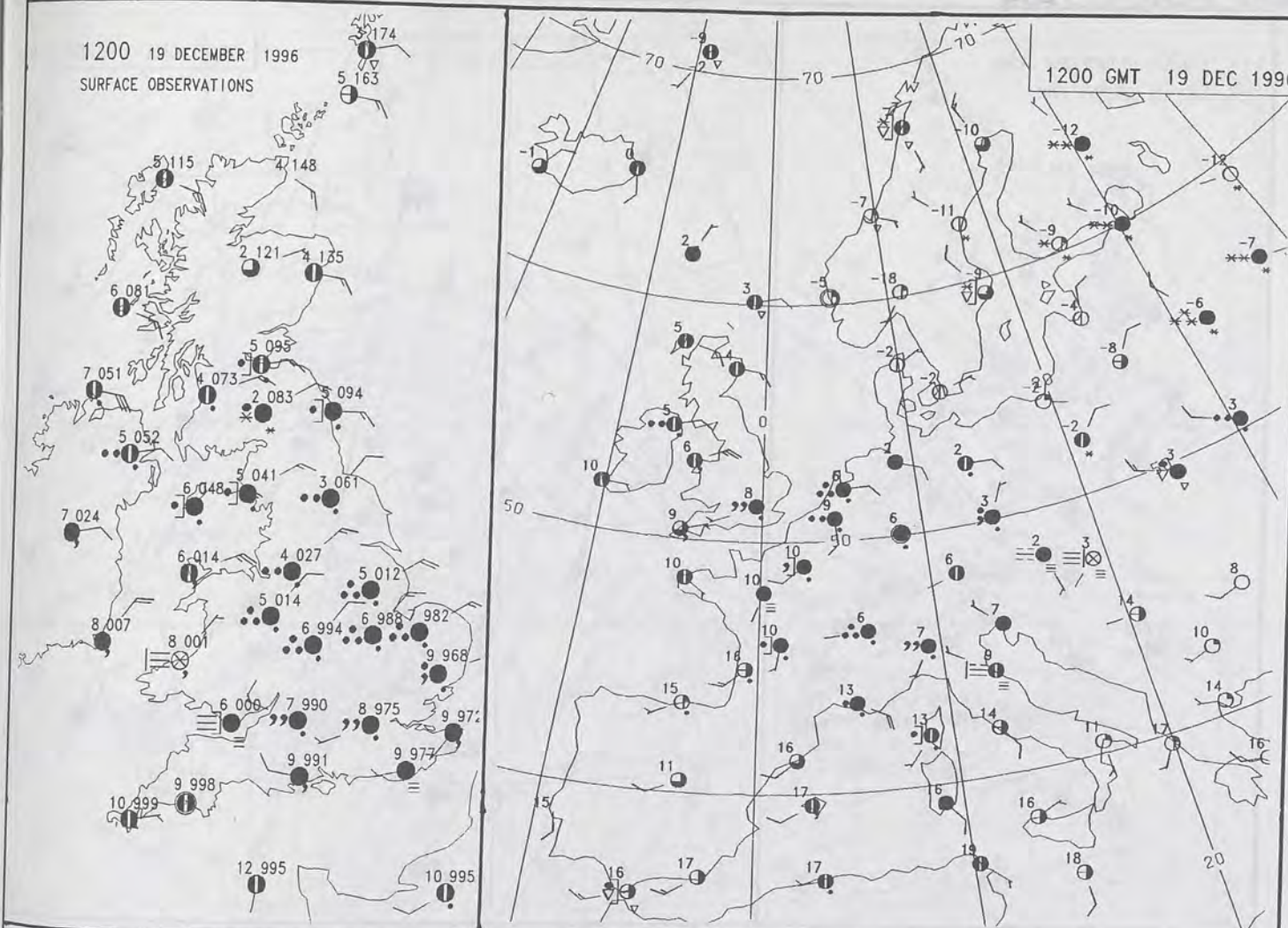
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



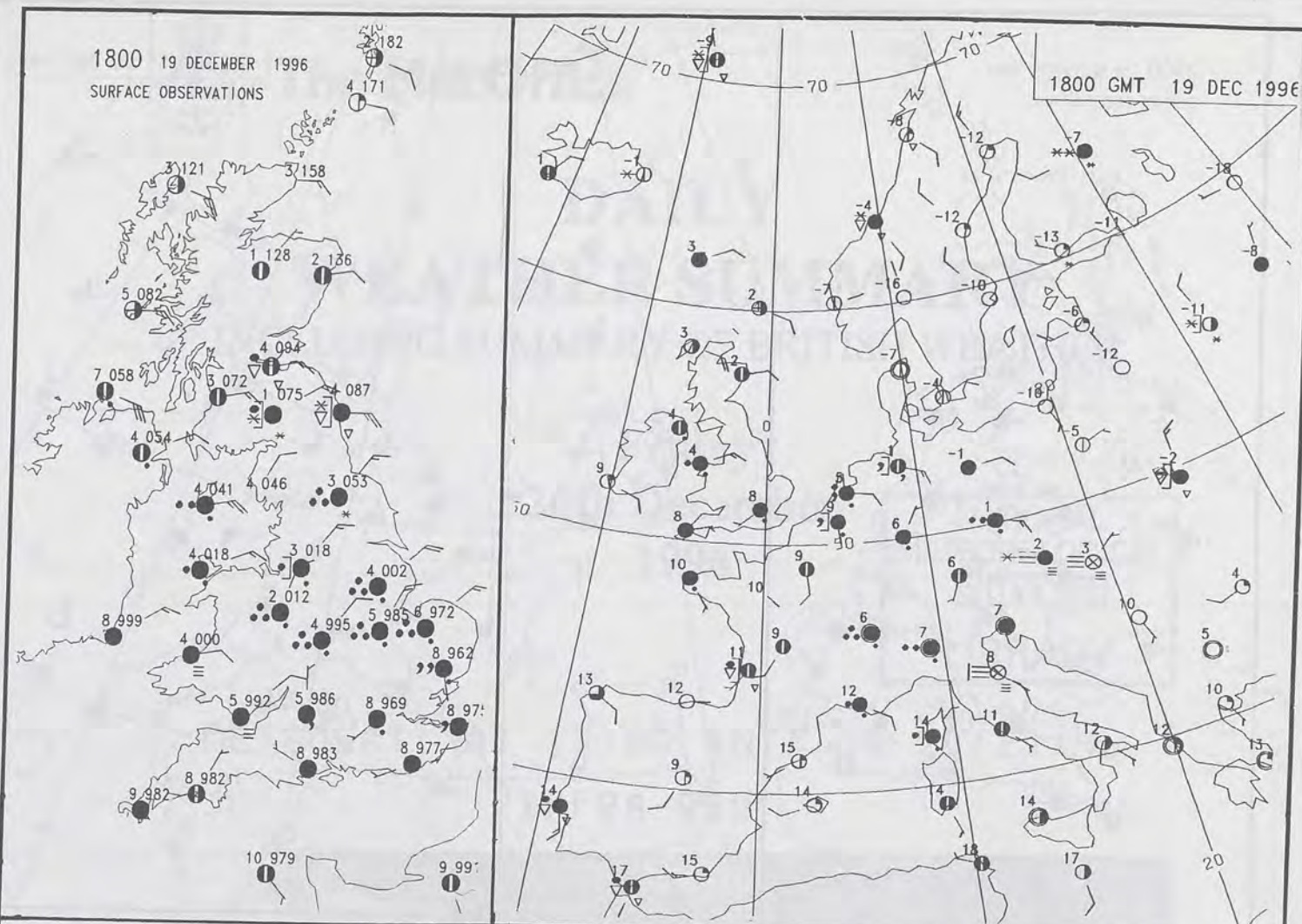
1200 19 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 19 DEC 1996



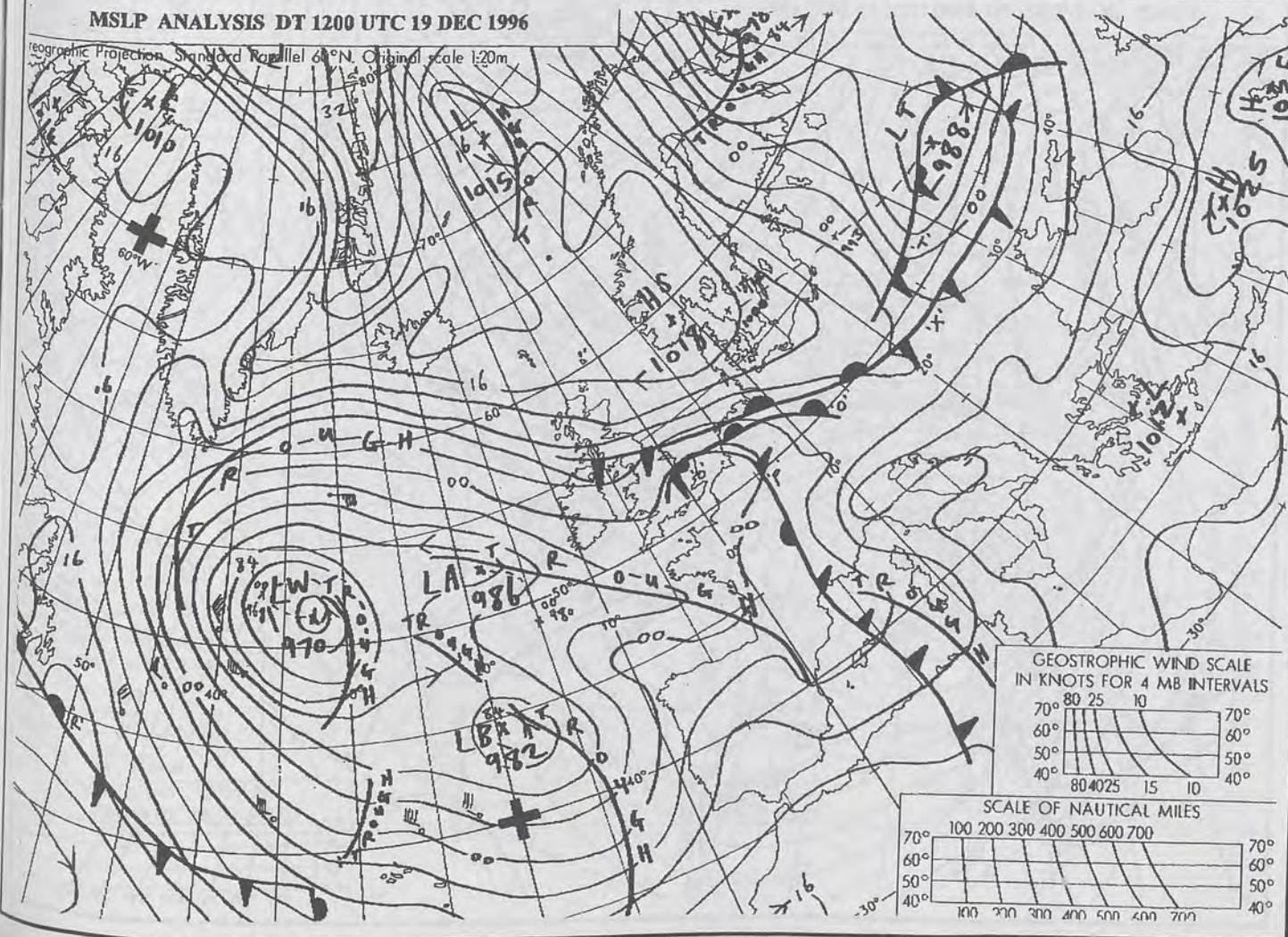
1800 19 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 19 DEC 1996



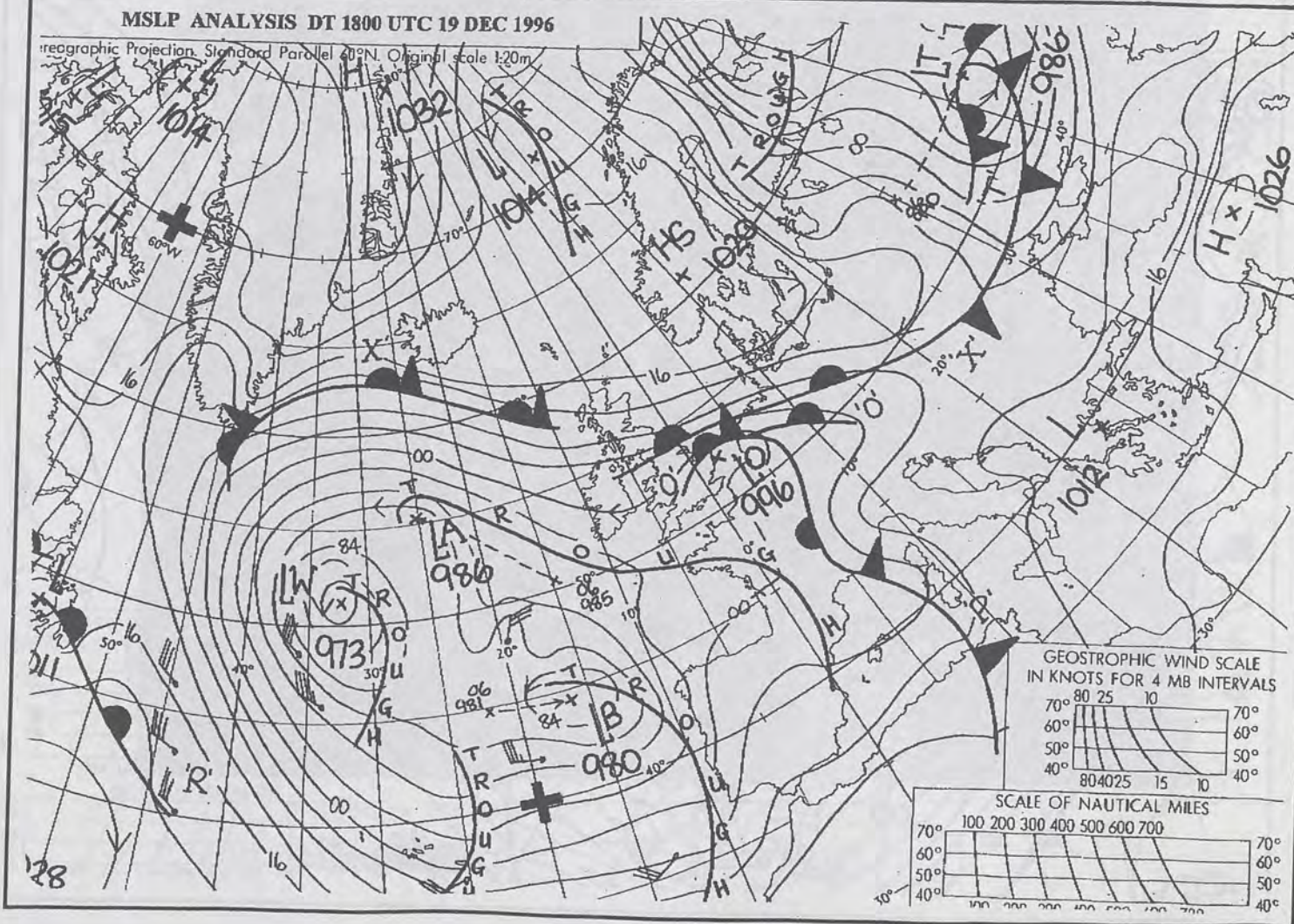
MSLP ANALYSIS DT 1200 UTC 19 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

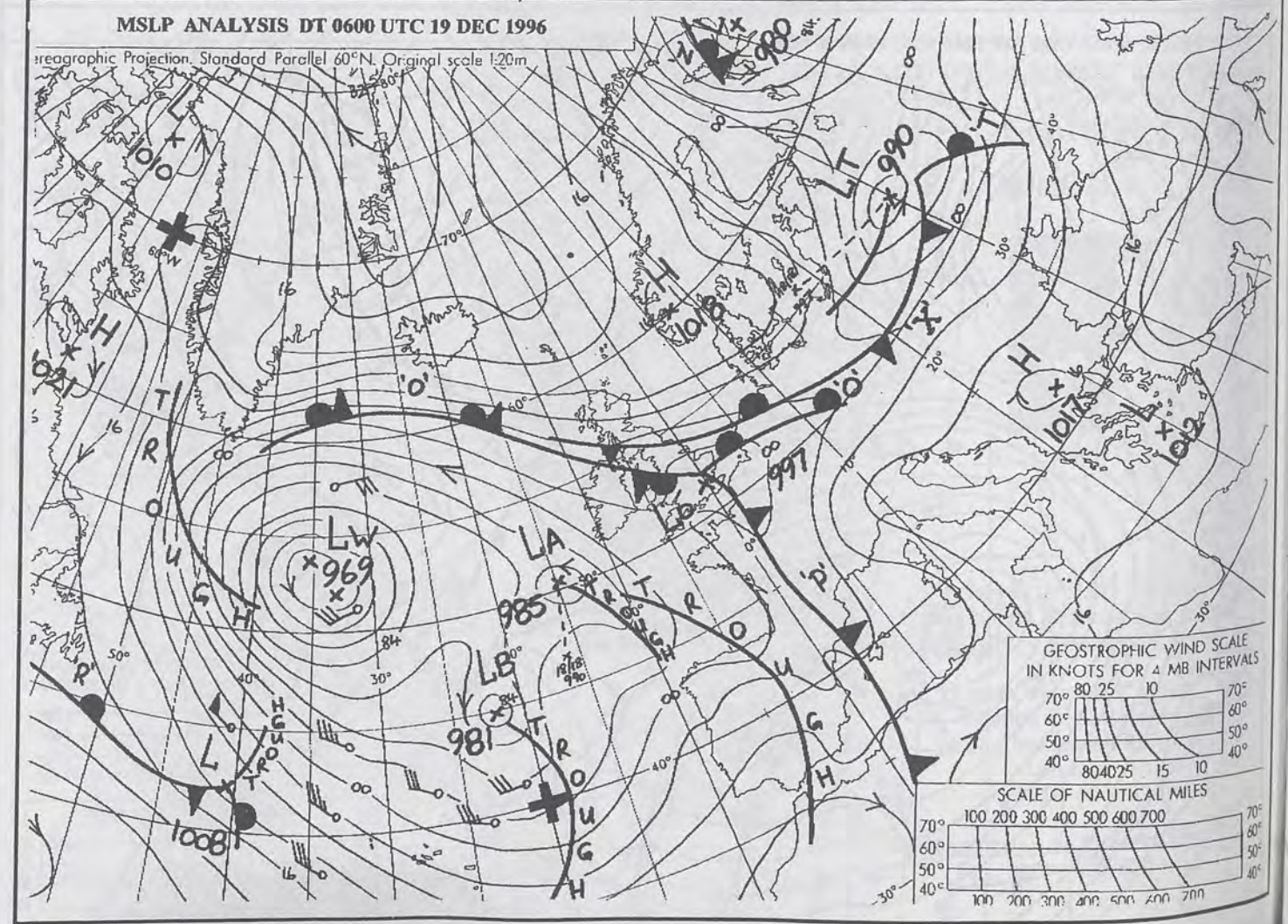
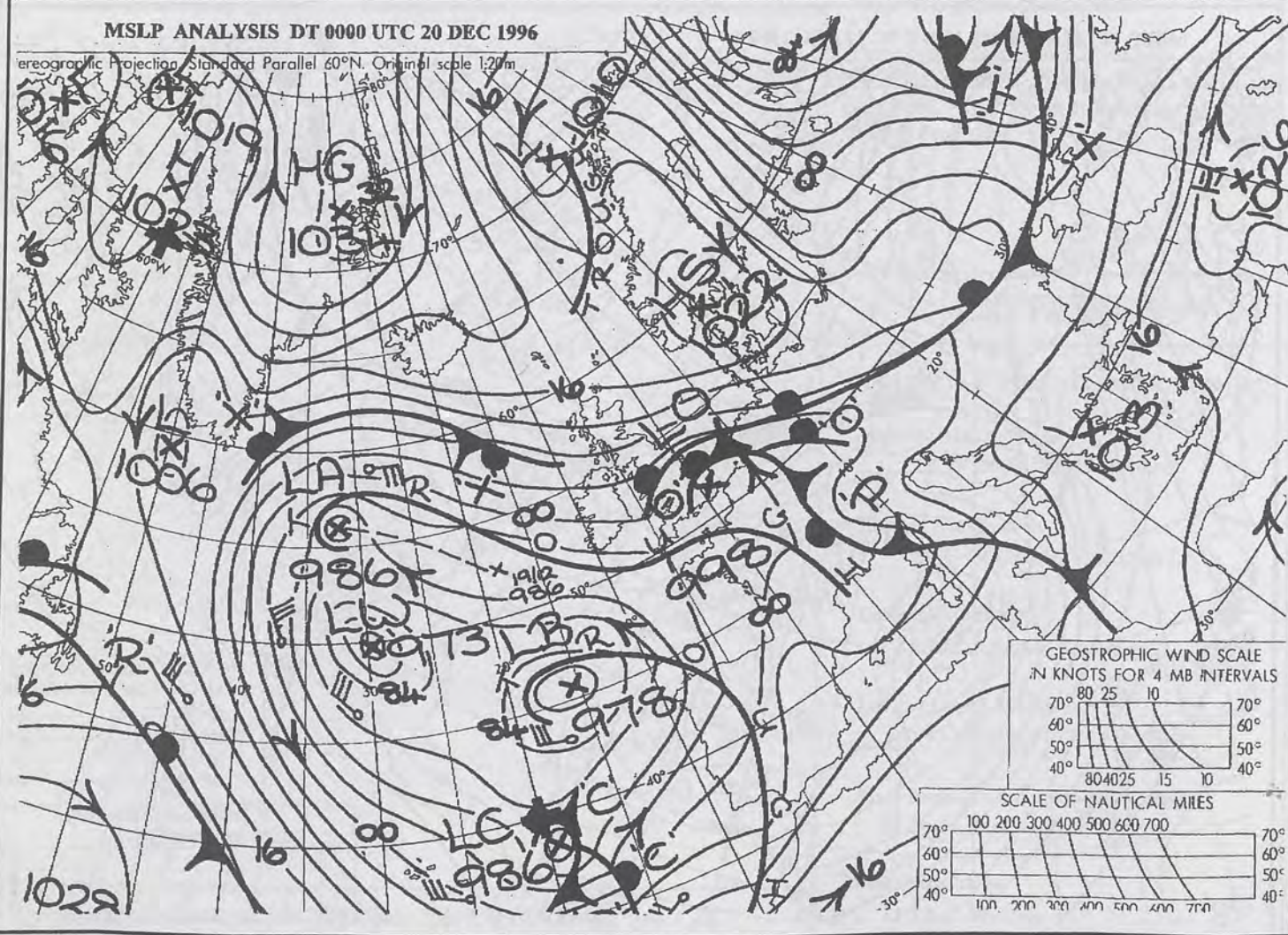
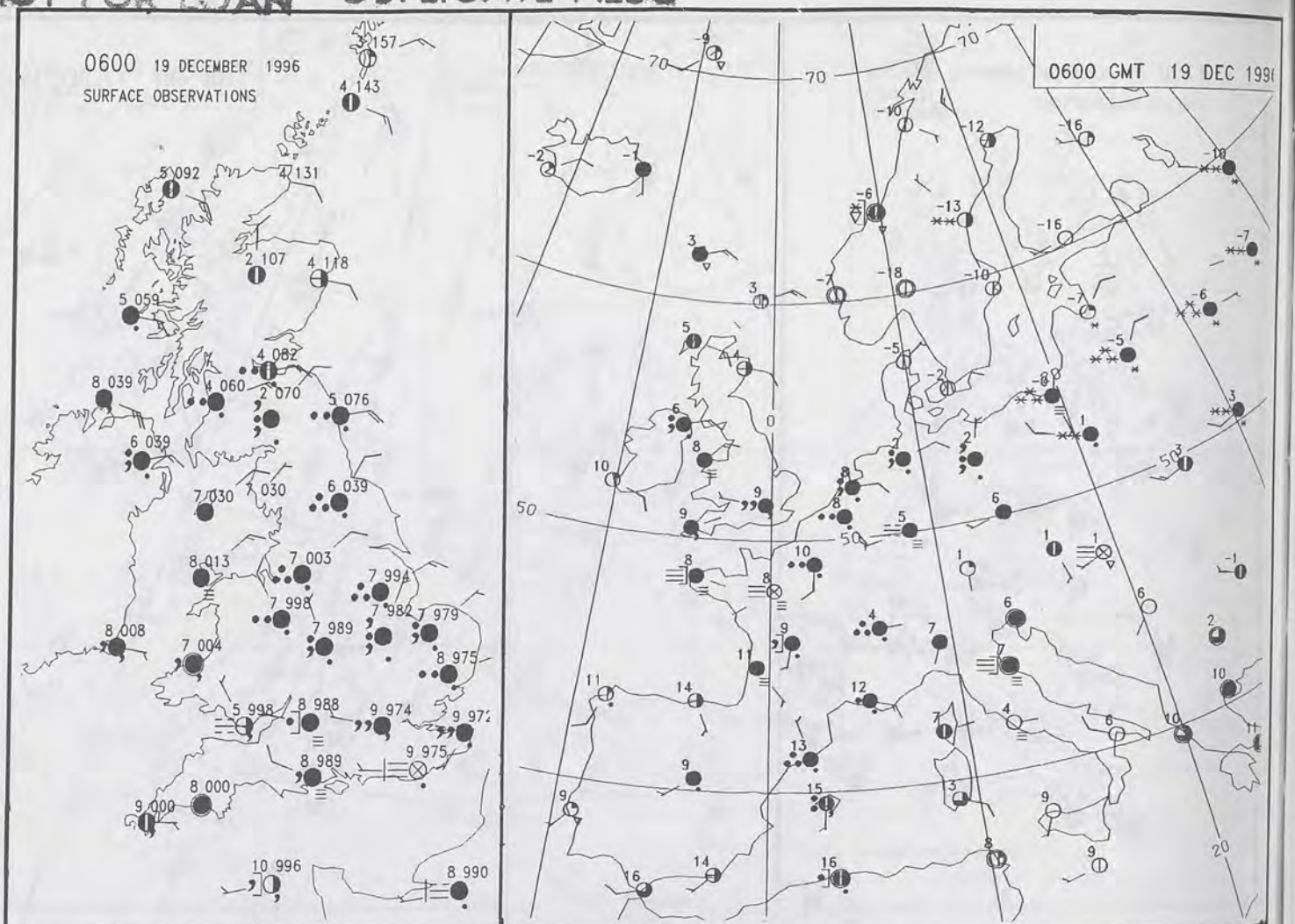
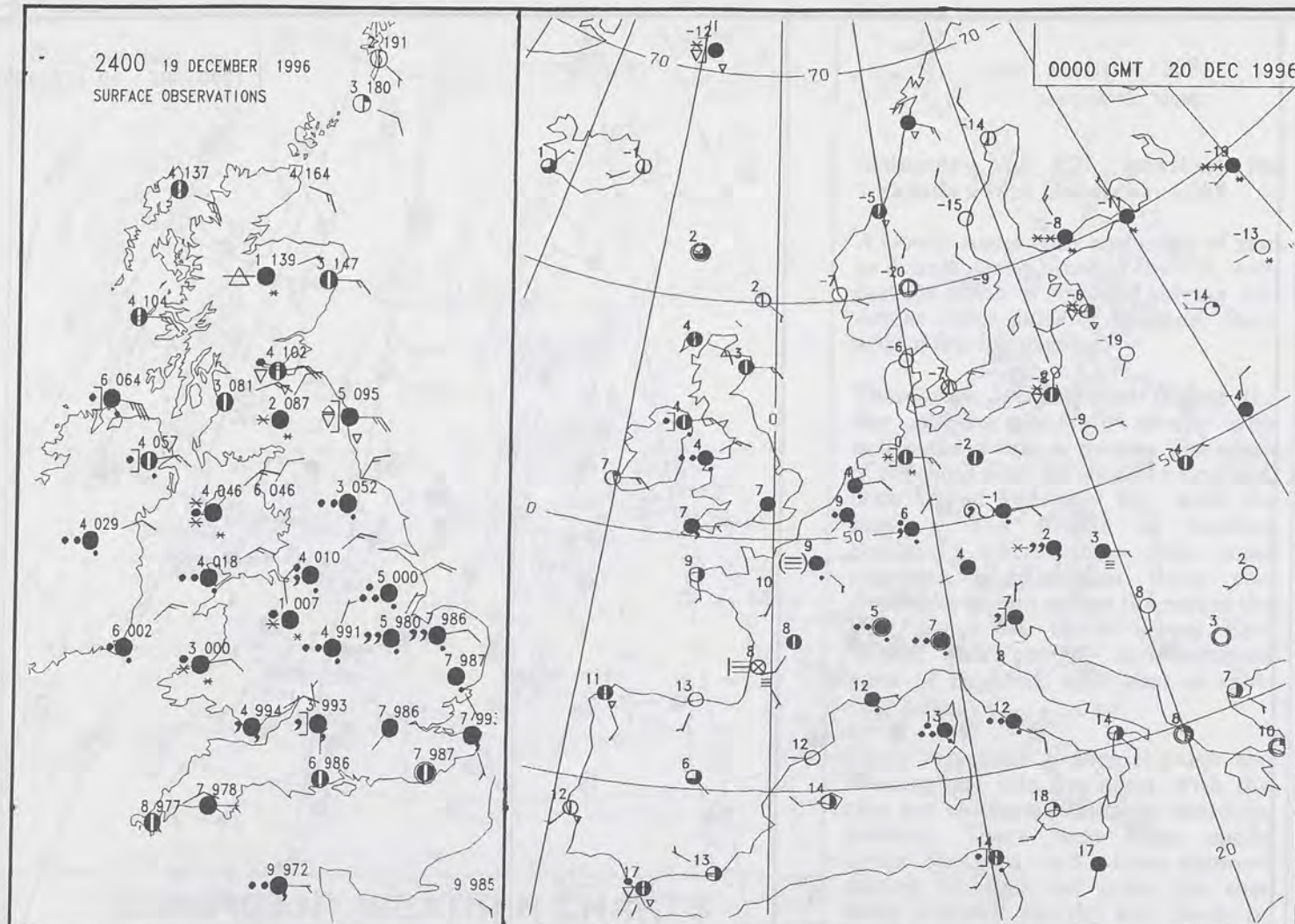


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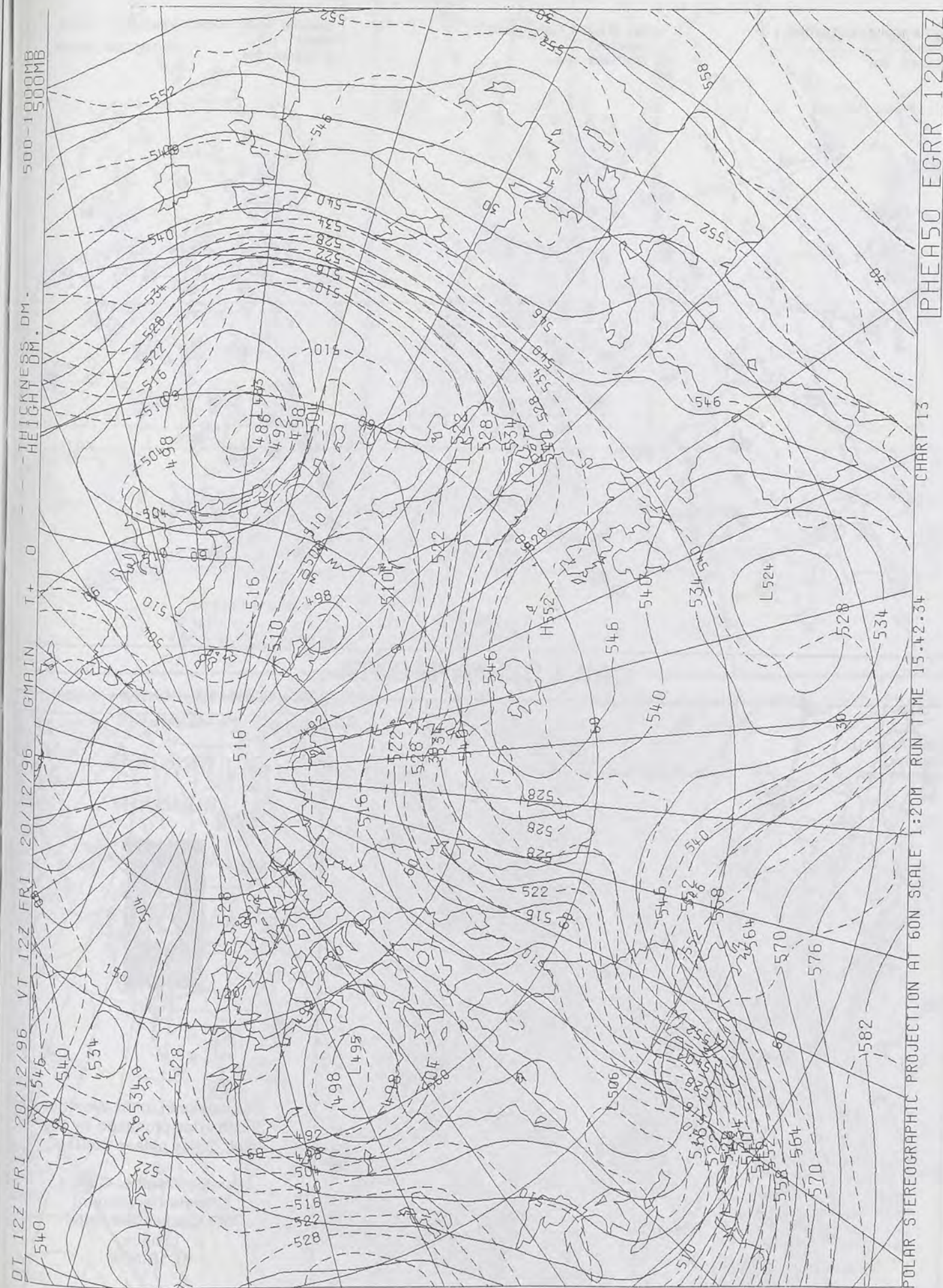
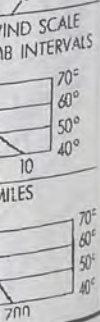








19 DEC 1996



The Met. Office

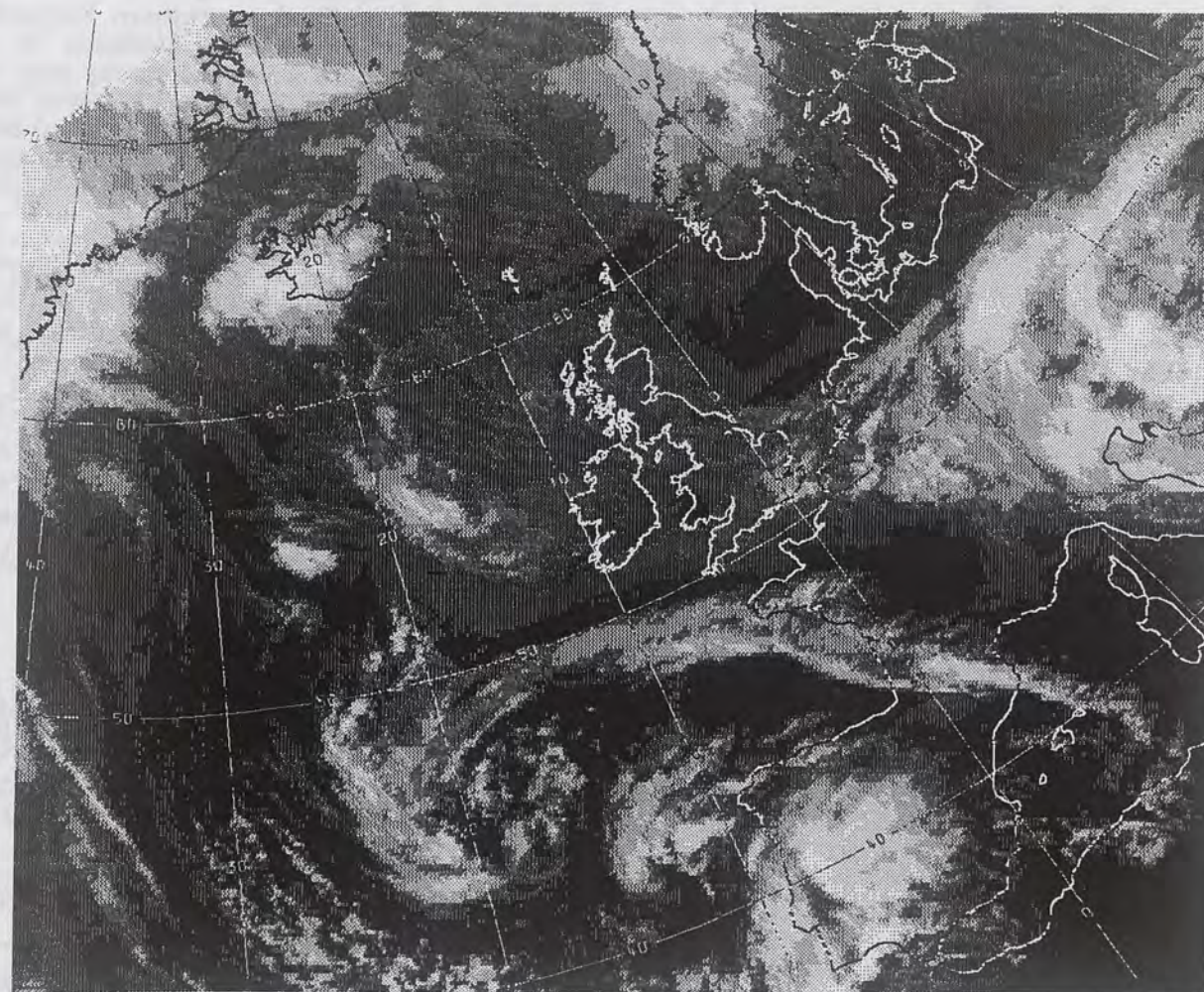
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Friday  
20th December  
1996

NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 20/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE

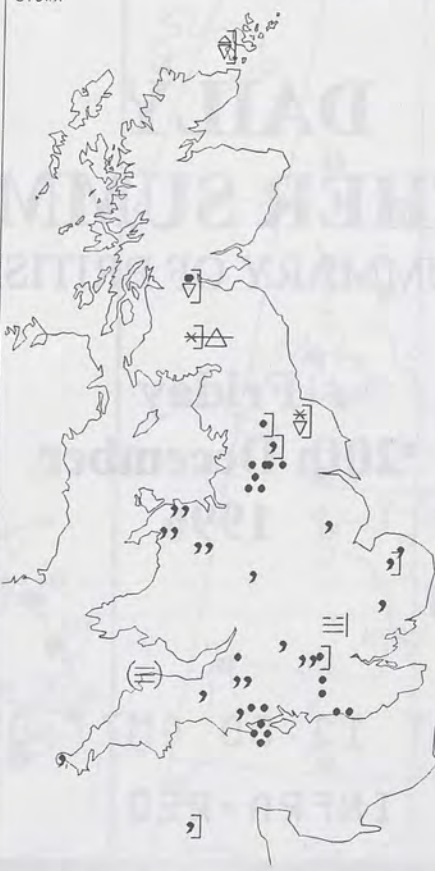
COLD WARM



0600 20 DECEMBER 1996  
SIGWX



1200 20 DECEMBER 1996  
SIGWX



## Summary of UK weather for Friday 20th December 1996

Much of the country had a cloudy night but the far north of Scotland had clear periods. There was a little rain in southeast Scotland and Northern Ireland. There was also some rain over northern England, Wales and the Midlands with sleet in Wales and the Isle of Man. The south stayed misty with patchy drizzle.

Through the day Northern Ireland stayed cloudy, but was generally dry apart from some drizzle in the evening. Eastern Scotland was mostly cloudy with a few light showers with hail and snow here and there. Western Scotland had some cloud breaks and the Shetland Isles were sunny.

The bulk of England and Wales stayed cloudy though parts of west Wales had some sunny spells. There was some more rain and drizzle chiefly in eastern counties, the Midlands and Wales in the morning. In the afternoon the rain and drizzle had become more patchy and was mostly confined to southern England, south Wales and the Midlands. By evening there was some patchy rain left over southern counties but even here most places were dry. The wind freshened during the day across southern and eastern areas becoming blustery by evening.

It was mostly a rather cold day but temperatures were near or rather above normal over southern England.

## EXTREMES

### FRIDAY 20th DECEMBER 1996

- Highest Maximum**  
: 12.3 C Isles of Scilly
- Lowest Maximum**  
: 1.1 C Emley Moor [ nr Huddersfield ]
- Lowest Minimum**  
: -3.4 C Baltasound [ Shetland ]
- Lowest Grass Minimum**  
: -5.8 C Baltasound
- Most Rain (24 hrs from 0900 GMT)**  
: 7.4mm Minehead [ Somerset ]  
Ventnor [ Isle of Wight ]
- Most Sunshine**  
: 4.2 hrs Lerwick [ Shetland ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
20 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
20 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
20 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
20 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
20 DECEMBER 1996



## DAILY WEATHER SUMMARY



For details of other Weather Summaries produced by the Met. Office please contact:

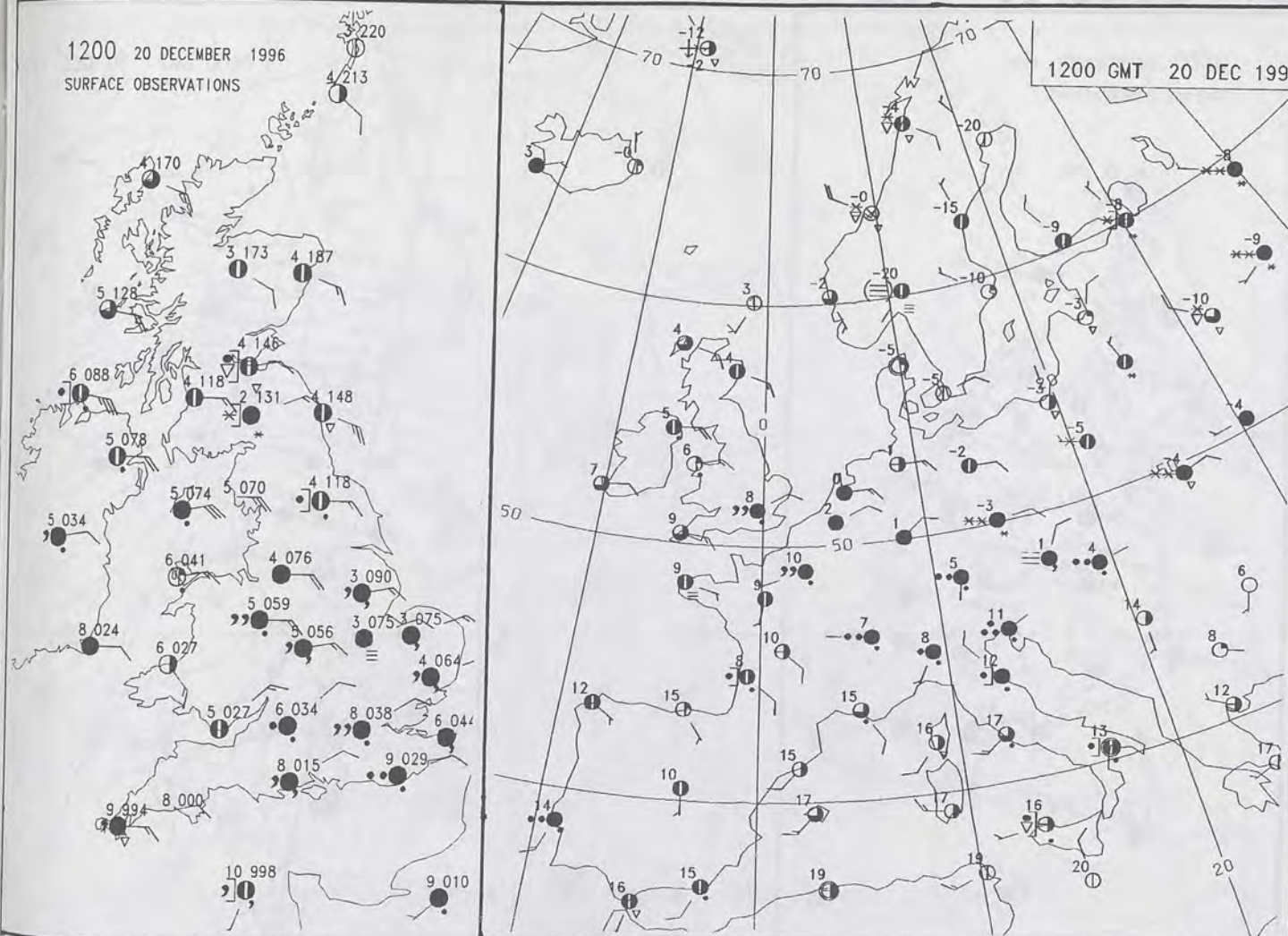
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



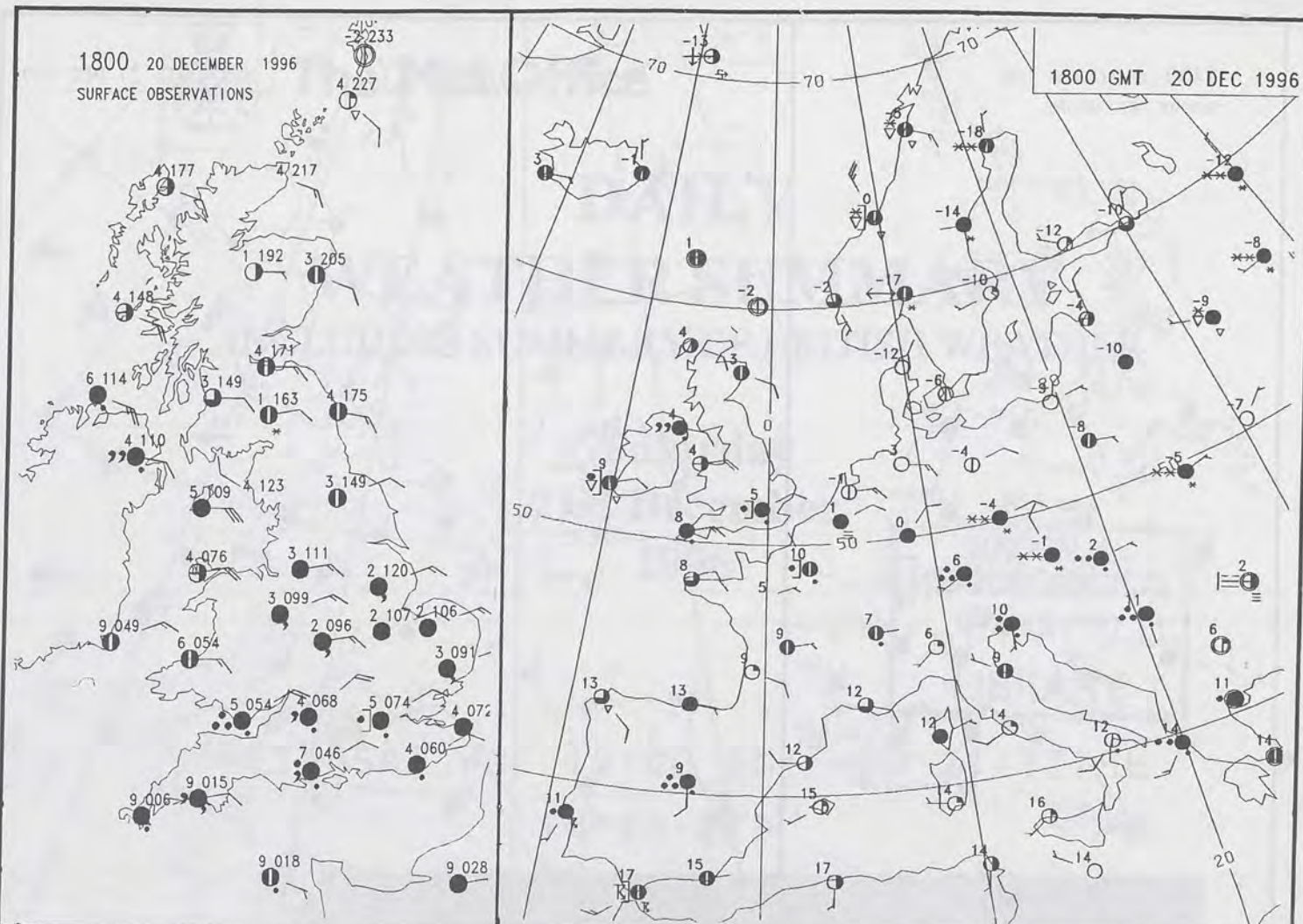
1200 20 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 20 DEC 1996



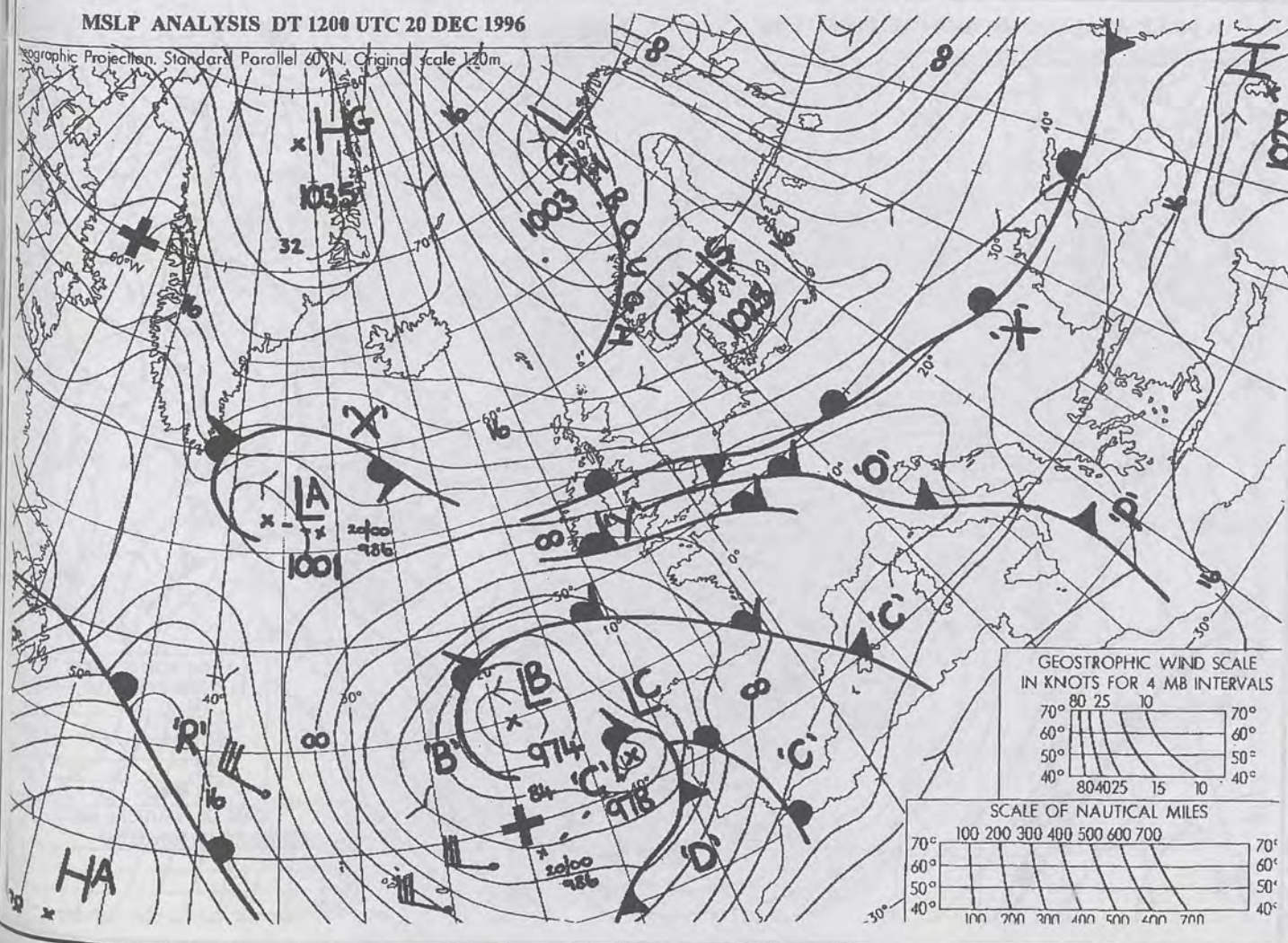
1800 20 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 20 DEC 1996

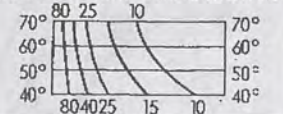


MSLP ANALYSIS DT 1200 UTC 20 DEC 1996

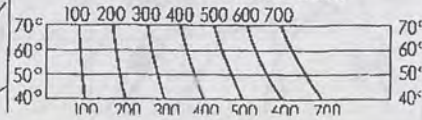
Geographic Projection, Standard Parallel 60°N, Original scale 1:200,000



GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS

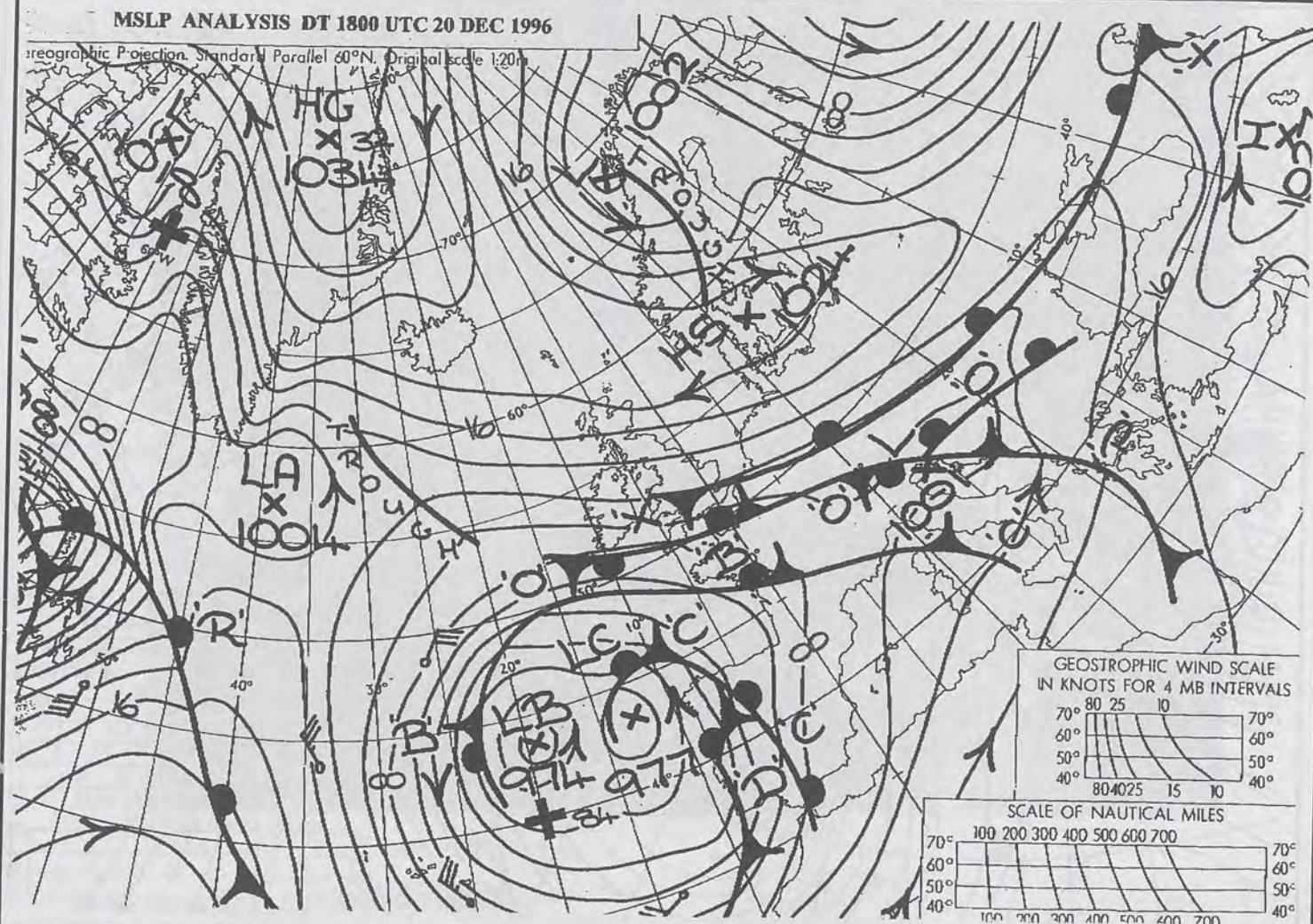


SCALE OF NAUTICAL MILES

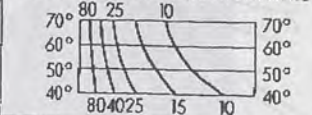


MSLP ANALYSIS DT 1800 UTC 20 DEC 1996

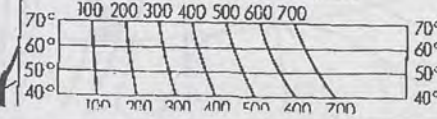
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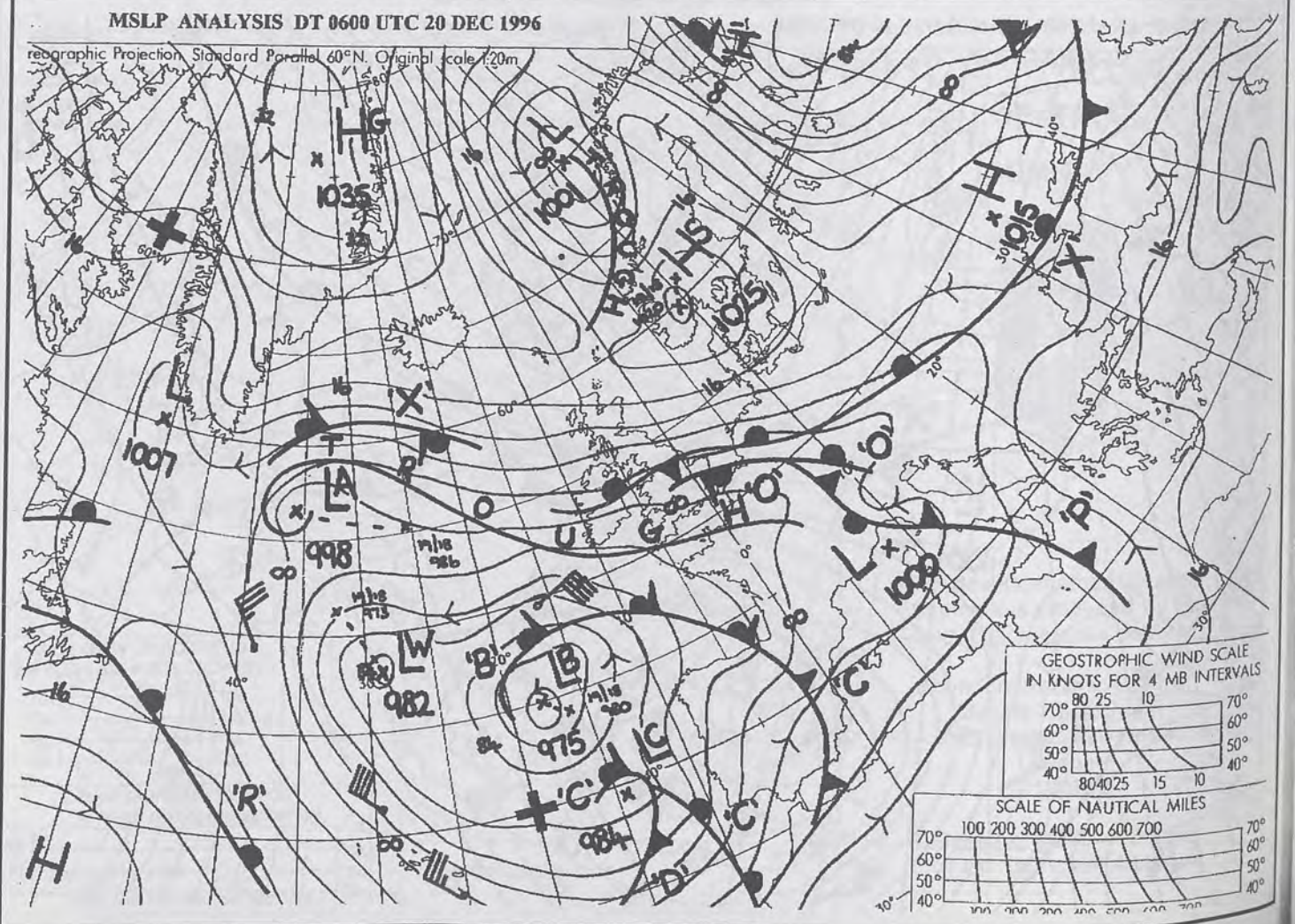
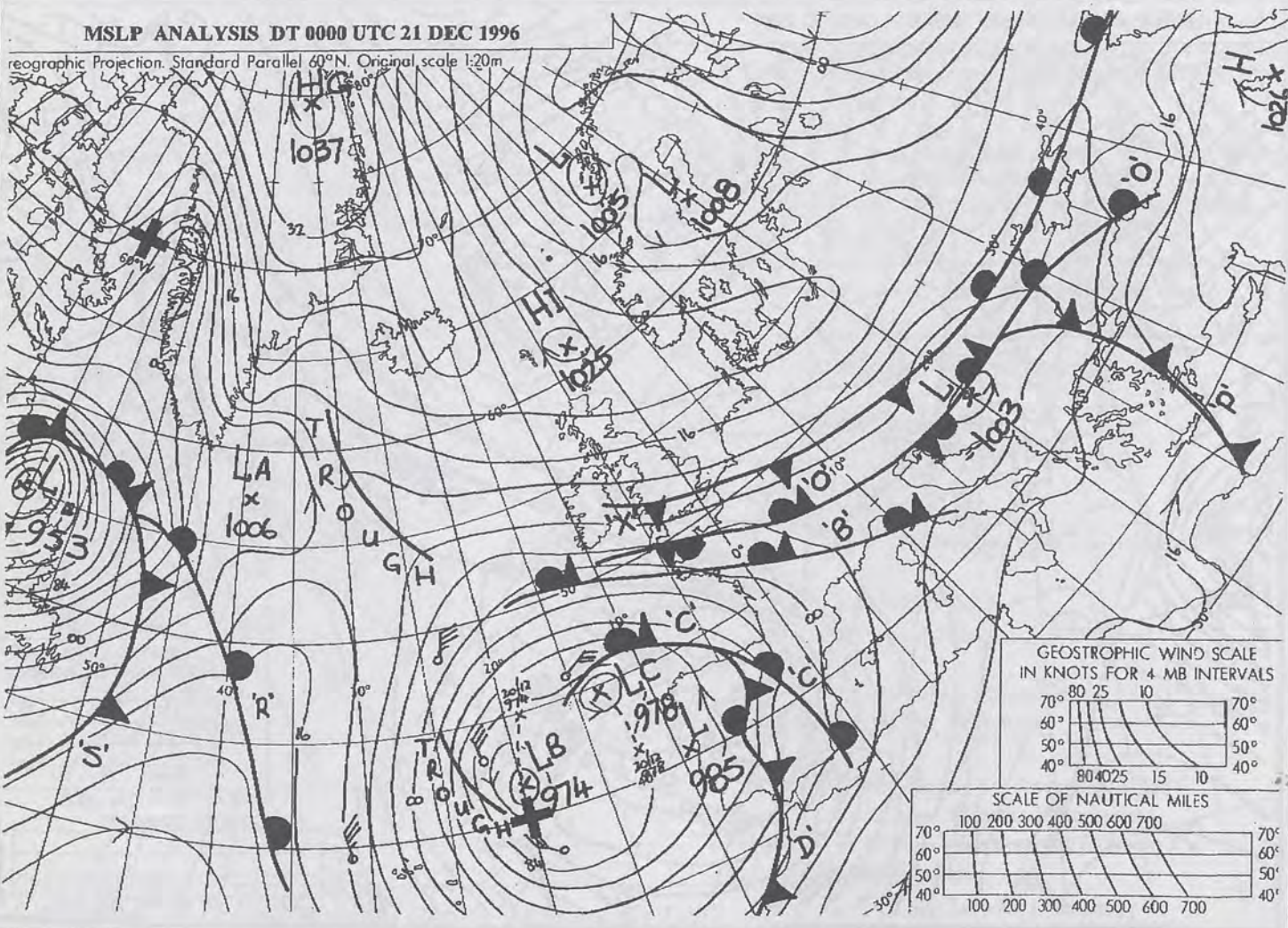
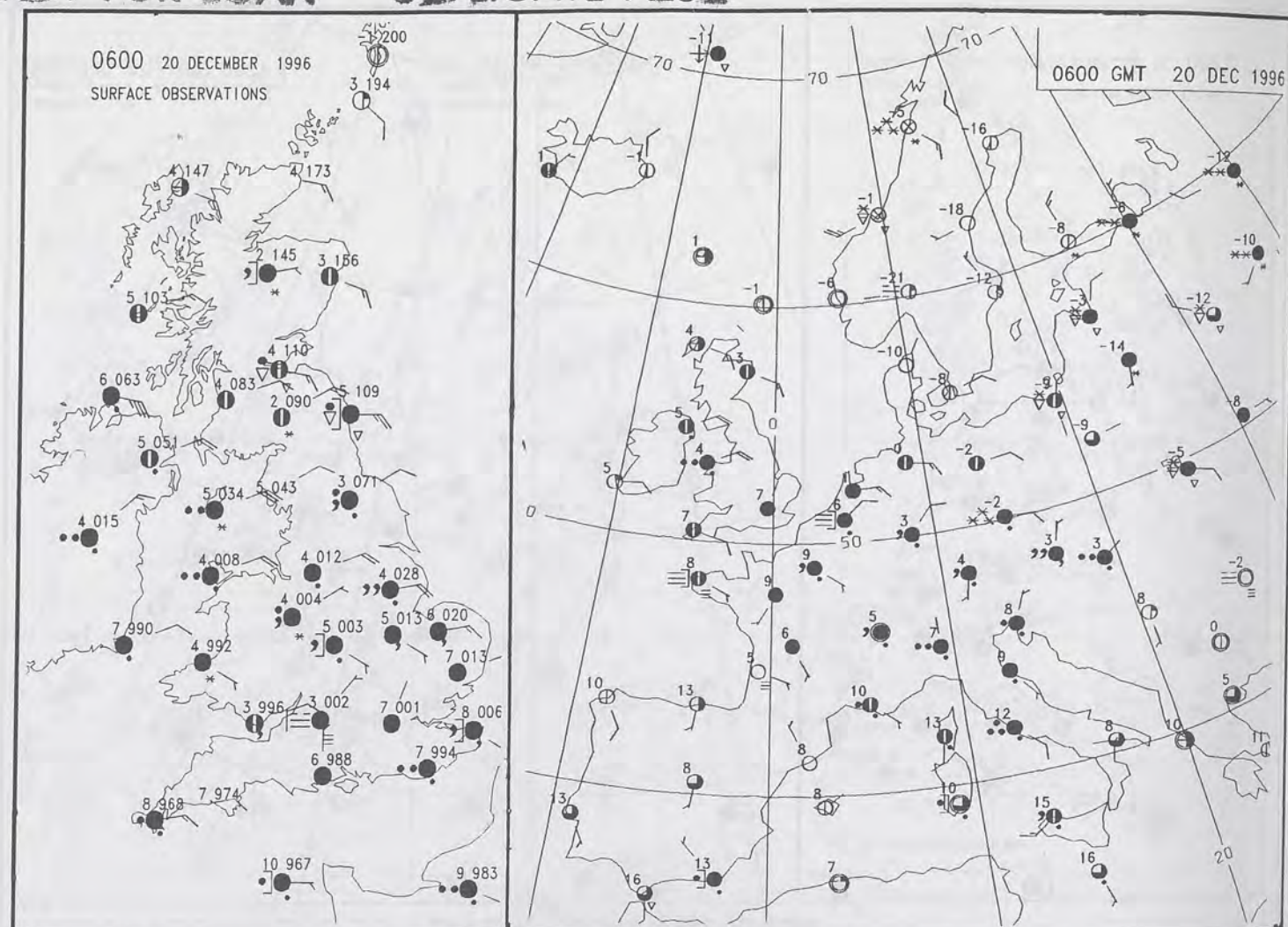
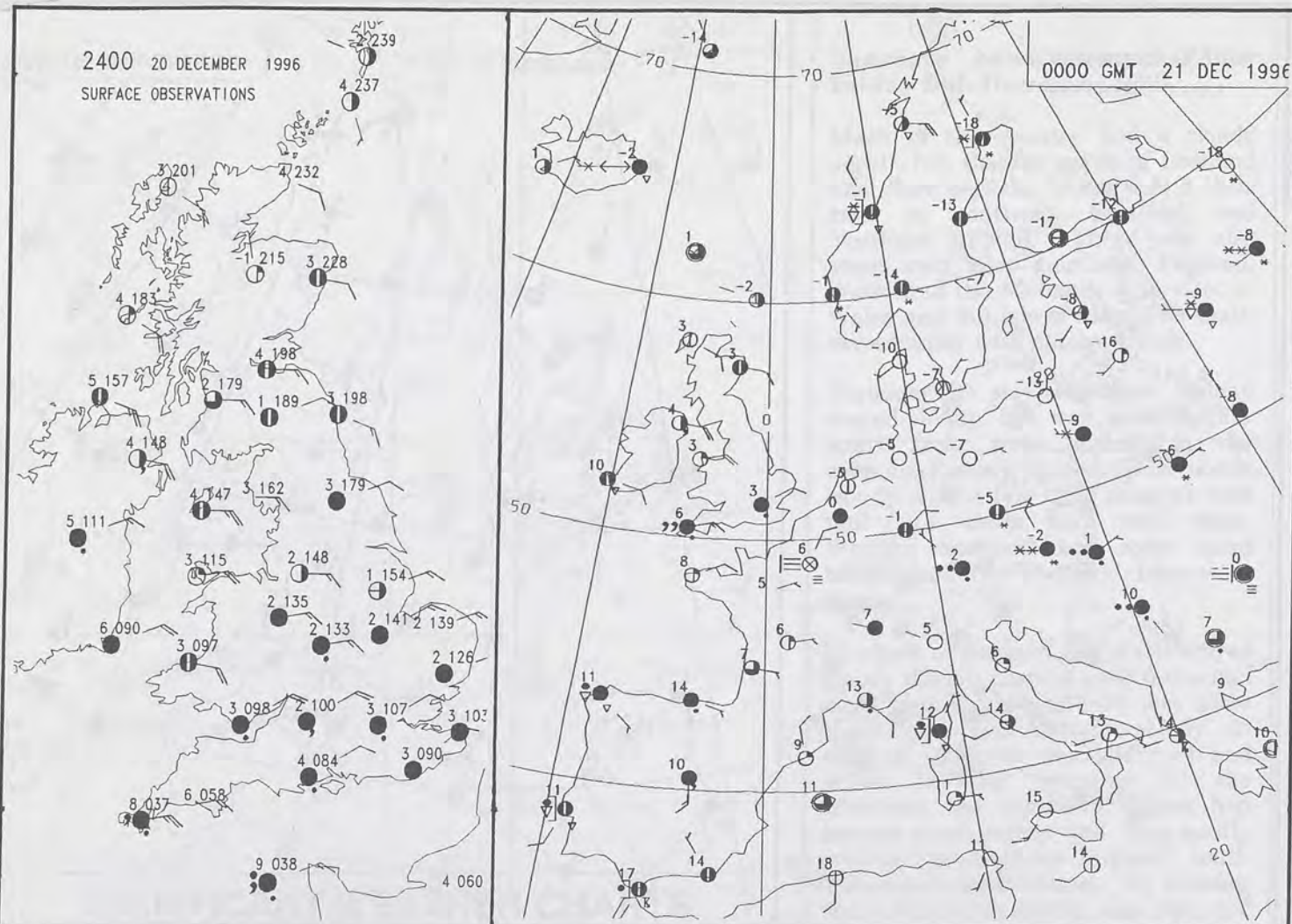
GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



SCALE OF NAUTICAL MILES







DI 12Z SAT 21/12/96 VI 12Z SAT 21/12/96 GMAIN I+ 0 HEIGHTS DM. 500-1900MB 534



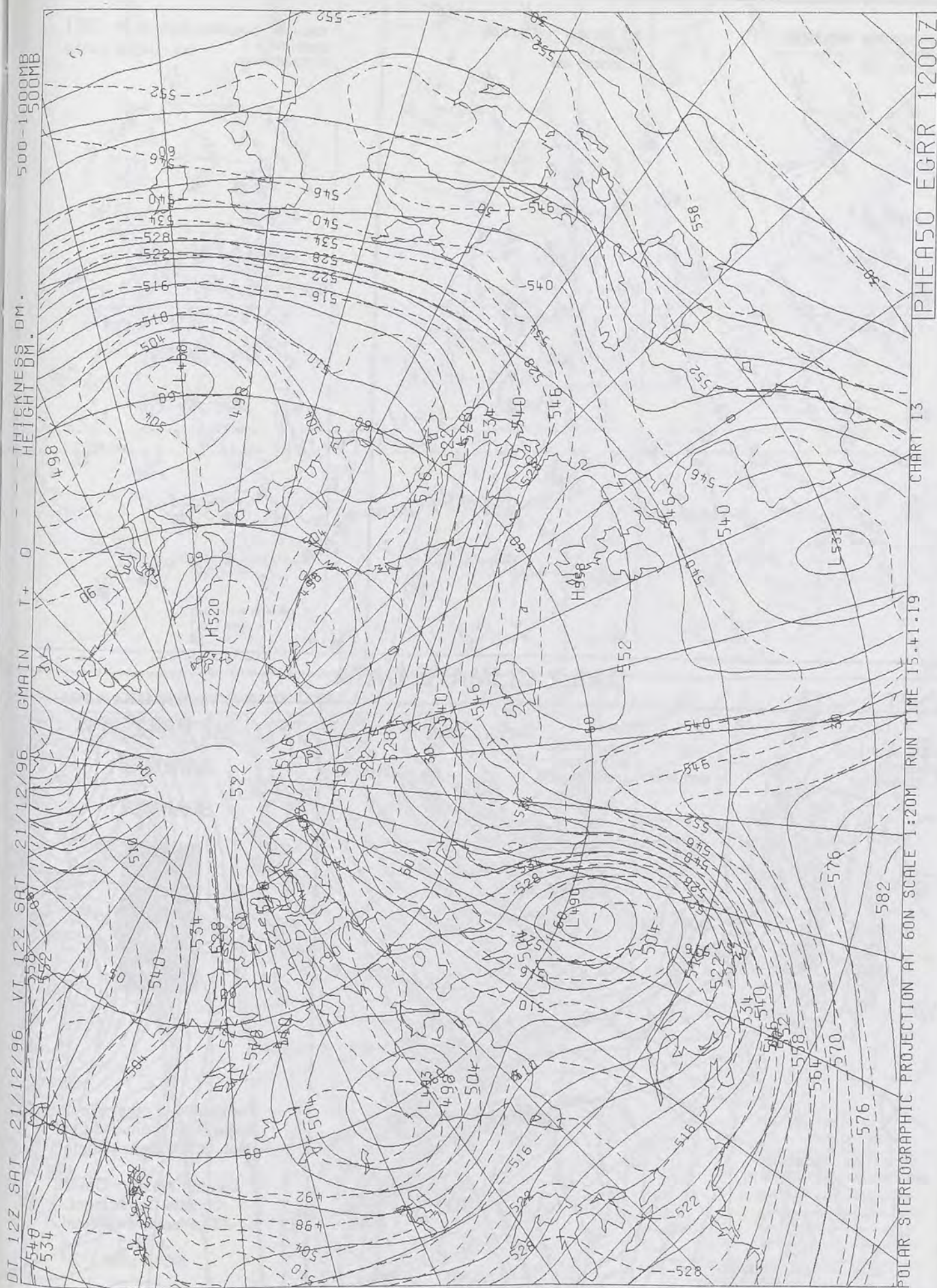
0 DEC 1996

WIND SCALE  
INTERVALS

70°  
60°  
50°  
40°

ES

70°  
60°  
50°  
40°



The Met. Office

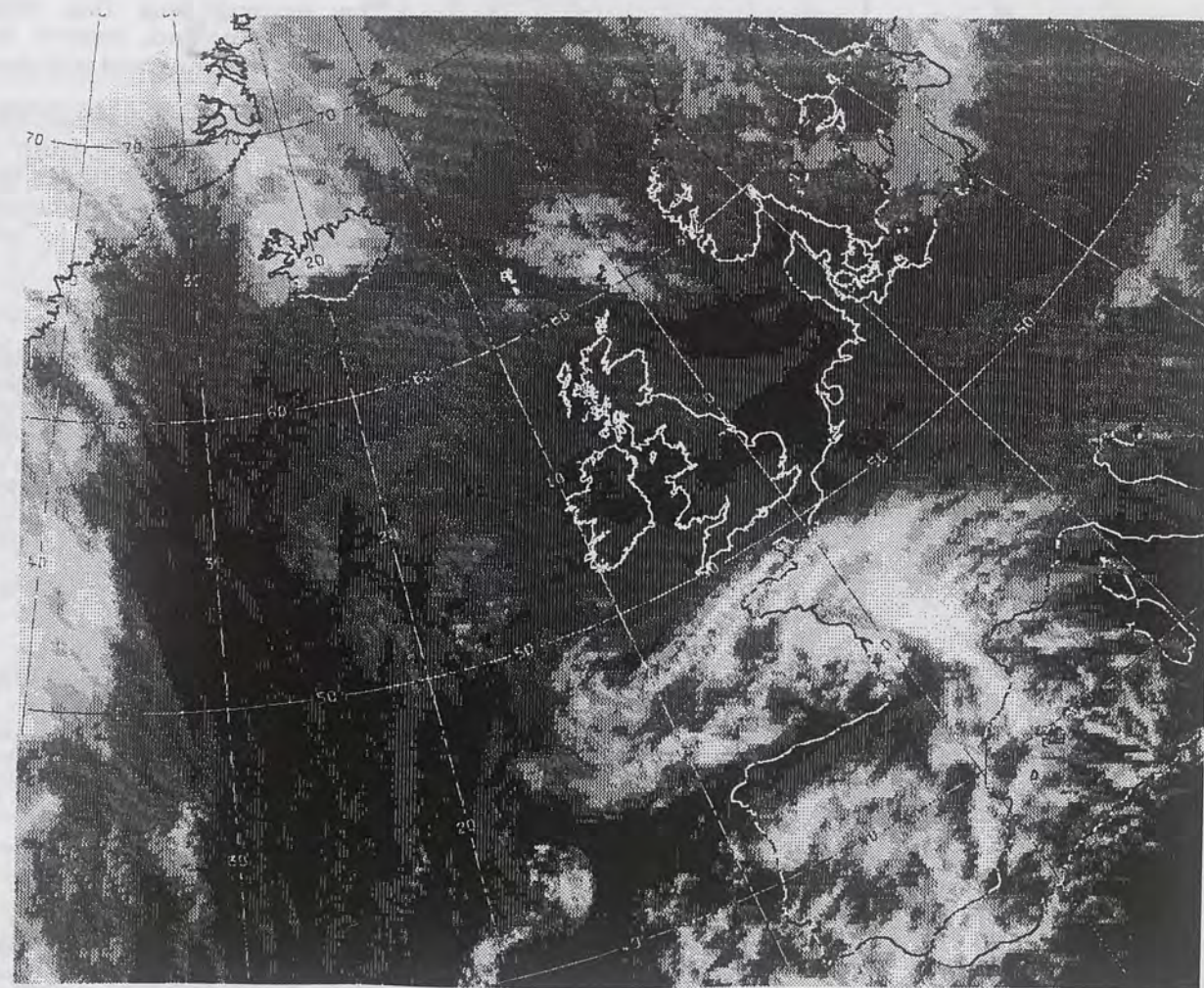
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Saturday  
21st December  
1996

NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 21/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE

COLD WARM



**SORRY THIS CHART**

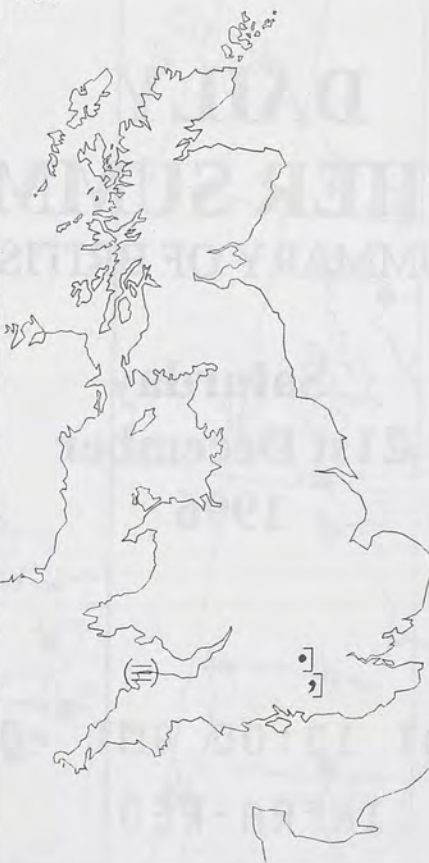
**NOT AVAILABLE**

**DUE TO TECHNICAL**

**PROBLEMS BEYOND**

**OUR CONTROL**

1200 21 DECEMBER 1996  
SIGWX



### Summary of UK weather for Saturday 21st December 1996

Overnight much of England, Wales and eastern Scotland had a lot of cloud. Most places were dry but there was a little patchy rain and drizzle in the far south of England. There were some clear spells in Northern Ireland, western Scotland, north Wales and parts of northeast England by morning.

Through the day southern counties of England and south Wales stayed cloudy with fresh to strong winds. In Cornwall and the Channel Islands there was a little light rain or drizzle at times especially in the morning. Northwest England and north Wales had sunny periods. Northeast England remained rather cloudy, and, apart from a few light coastal showers, it was dry. Northern Ireland and western Scotland also had sunny periods but eastern Scotland stayed more cloudy with a few light showers.

The evening was fine with just southern England, eastern Scotland and northeast England still cloudy.

It was generally rather cold across the country with the fresh winds accentuating the coldness in the south and east. Southwest England and west Wales were very cold.

### EXTREMES

**SATURDAY 21st DECEMBER 1996**

**Highest Maximum**

: 7.8 C Guernsey / L'Ancrese

**Lowest Maximum**

: 0.4 C Loch Glascarnoch [ Highland ]

**Lowest Minimum**

: -7.0 C Aviemore [ Highland ]

**Lowest Grass Minimum**

: -10.5 C Loch Glascarnoch

**Most Rain (24 hrs from 0900 GMT)**

: 3.0mm Fair Isle

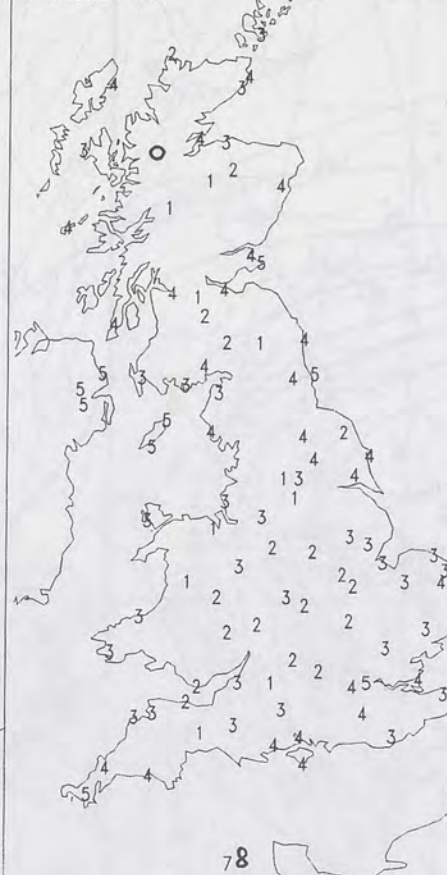
**Most Sunshine**

: 6.9 hrs Aberporth [ Dyfed ]  
Wittering [ Cambs ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
21 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
21 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
21 DECEMBER 1996



### DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
21 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
21 DECEMBER 1996



### DAILY WEATHER SUMMARY



For details of other Weather Summaries produced by the Met. Office please contact:

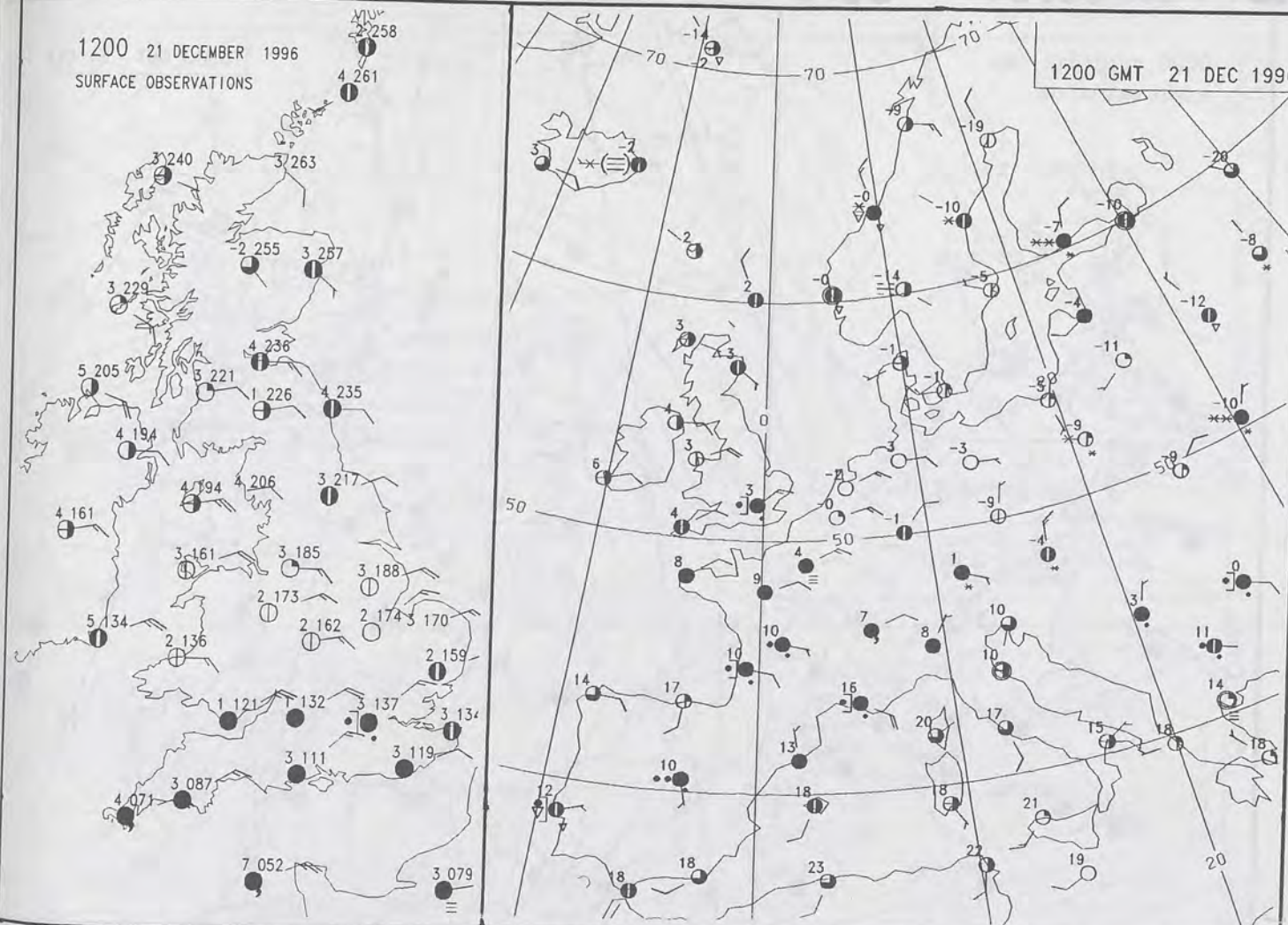
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



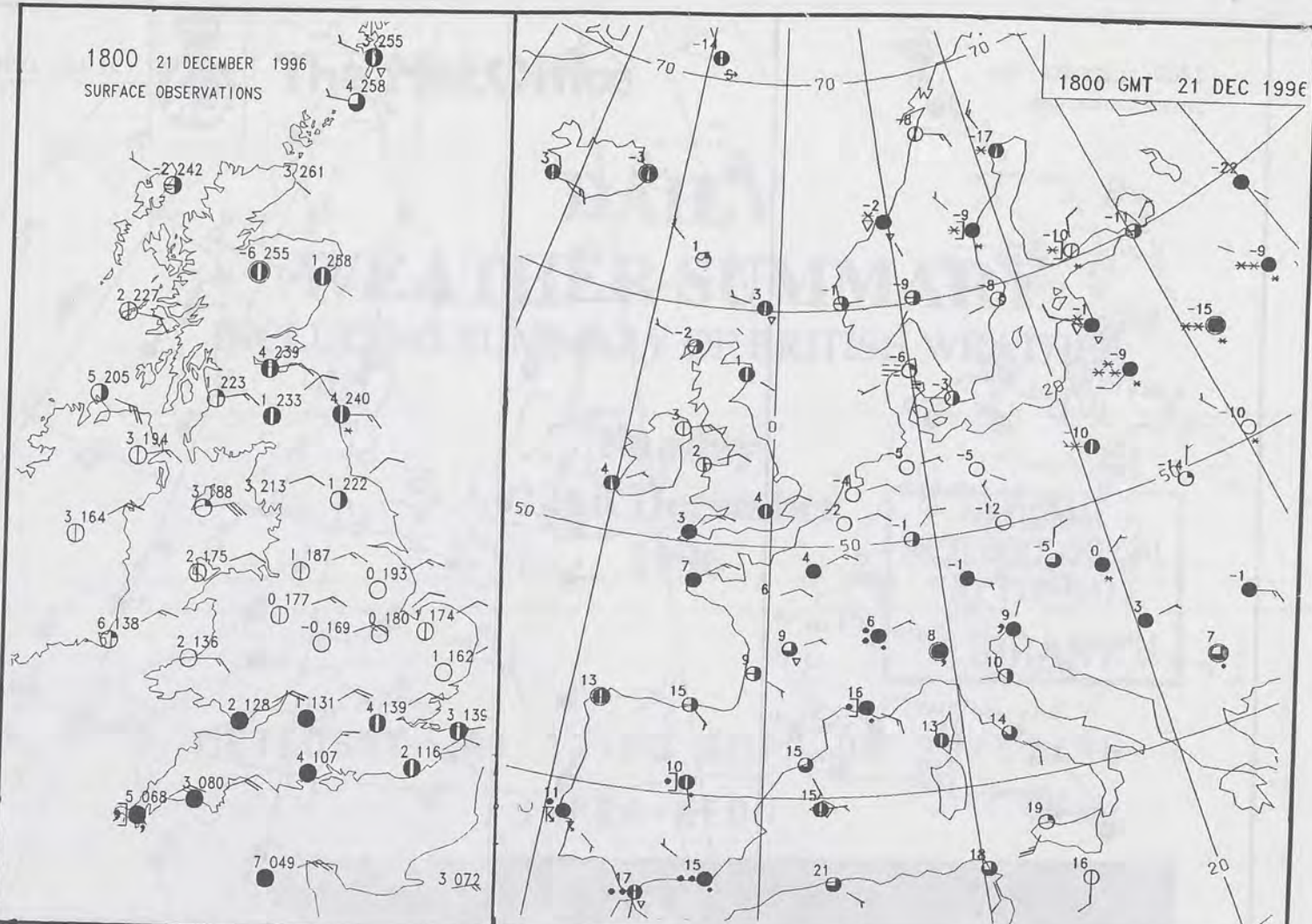
1200 21 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 21 DEC 1996



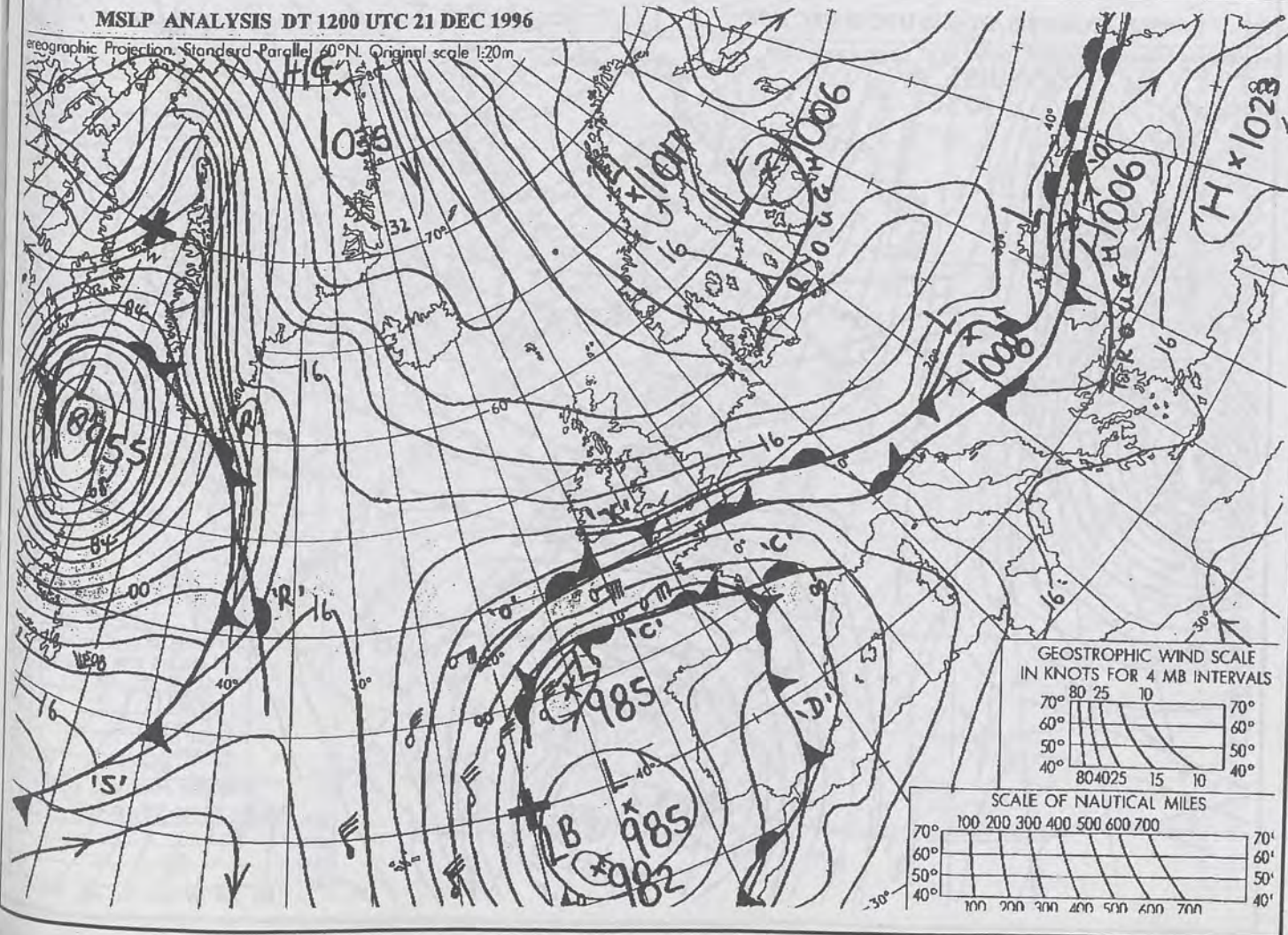
1800 21 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 21 DEC 1996



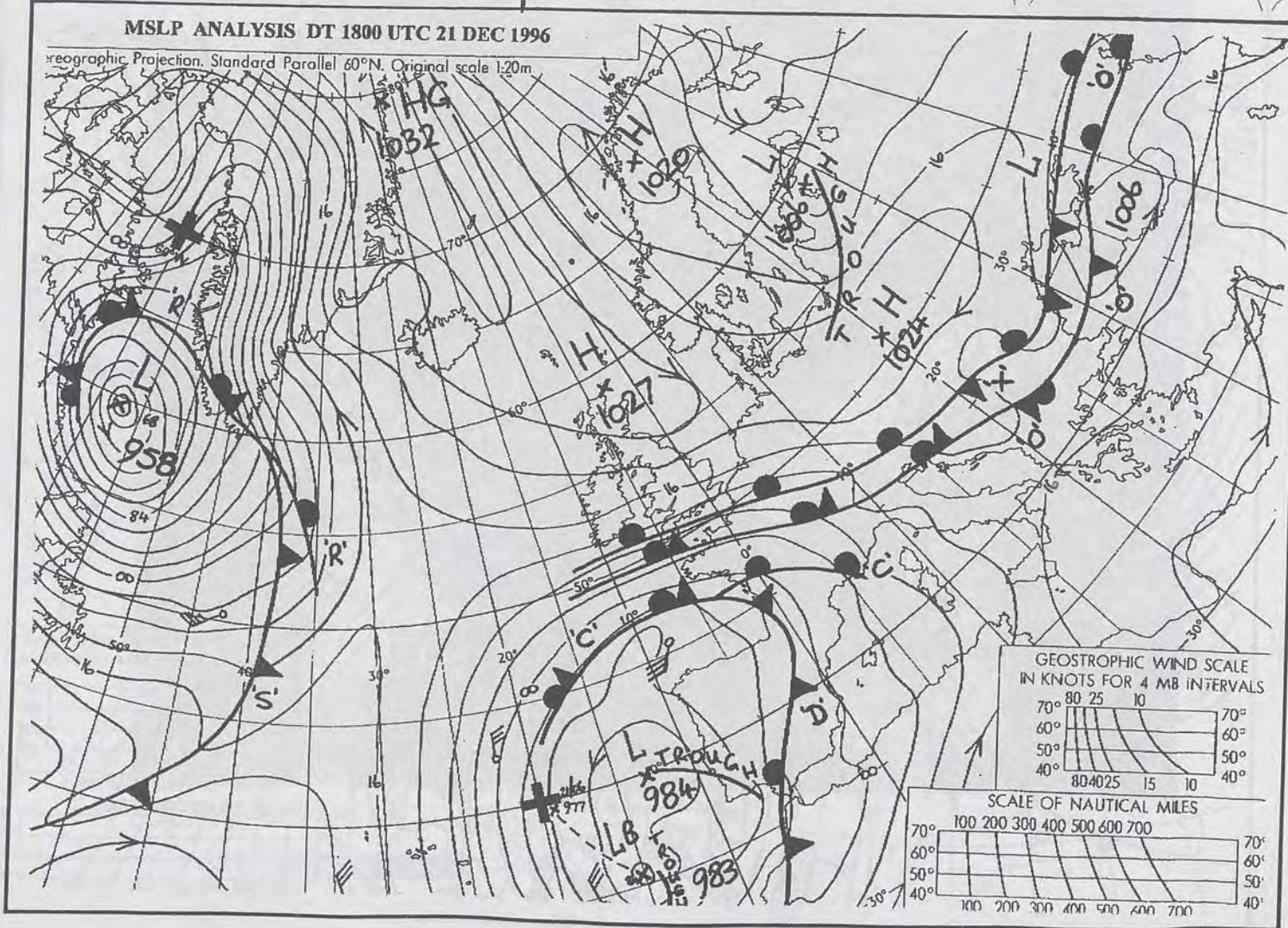
MSLP ANALYSIS DT 1200 UTC 21 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



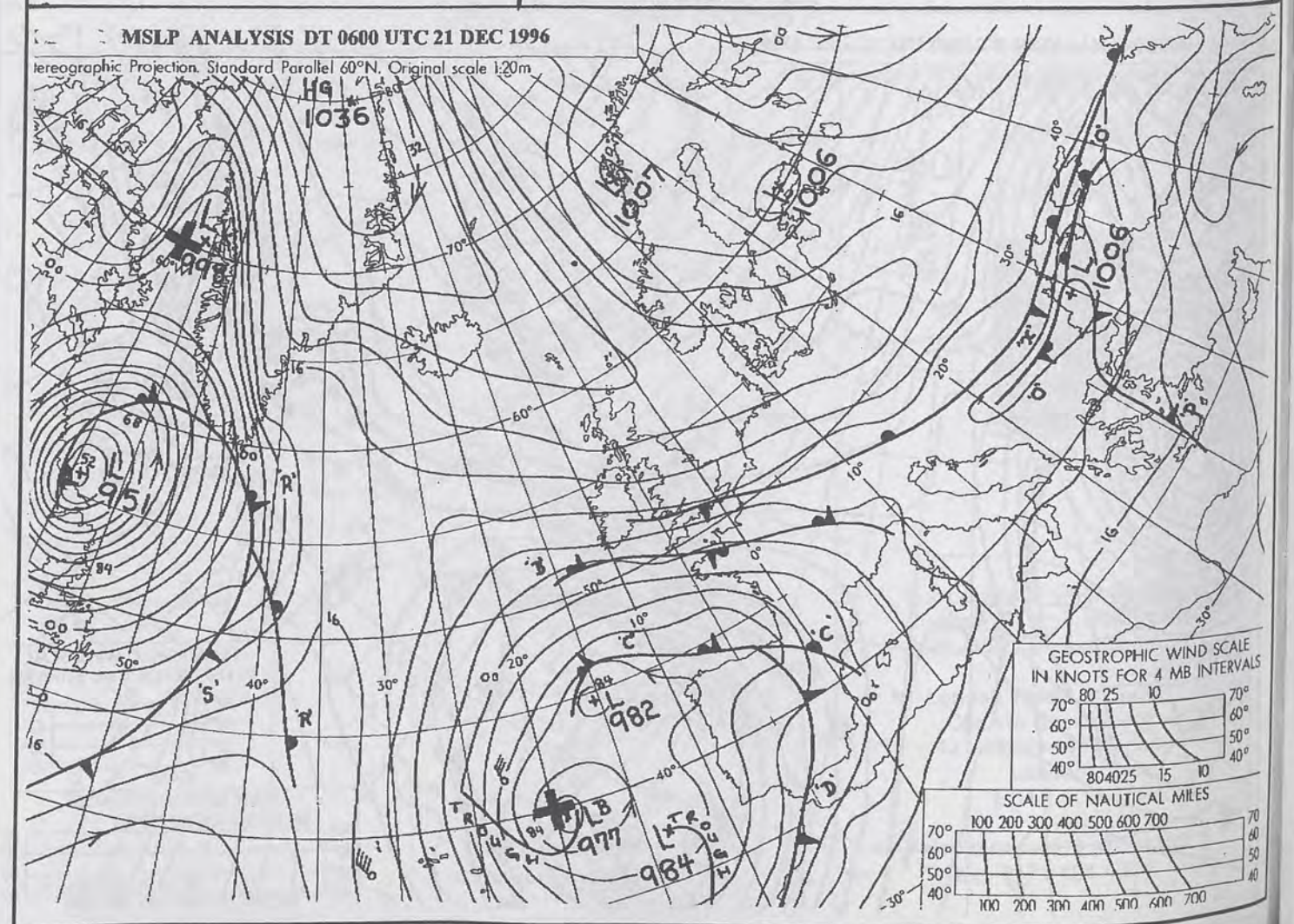
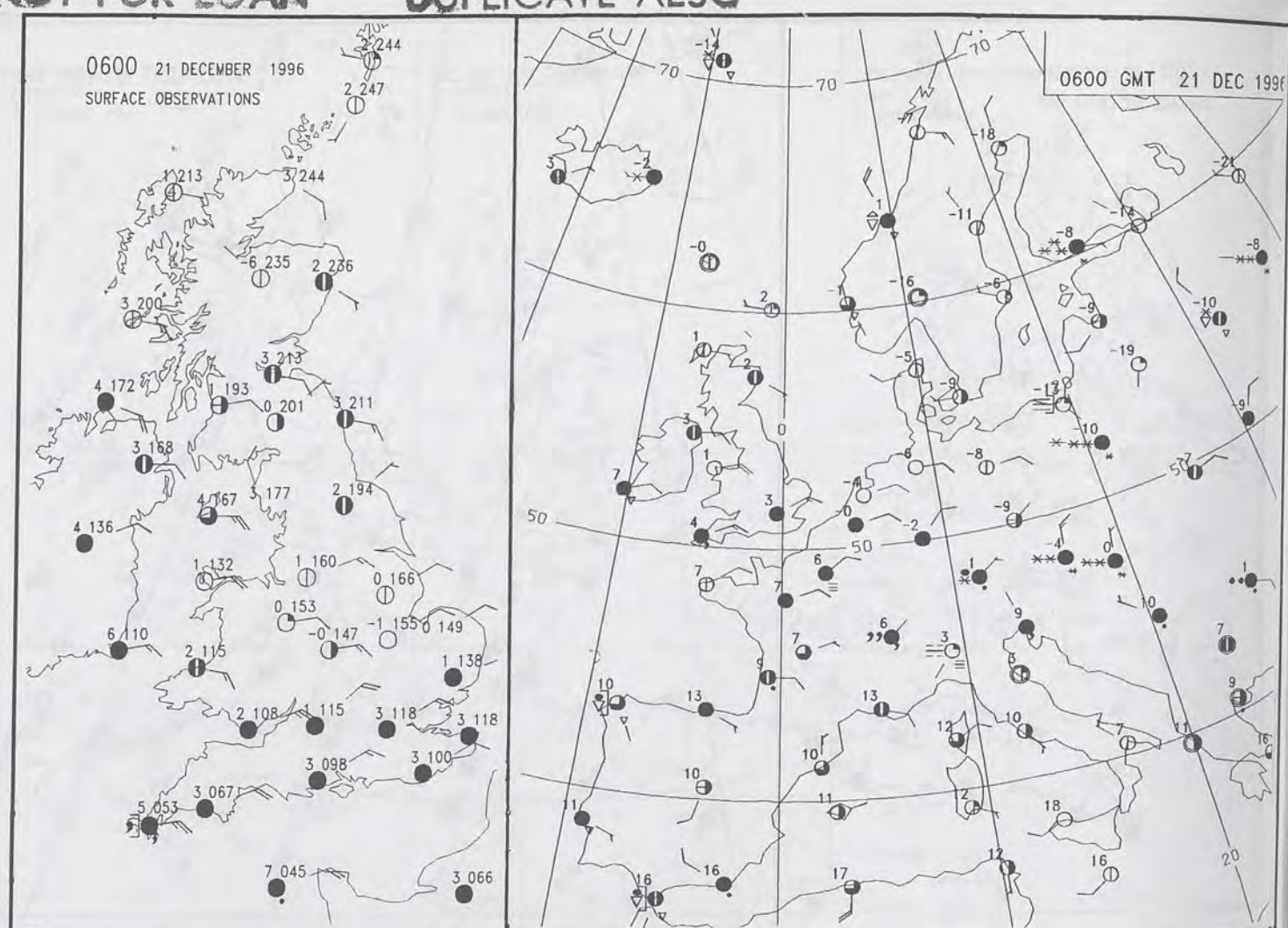
MSLP ANALYSIS DT 1800 UTC 21 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



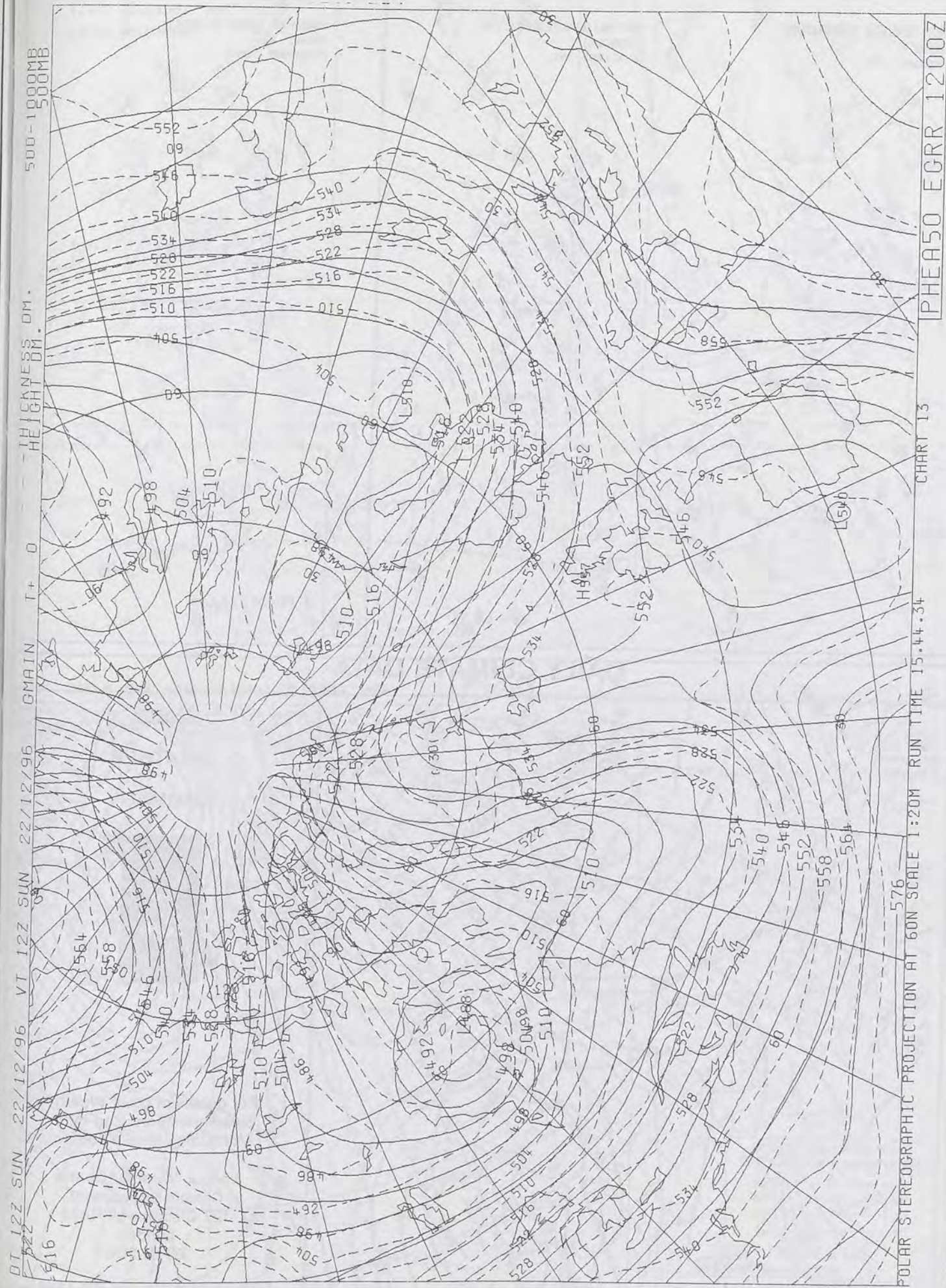
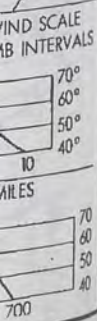


DUPLICATE ALSO

[illegible]



21 DEC 1996



The Met. Office

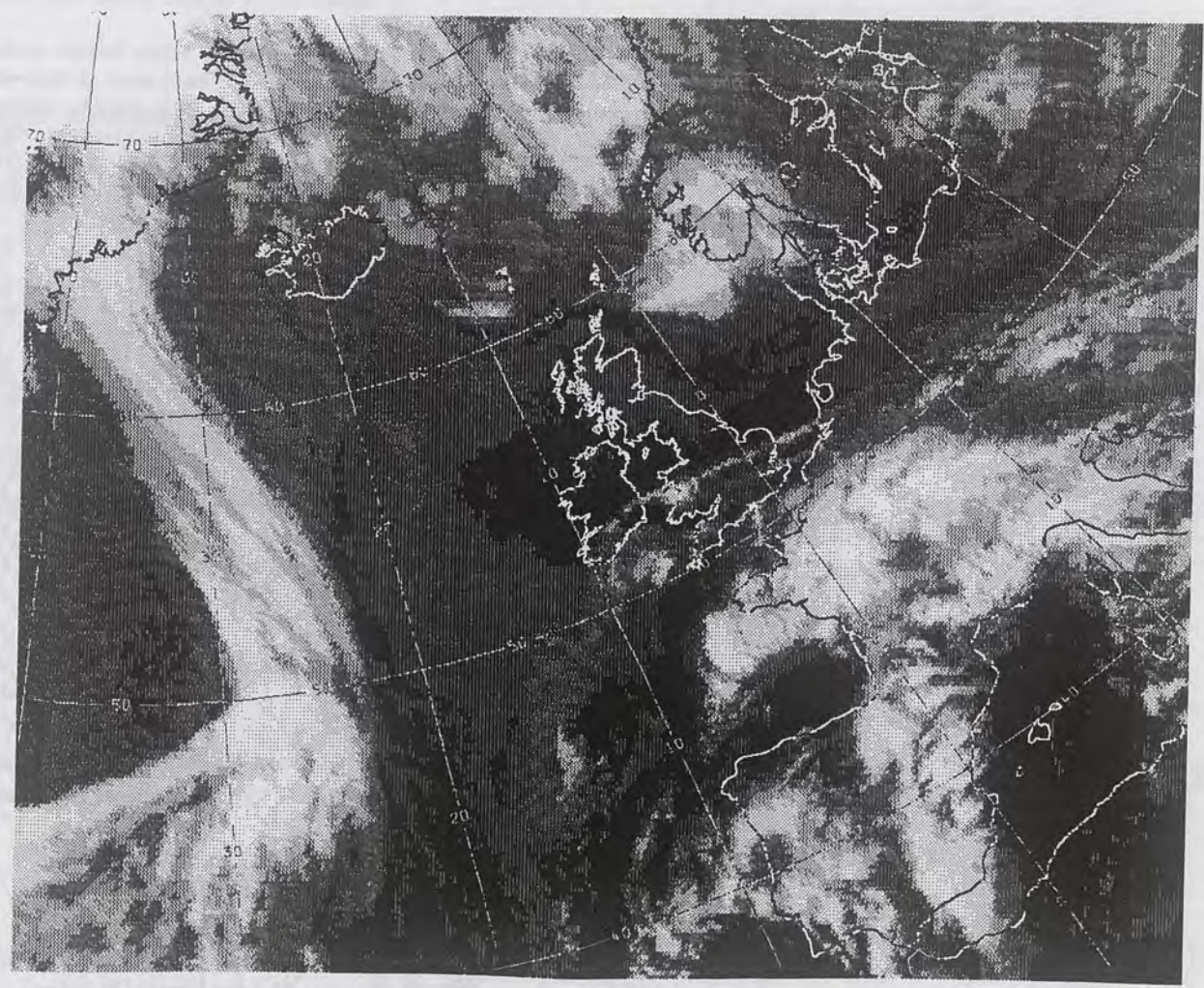
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Sunday  
22nd December  
1996

NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 22/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE





0600 22 DECEMBER 1996  
SIGWX



1200 22 DECEMBER 1996  
SIGWX



### Summary of UK weather for Sunday 22nd December 1996

The night was cold, clear and frosty across much of the country, but there was rather more cloud in the far south of England and also in eastern Scotland. Apart from the far southwest of England which had a little rain, everywhere had a dry night.

The light rain in the southwest cleared away fairly early in the morning to leave a dry, but rather cloudy day here. For much of the rest of the country it was a dry day with plenty of sunshine, made hazy in places by thin clouds, but it felt bitterly cold in the wind. The exception to this was the northeast of England and southeastern Scotland which had some afternoon showers, these mostly dying out after dark.

During the evening most places were dry with clear spells, but with rather more cloud in the south and east.

Temperatures were below average for the time of year, and it felt very cold especially in the south where there was a brisk northeasterly wind. Temperatures in parts of the highlands of Scotland did not manage to rise above freezing all day.

### SIGNIFICANT WEATHER CHARTS

1800 22 DECEMBER 1996  
SIGWX



2400 22 DECEMBER 1996  
SIGWX



### EXTREMES

#### SUNDAY 22nd DECEMBER 1996

**Highest Maximum**  
: 8.4 C Isles of Scilly

**Lowest Maximum**  
: -2.8 C Aviemore [ Highland ]

**Lowest Minimum**  
: -11.7 C Aviemore [ Highland ]

**Lowest Grass Minimum**  
: -13.8 C Aviemore

**Most Rain (24 hrs from 0900 GMT)**  
: 2.4mm Jersey / St Helier

**Most Sunshine**  
: 6.6 hrs Belfast

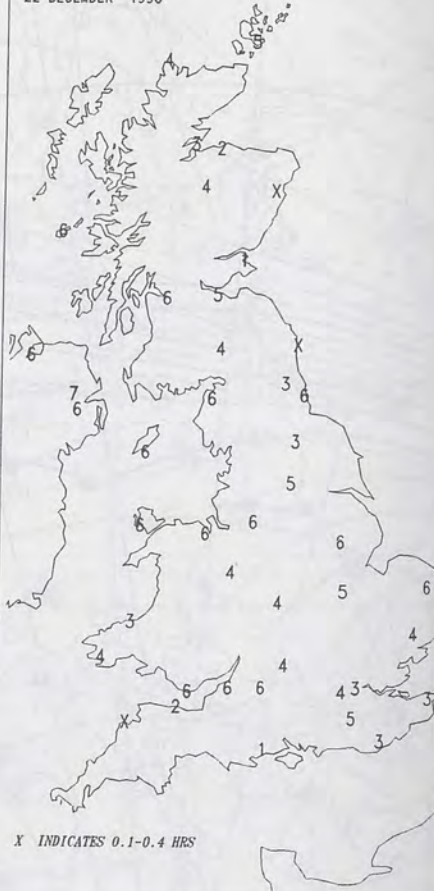
NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
22 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
22 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
22 DECEMBER 1996



### DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
22 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
22 DECEMBER 1996



### DAILY WEATHER SUMMARY



For details of other Weather  
Summaries produced by the  
Met. Office please contact:

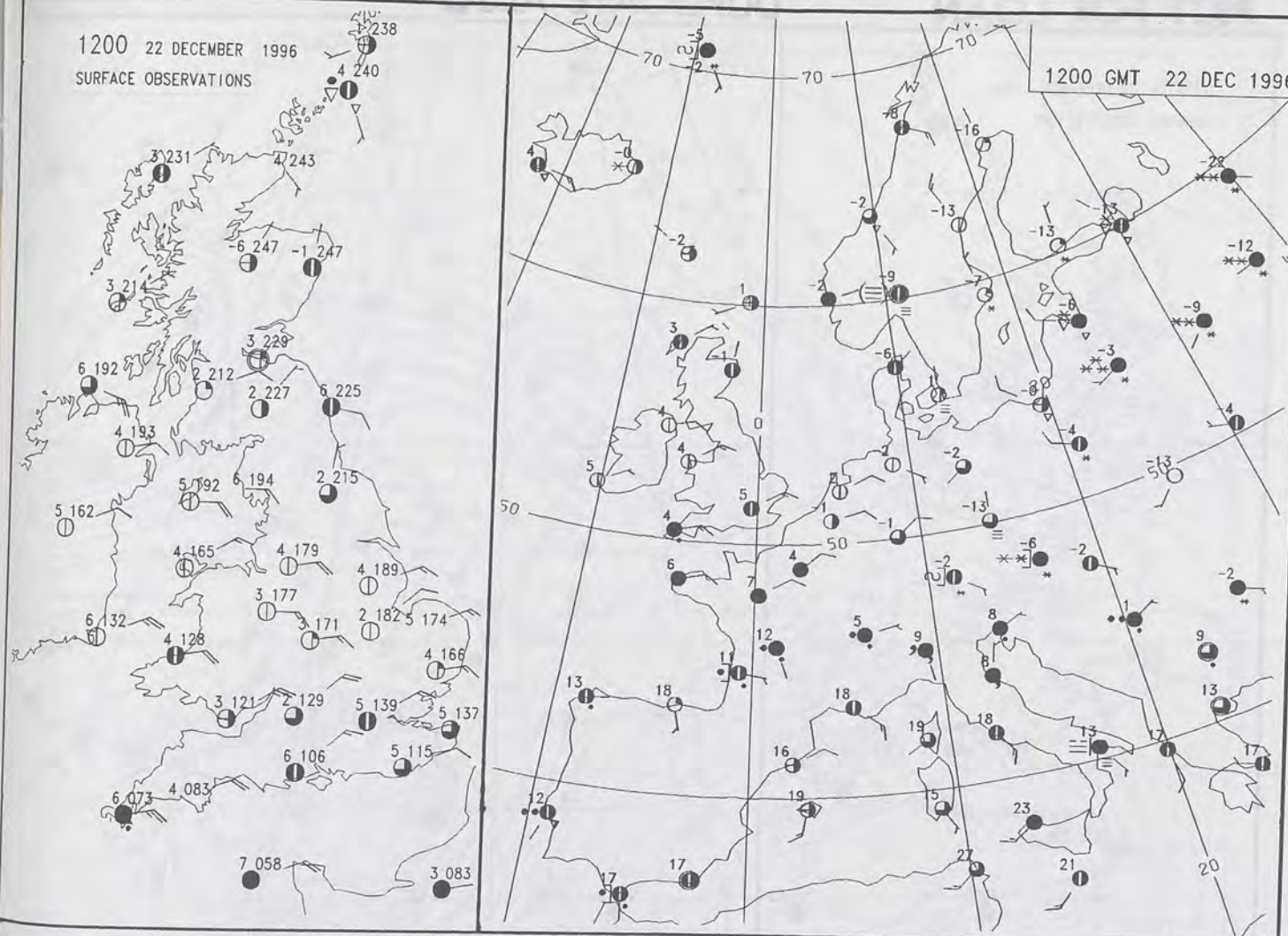
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



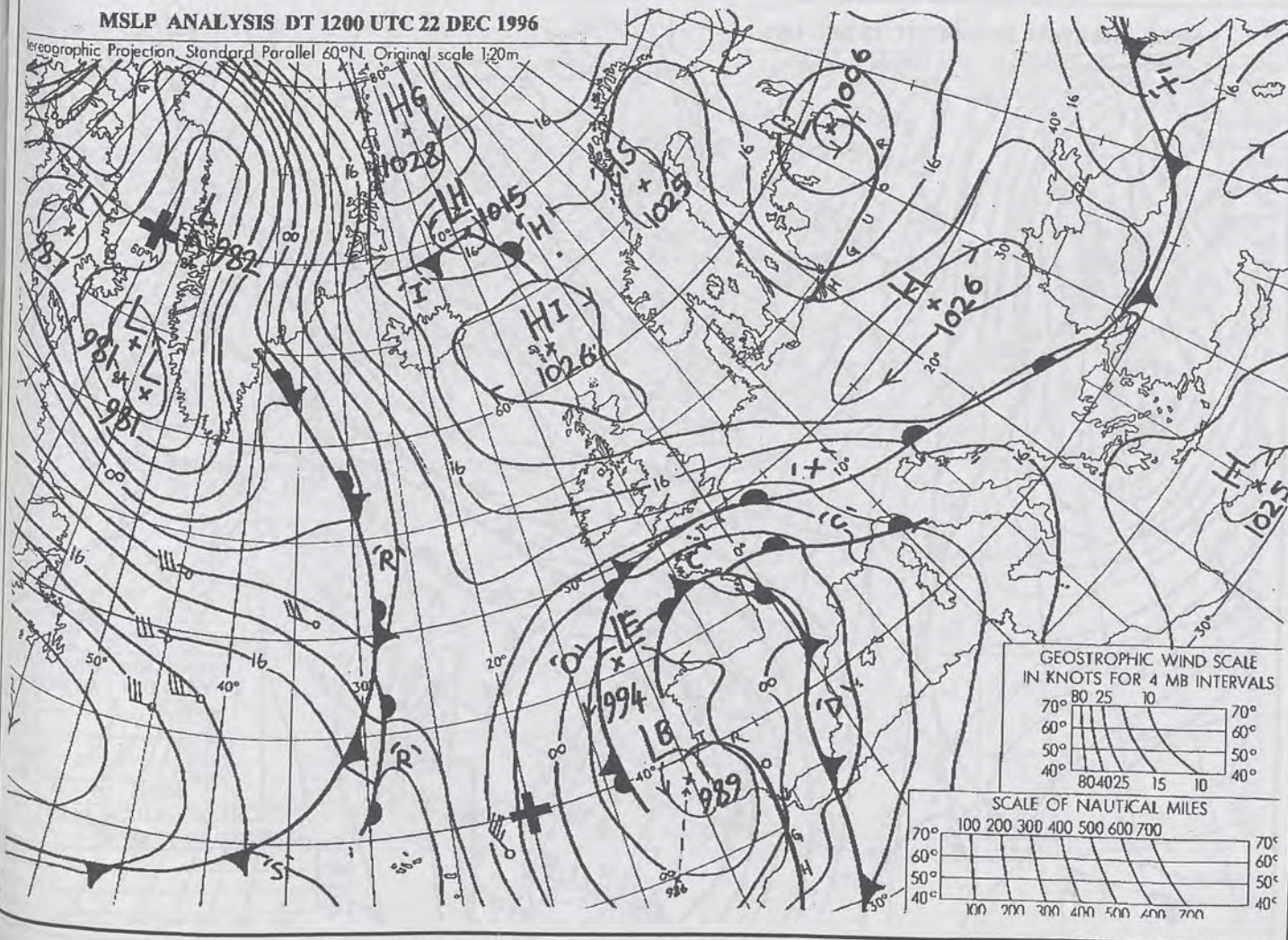
1200 22 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 22 DEC 1996



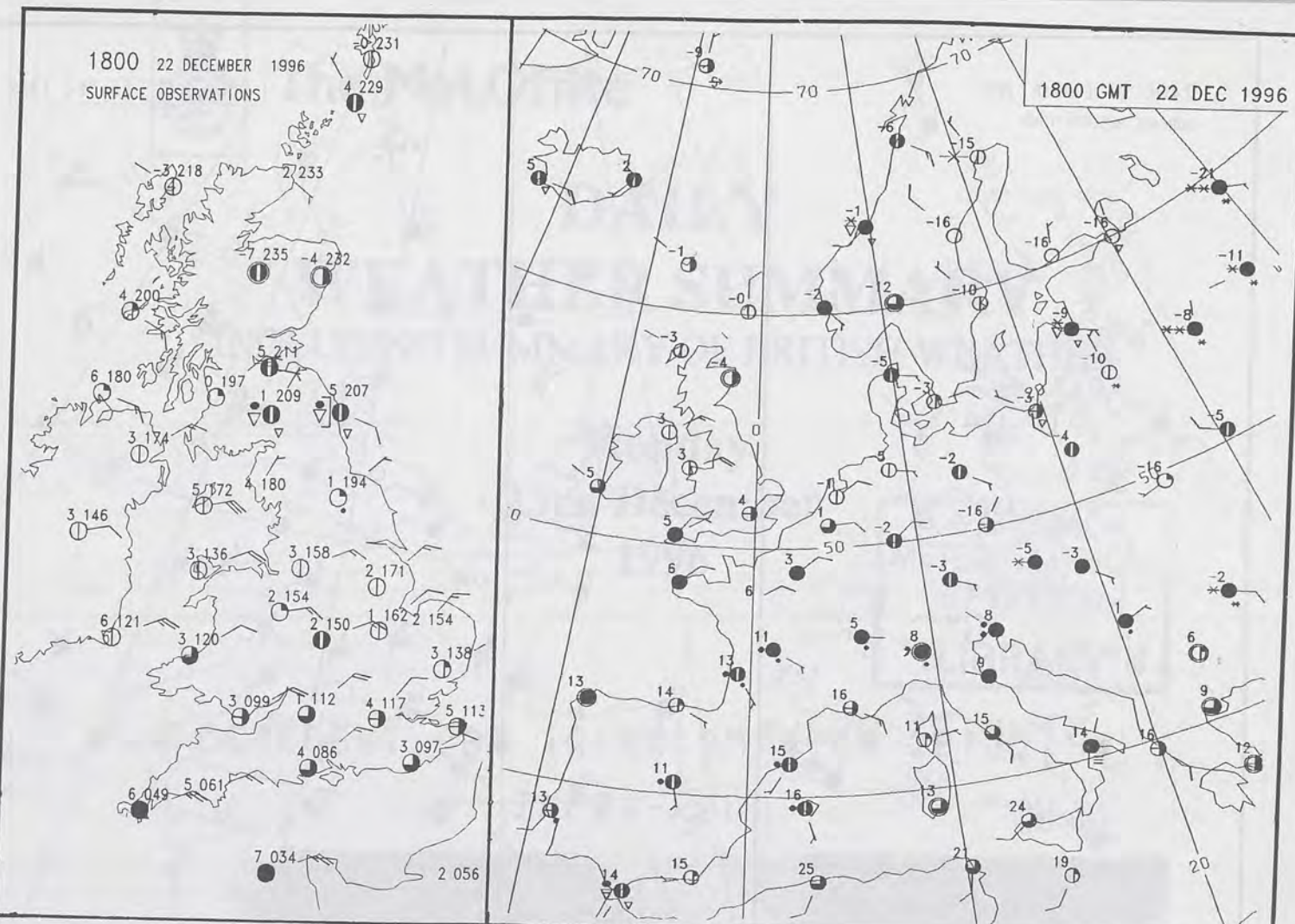
MSLP ANALYSIS DT 1200 UTC 22 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



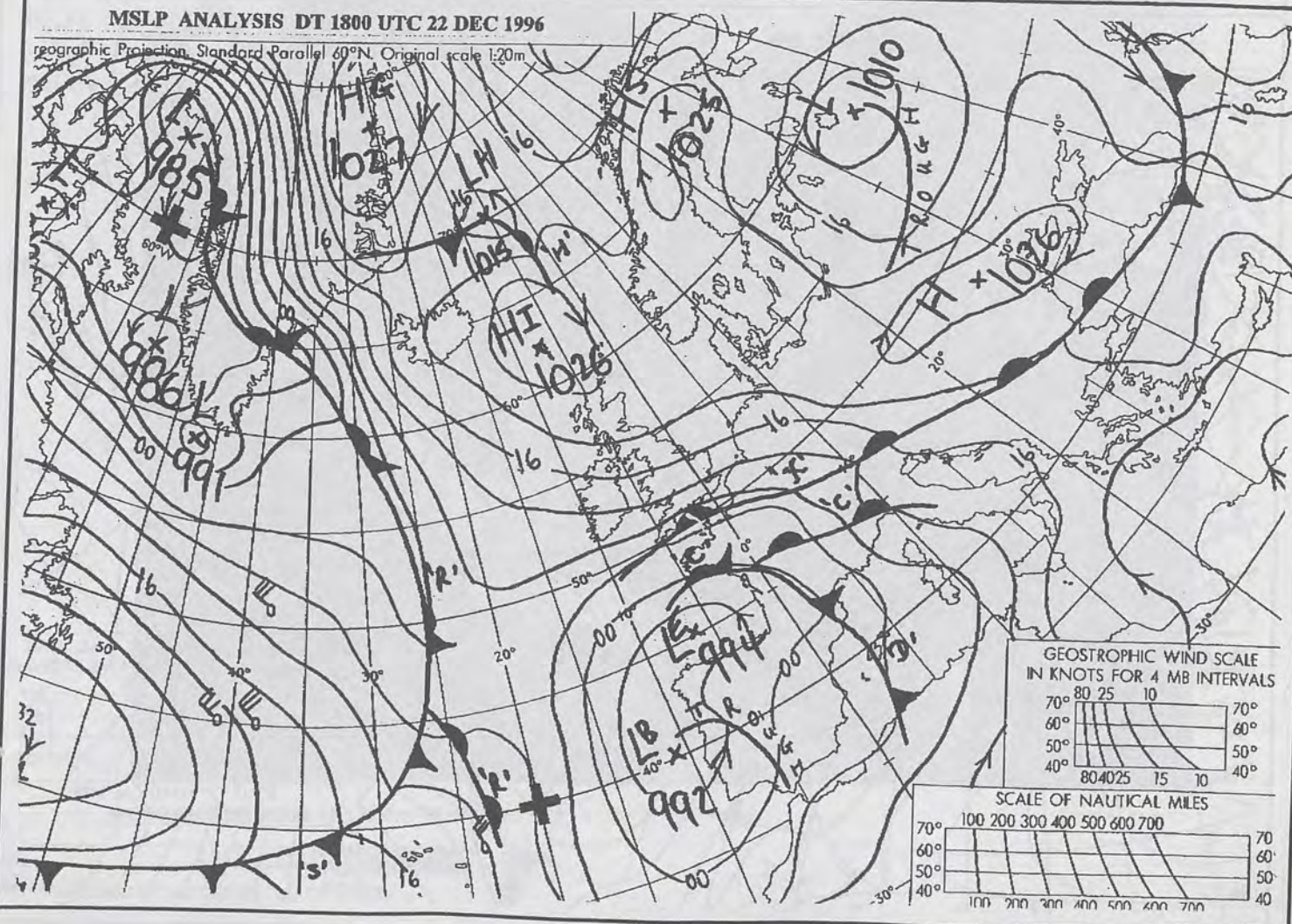
1800 22 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 22 DEC 1996



MSLP ANALYSIS DT 1800 UTC 22 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m





NOT FOR LOAN

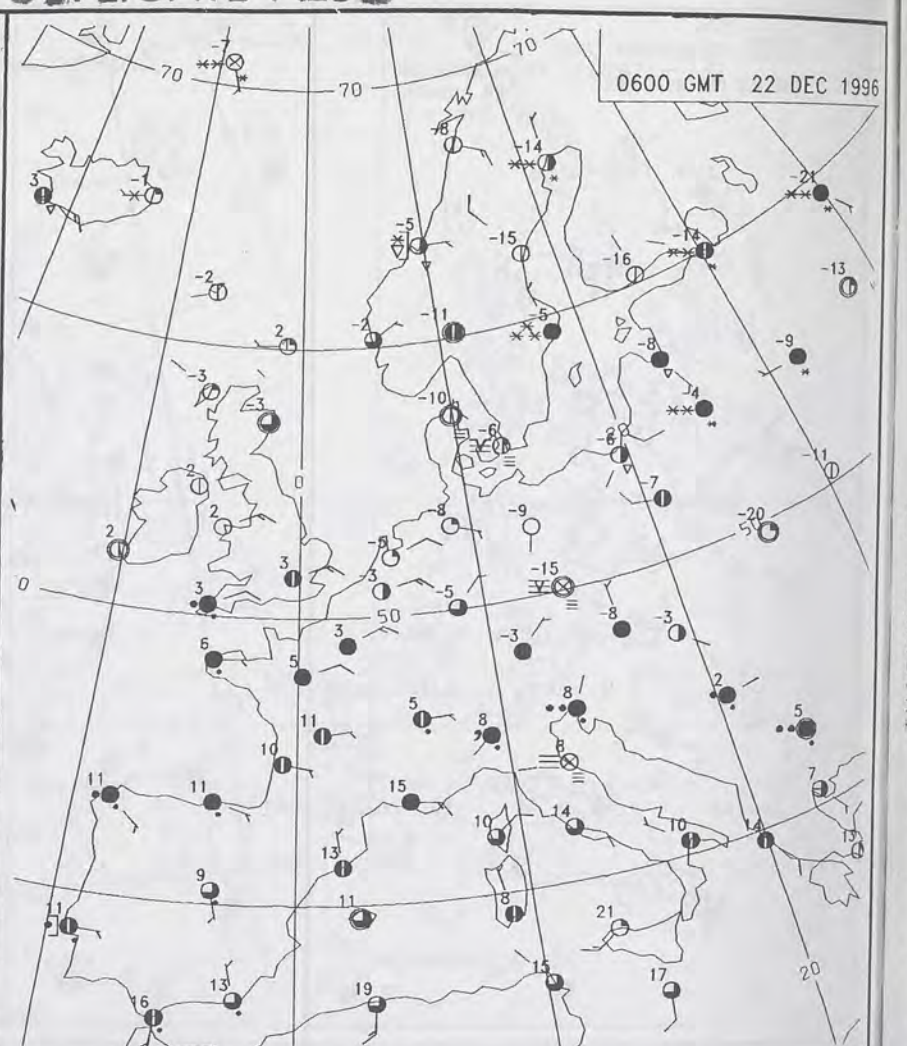
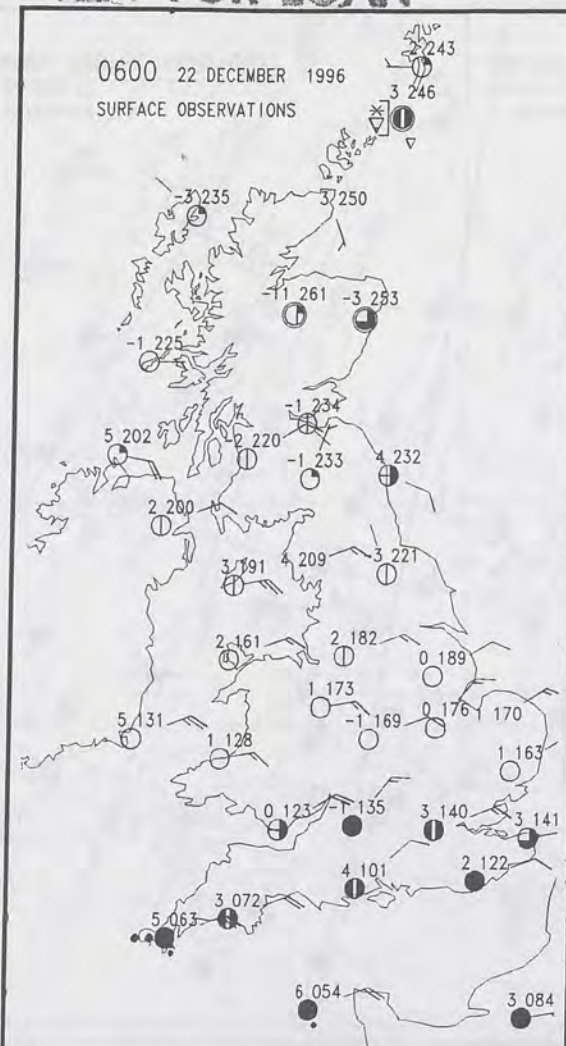
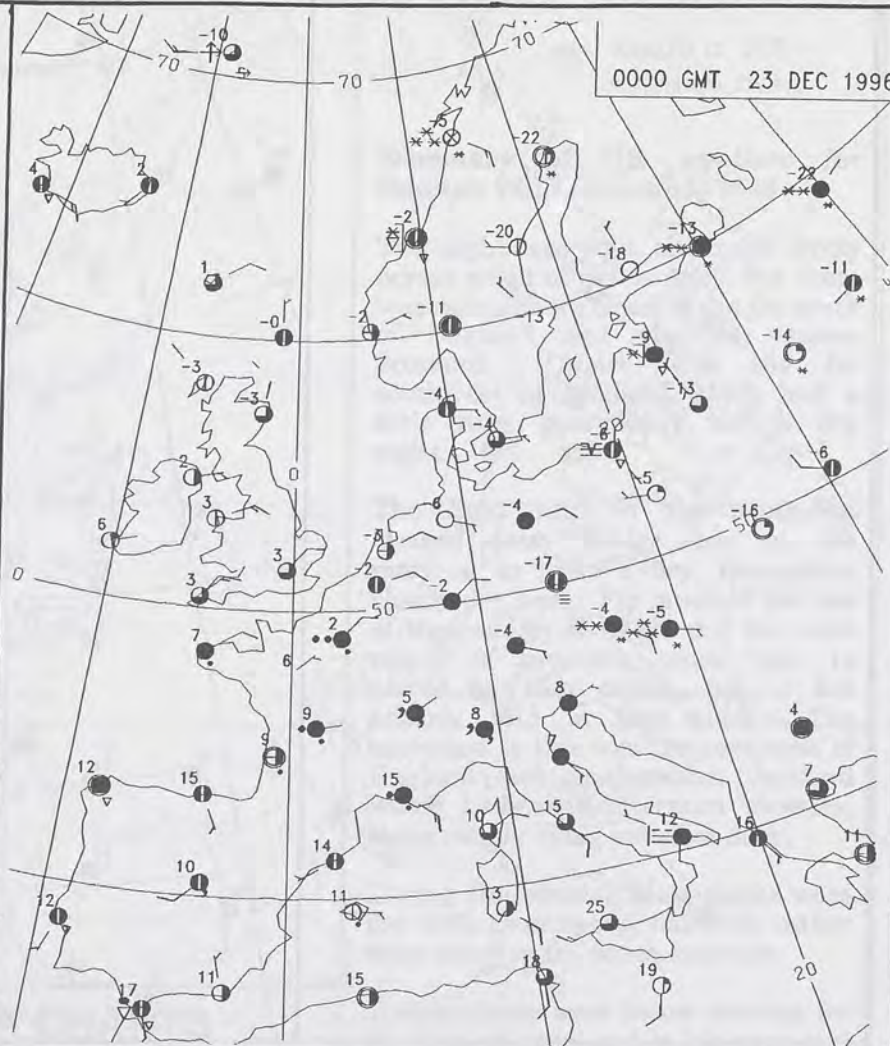
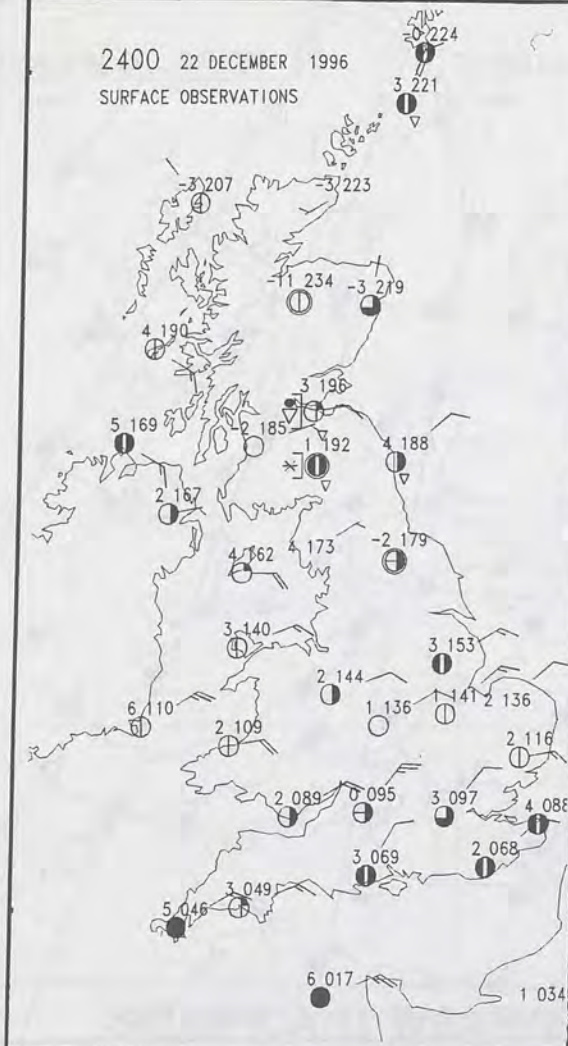
DUPLICATE ALSO

2400 22 DECEMBER 1996  
SURFACE OBSERVATIONS

0000 GMT 23 DEC 1996

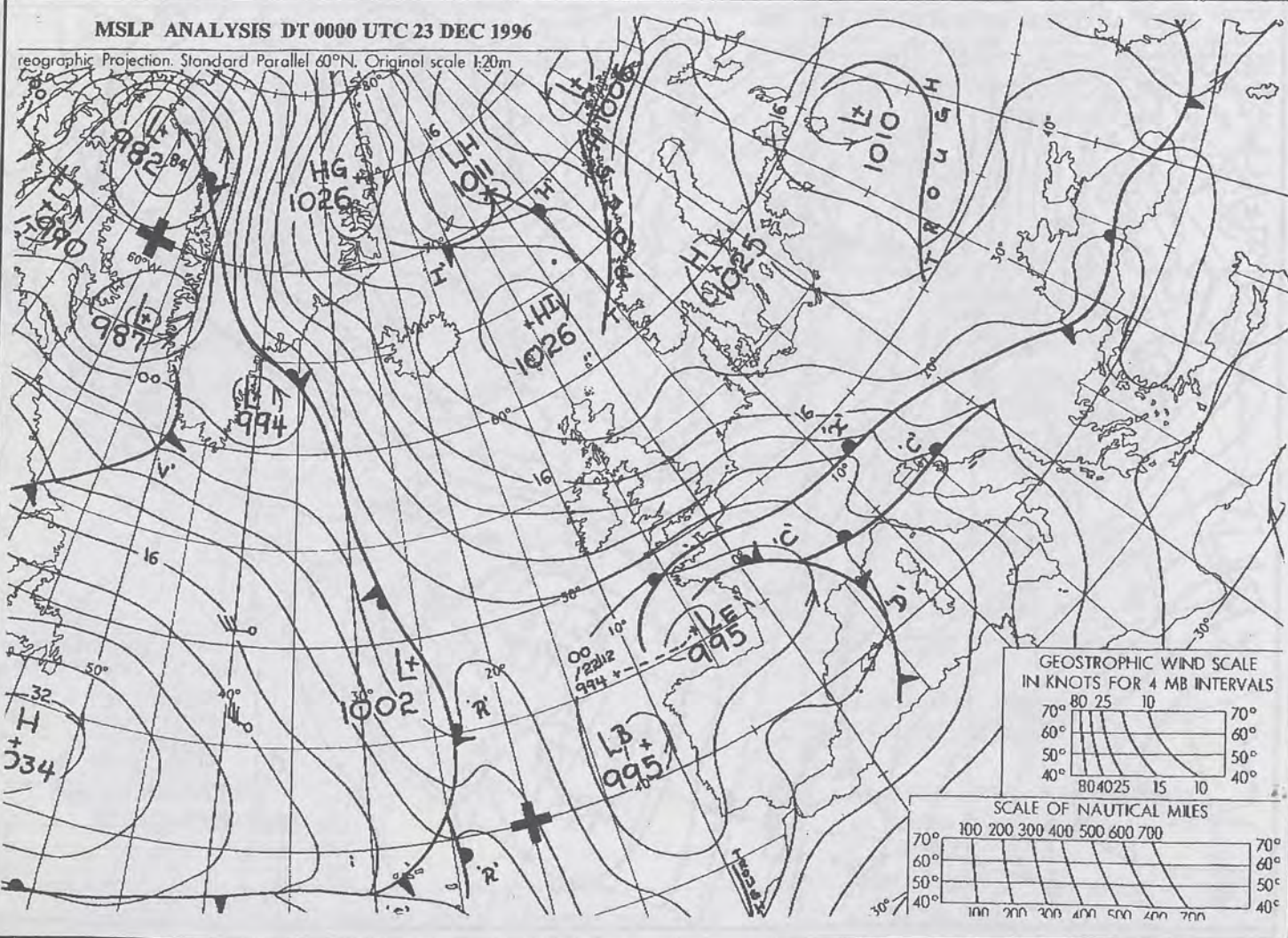
0600 22 DECEMBER 1996  
SURFACE OBSERVATIONS

0600 GMT 22 DEC 1996



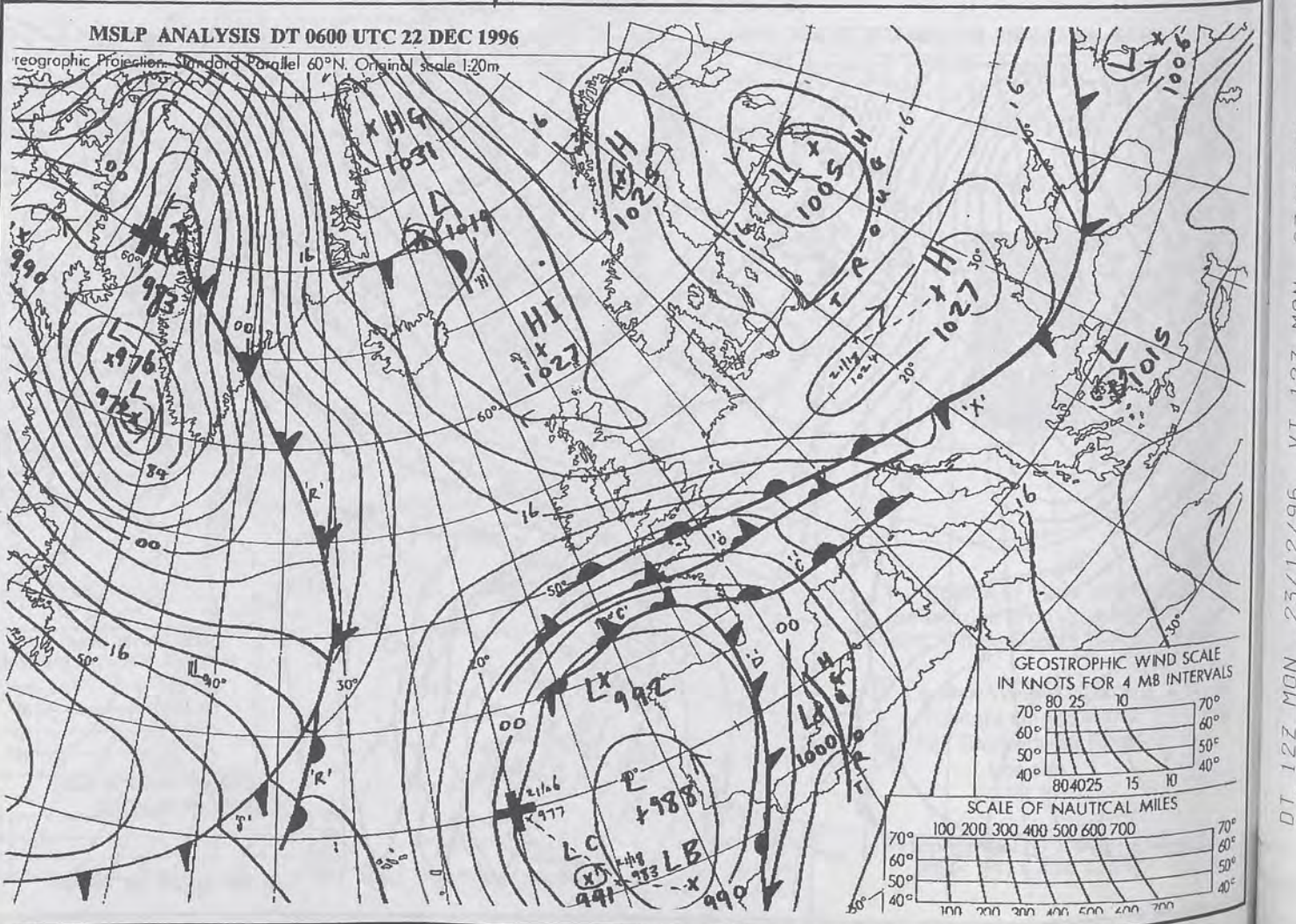
MSLP ANALYSIS DT 0000 UTC 23 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 0600 UTC 22 DEC 1996

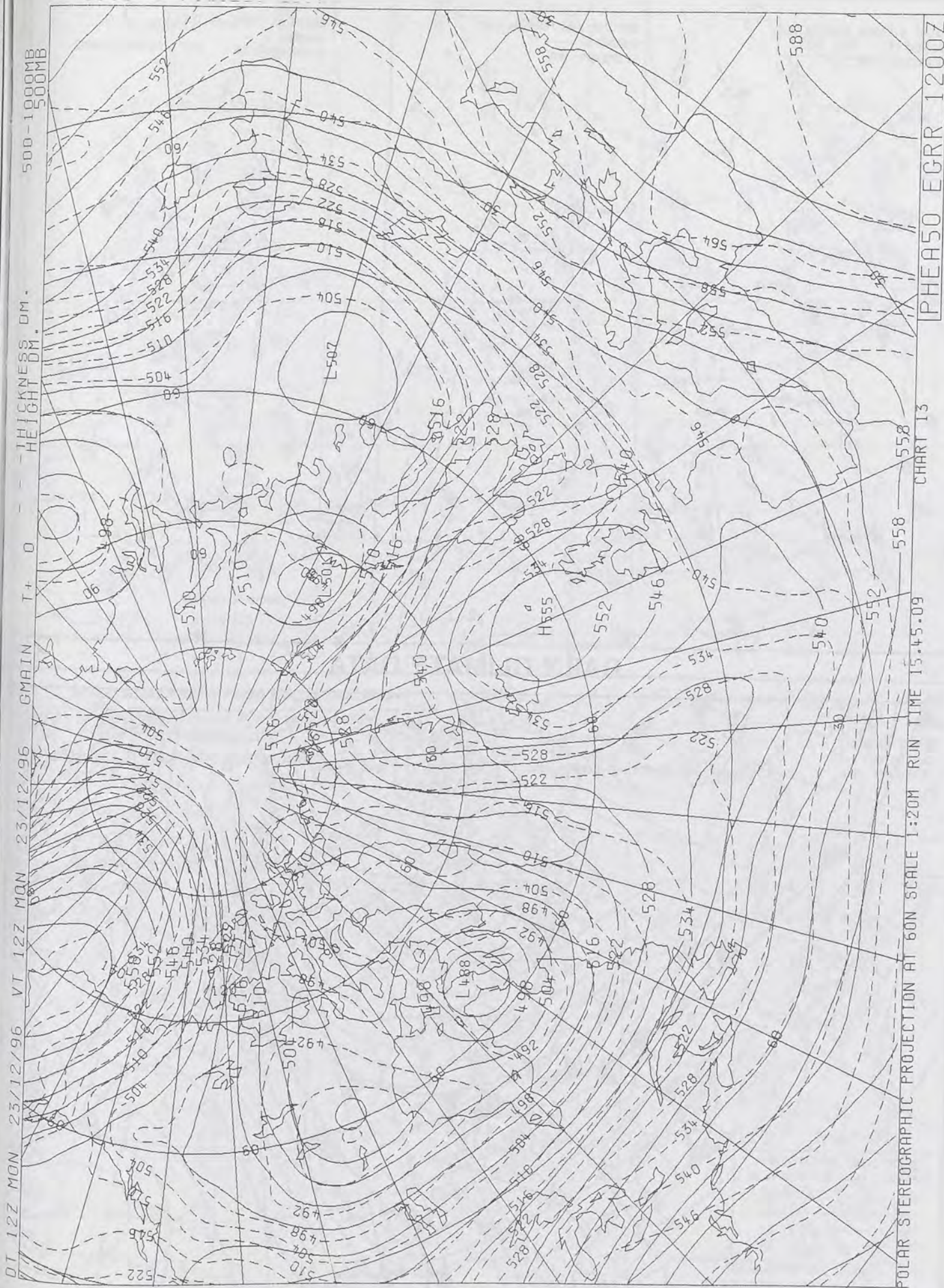
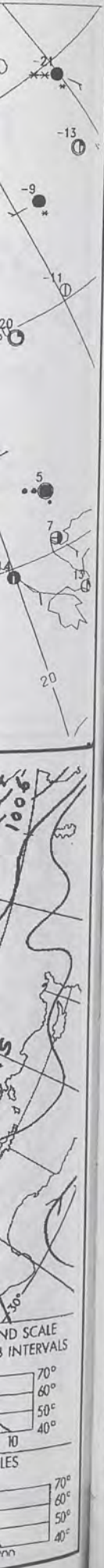
Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



DT 12Z MON 23/12/96 VI 12Z MON 23/12/96 GMAIN T+0 HEIGHT DM. 500-1000MB



22 DEC 1996



The Met. Office

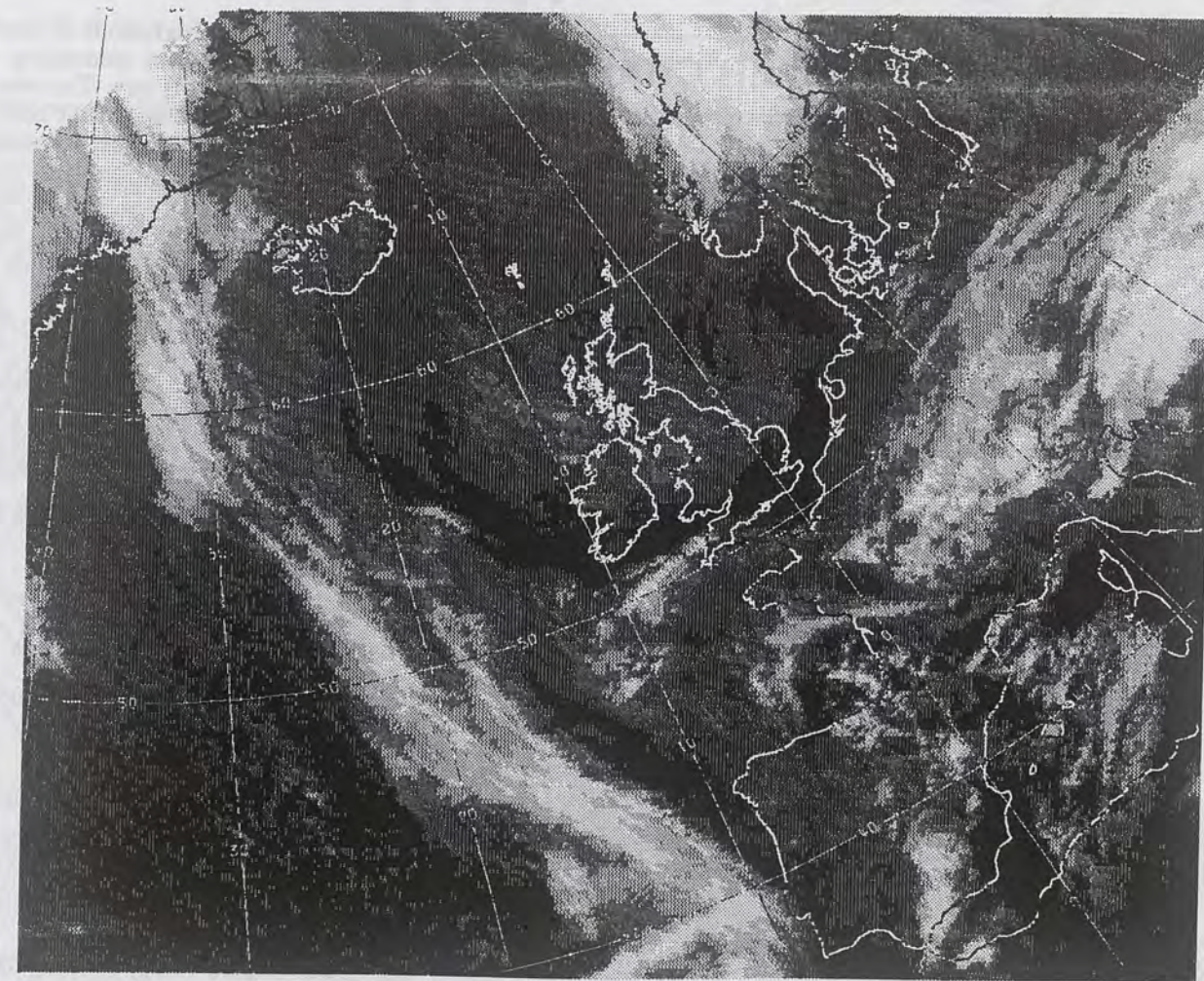
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Monday  
23rd December  
1996

NATIONAL  
METEOROLOGICAL  
07 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 23/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE  
COLD WARM



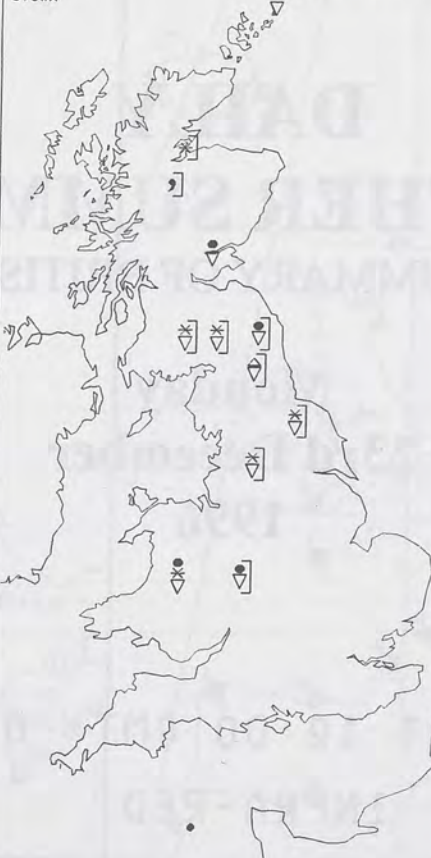
0600 23 DECEMBER 1996

SIGWX



1200 23 DECEMBER 1996

SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 23 DECEMBER 1996

SIGWX



2400 23 DECEMBER 1996

SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Monday 23rd December 1996

It was rather cloudy across southern counties in the first part of the night with rain in the Channel Island and occasionally in the far southwest. The northern Isles, eastern Scotland and northeast England were also cloudy at times, with isolated, occasionally wintry, showers. There were one or two showers over the Pennines as well, but the rest of the country had a dry, largely clear and frosty night.

The rain in the far southwest cleared during the morning. The Northern Isles, eastern Scotland and northeast England remained rather cloudy with further showers and the showers also fed through the Forth-Clyde valley. There were one or two isolated showers elsewhere but for much of the country it was a dry day with plenty of winter sunshine. During the evening the showers largely died away.

In parts of the highlands of Scotland it was very cold, not managing to rise above freezing all day. The rest of the country was cold or rather cold and in the south the brisk northeasterly wind made it feel bitter.

## EXTREMES

## MONDAY 23rd DECEMBER 1996

## Highest Maximum

: 7.9 C Guernsey / L'Ancresse

## Lowest Maximum

: -2.5 C Altnaharra [ Highland ]

## Lowest Minimum

: -12.3 C Aviemore [ Highland ]

## Lowest Grass Minimum

: -14.4 C Aviemore

## Most Rain (24 hrs from 0900 GMT)

: 2.3mm Scarborough [ Yorkshire ]

## Most Sunshine

: 7.2 hrs Isle of Portland [ Dorset ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
23 DECEMBER 1996DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
23 DECEMBER 1996SUNSHINE (DAWN TO DUSK)  
(HOURS)  
23 DECEMBER 1996

X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
23 DECEMBER 1996

X INDICATES TRACE TO 0.4 MM

DAY RAINFALL  
(MILLIMETRES)  
23 DECEMBER 1996

X INDICATES TRACE TO 0.4 MM

23 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)

X INDICATES TRACE TO 0.4 CM



1200 23 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 23 DEC 1996

1800 23 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 23 DEC 1996

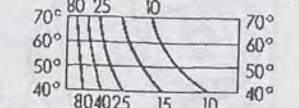
MSLP ANALYSIS DT 1200 UTC 23 DEC 1996

Stereographic Projection, Standard Parallel 60°N, Original scale 1:20m

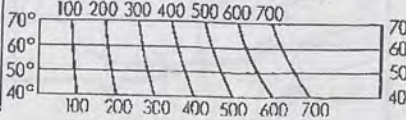
MSLP ANALYSIS DT 1800 UTC 23 DEC 1996

Stereographic Projection, Standard Parallel 60°N, Original scale 1:20m

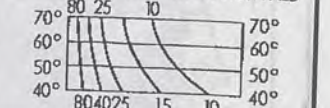
GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



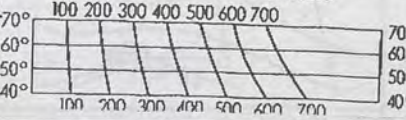
SCALE OF NAUTICAL MILES



GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



SCALE OF NAUTICAL MILES





2400 23 DECEMBER 1996

SURFACE OBSERVATIONS

3 200

2 210 1 203

3 186

5 167

0 178

3 190

0 185

4 186

4 180

3 134

4 158

3 172

2 174

2 139

2 150

2 150

1 141

1 132

1 137

0 121

4 119

0 120

0 102

1 110

0 105

1 097

-0 121

0 079

-1 084

0 056

3 049

4 033

-3 043

[illegible]

MSLP ANALYSIS DT 0000 UTC 24 DEC 1996  
 Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

Geostrophic Wind Scale in knots for 4 mb intervals

Wind Speed (knots)	Symbol
80	80
25	25
10	10

Scale of Nautical Miles

Nautical Miles	Symbol
100	100
200	200
300	300
400	400
500	500
600	600
700	700

DUPLICATE ALSO

0600 23 DECEMBER 1996

SURFACE OBSERVATIONS

211  
206

196  
4211  
1223  
1201  
4180  
6155  
3152  
5147  
4152  
-1154  
4120  
3131  
3126  
6099  
1099  
2072  
1080  
2077  
406  
2054  
3047  
2040  
4027  
6002  
0014



**MSLP ANALYSIS DT 0600 UTC 23 DEC 1996**  
 Stereographic Projection, Standard Parallel 60°N, Original scale 1:20M

**GEOSTROPHIC WIND SCALE**  
 IN KNOTS FOR 4 MB INTERVALS

Pressure (mb)	70°N	60°N	50°N	40°N
80	10	15	20	25
40	10	15	20	25
25	10	15	20	25
15	10	15	20	25
10	10	15	20	25

**SCALE OF NAUTICAL MILES**

Distance (nm)	70°N	60°N	50°N	40°N
100	10	15	20	25
200	10	15	20	25
300	10	15	20	25
400	10	15	20	25
500	10	15	20	25
600	10	15	20	25
700	10	15	20	25

	DT	12Z TUES 24/12/96	VT	12Z TUES 24/12/96	GMAIN	T + 0	- - THICKNESS DM. HEIGHT DM.	500-1000MB 500MB
								



A line graph showing the relationship between Wind Scale and MB Intervals. The vertical axis is labeled 'WIND SCALE' and 'MB INTERVALS' with values 40°, 50°, 60°, and 70°. The horizontal axis is labeled 'MILES' with a value of 10. A line starts at (0, 50°) and ends at (10, 40°).



# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

**Tuesday  
24th December  
1996**

NATIONAL  
METEOROLOGICAL  
13 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 24/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE

COLD  WARM



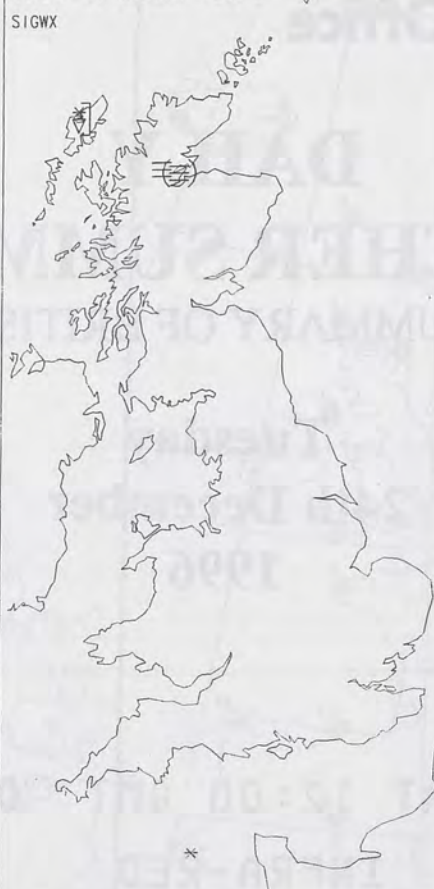
0600 24 DECEMBER 1996

SIGWX



1200 24 DECEMBER 1996

SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 24 DECEMBER 1996

SIGWX



2400 24 DECEMBER 1996

SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Tuesday 24th December 1996

Overnight there were long clear periods over Wales, Central and southern England and East Anglia. Elsewhere cloud cover was more variable, with large amounts at times across northern and eastern parts. Cloud moving into the Channel islands brought some snow flurries towards morning. Some isolated showers, occasionally wintry, popped up elsewhere, mainly on the east coast of Scotland and northeast England, but much of the country had a dry night.

The Channel Islands had a cloudy day with sleet and snow, which also edged into the far southwest of England for a time. There were isolated wintry showers elsewhere, mainly in the northern Isles and northeast Scotland, but much of the country was dry. There was plenty of sunshine across Wales and England with more cloud further north. During the evening the cloud spread south, down the eastern side of the country.

It was very cold in the highlands of Scotland, not rise above freezing in places. The rest of the country was cold or rather cold and in the south the brisk northeasterly wind made it feel bitter.

## EXTREMES

## TUESDAY 24th DECEMBER 1996

## Highest Maximum

: 5.0 C Littlehampton, Stornoway and Tynemouth

## Lowest Maximum

: -2.6 C Aviemore [ Highland ]

## Lowest Minimum

: -8.1 C Aviemore [ Highland ]  
Loch Glascarnoch [ Highland ]

## Lowest Grass Minimum

: -10.1 C Kinloss [ Moray Firth ]

## Most Rain (24 hrs from 0900 GMT)

: 2.0mm Boulmer [ Northumberland ]  
Tynemouth [ Tyne and Wear ]

## Most Sunshine

: 7.1 hrs Tenby [ Dyfed ]  
and Birmingham ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
24 DECEMBER 1996DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
24 DECEMBER 1996SUNSHINE (DAWN TO DUSK)  
(HOURS)  
24 DECEMBER 1996

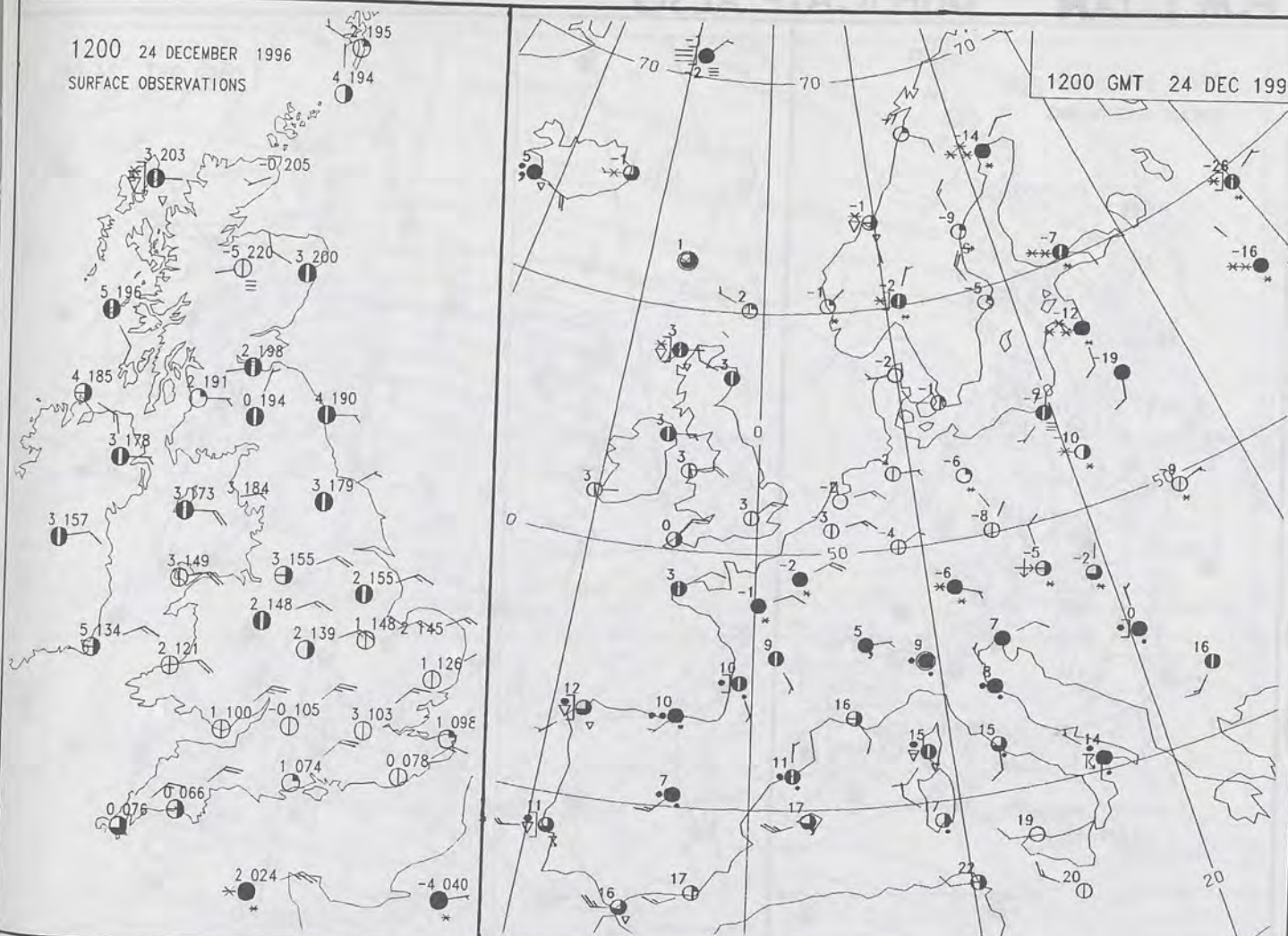
## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
24 DECEMBER 1996DAY RAINFALL  
(MILLIMETRES)  
24 DECEMBER 199624 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)



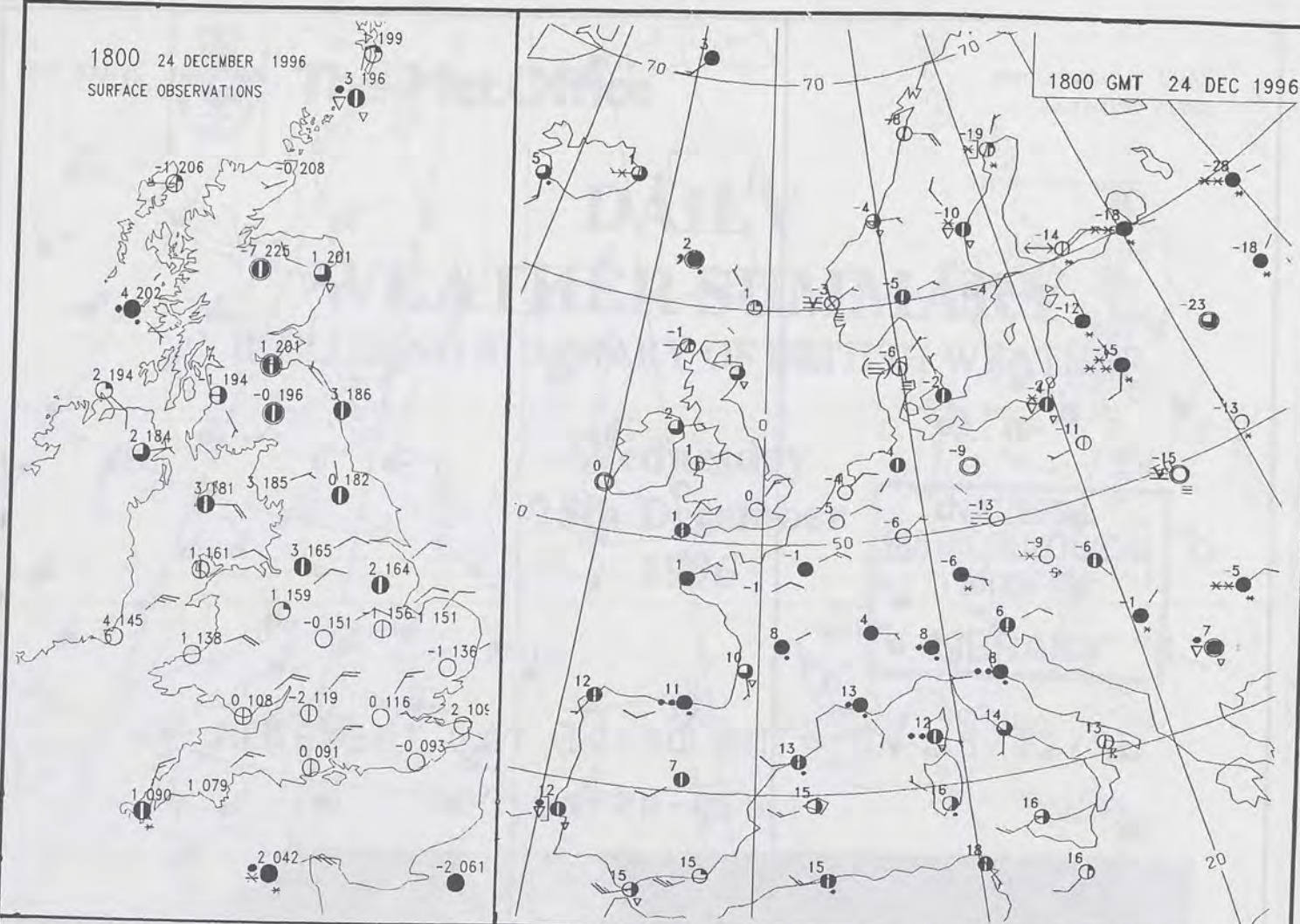
1200 24 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 24 DEC 1996

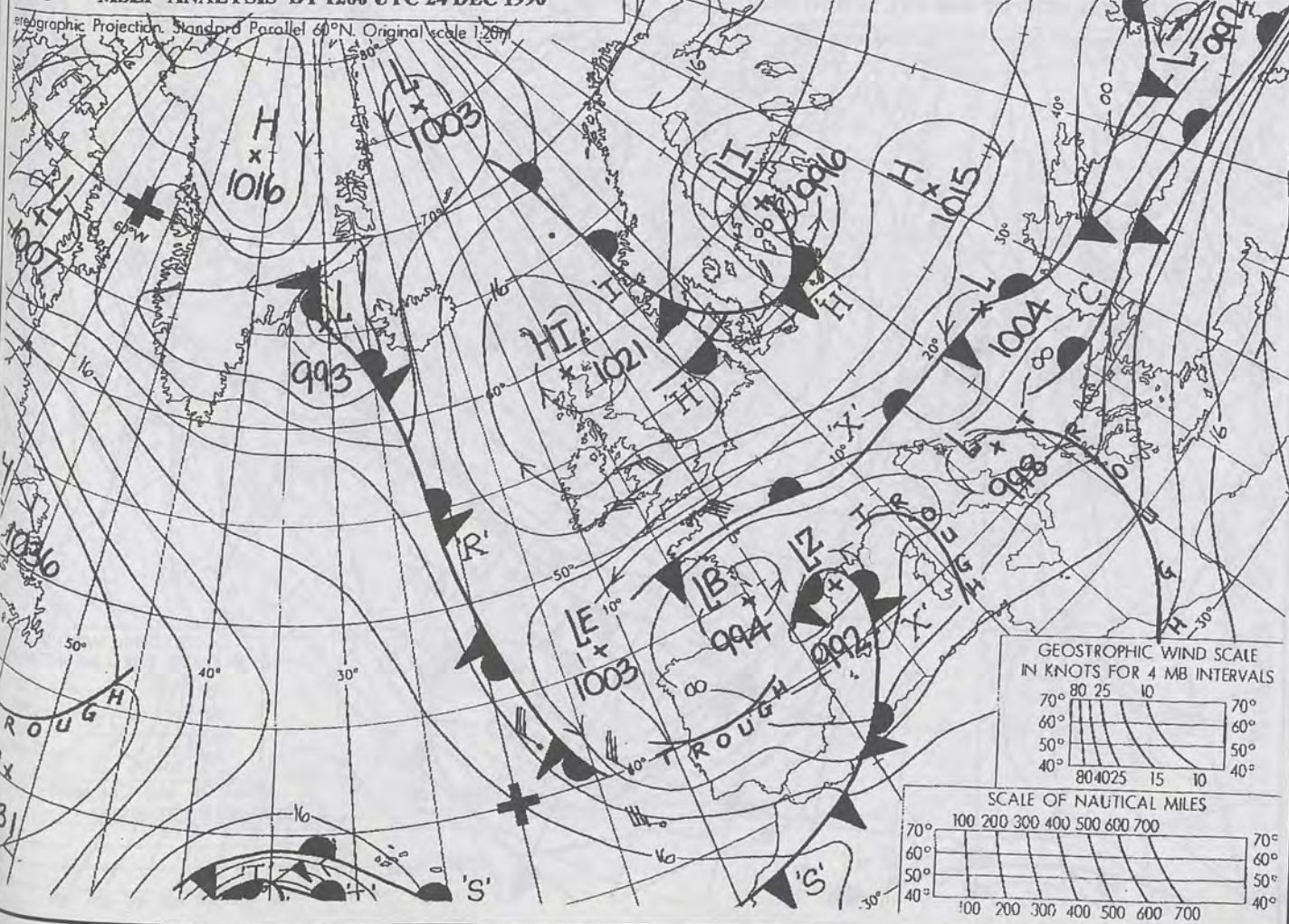


1800 24 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 24 DEC 1996



MSLP ANALYSIS DT 1200 UTC 24 DEC 1996





2400 24 DECEMBER 1996  
SURFACE OBSERVATIONS

0000 GMT 25 DEC 1996

0600 24 DECEMBER 1996  
SURFACE OBSERVATIONS

0600 GMT 24 DEC 1996

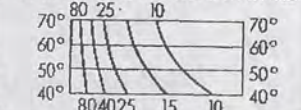
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Geographic Projection, Standard Parallel 60°N, Original scale 1:500,000

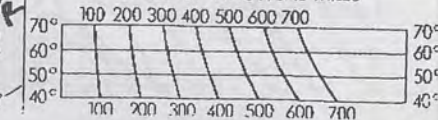
MSLP ANALYSIS DT 0600 UTC 24 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:500,000

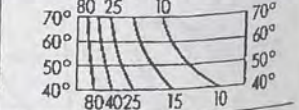
GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



SCALE OF NAUTICAL MILES



GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



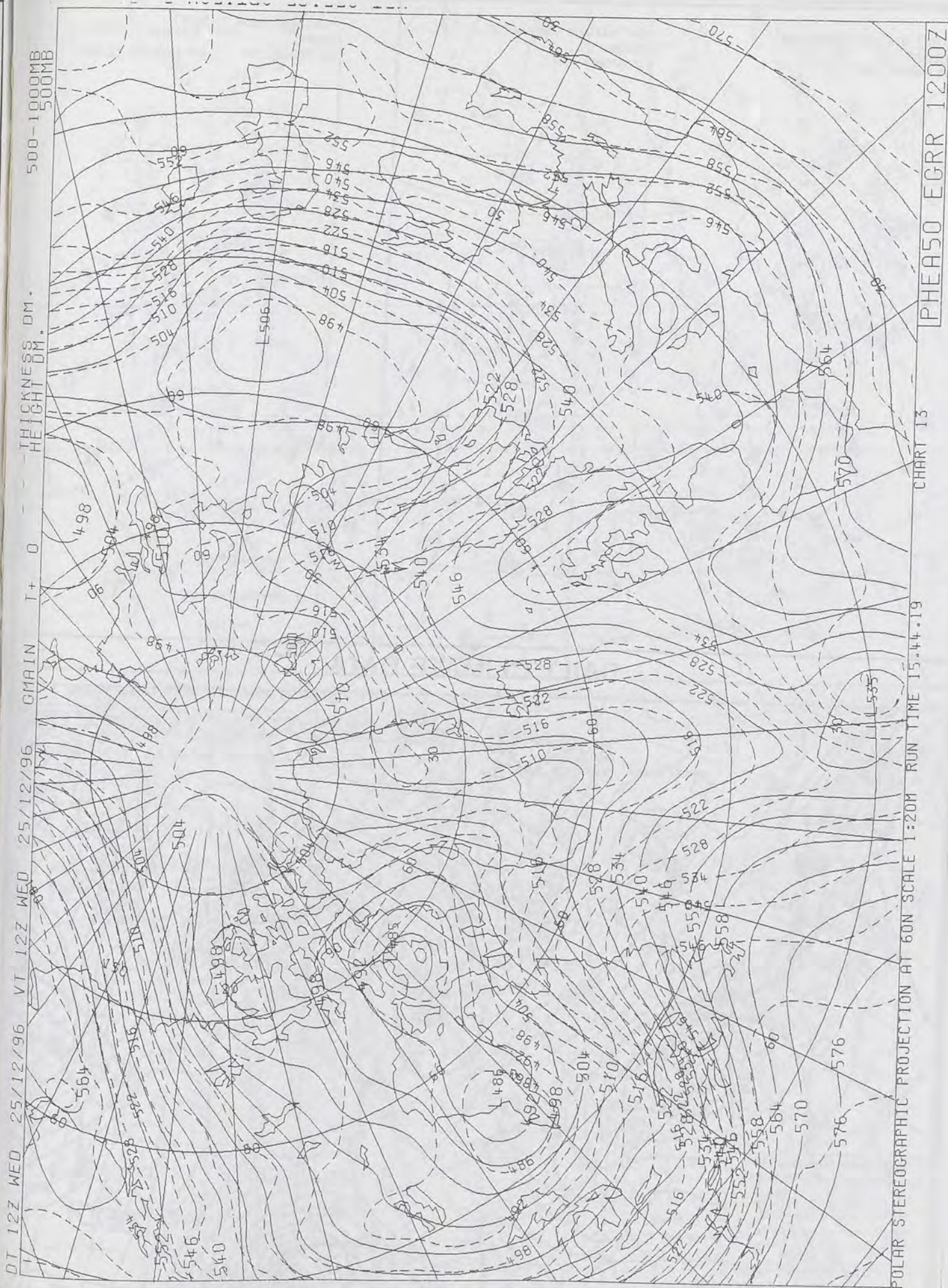
SCALE OF NAUTICAL MILES





24 DEC 1996

D SCALE  
INTERVALS  
70°  
60°  
50°  
40°  
30°  
20°  
10°  
0°



The Met. Office

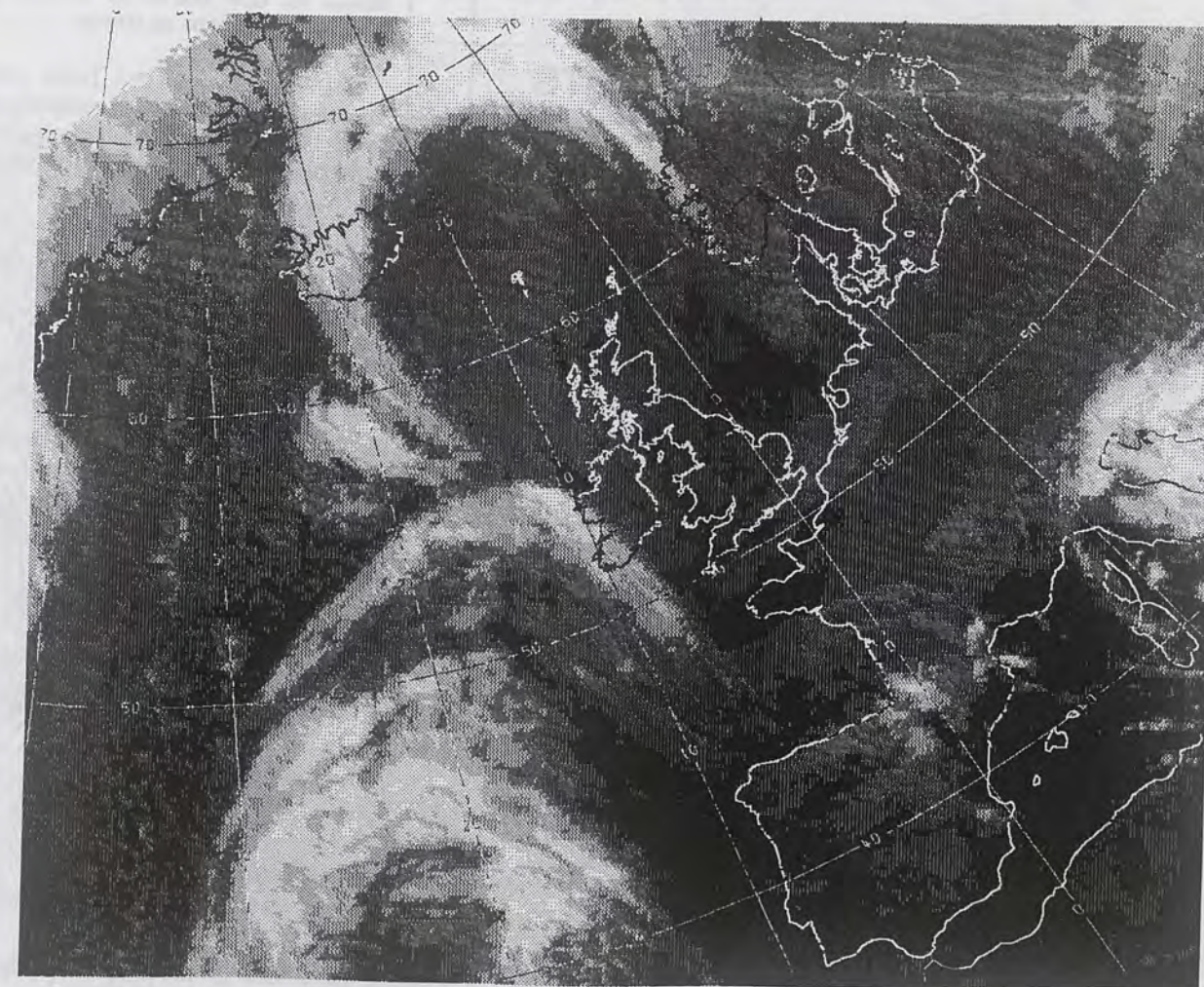
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Wednesday  
25th December  
1996

NATIONAL  
METEOROLOGICAL  
LIBRARY  
13 JAN 1997

METEOSAT AT 12:00 GMT ON 25/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE  
COLD WARM



0600 25 DECEMBER 1996

SIGWX



1200 25 DECEMBER 1996

SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 25 DECEMBER 1996

SIGWX



2400 25 DECEMBER 1996

SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Wednesday 25th December 1996

There were clear spells in many areas overnight. However, a band of cloud with scattered wintry showers spread down from the north giving some snow in places, especially central and eastern parts.

Most places had a dry, bright Christmas Day with some sunshine at times. There were thicker patches of cloud around, though, giving a few wintry showers, especially, but not exclusively, near eastern coasts. However, more northern parts of Scotland tended to be rather cloudy with a little light rain at times.

During the evening the cloud broke up over many parts leading to a cold and frosty night. Again, there was more cloud in the north of Scotland with patchy light rain at times.

Temperatures ranged from very cold in parts of northern Scotland, staying well below freezing all day, to rather cold over much of England and Wales.

## EXTREMES

## WEDNESDAY 25th DECEMBER 1996

## Highest Maximum

: 7.2 C Guernsey / L'Ancresse

## Lowest Maximum

: -3.8 C Altnaharra [ Highland ]

## Lowest Minimum

: -12.8 C Altnaharra

## Lowest Grass Minimum

: -14.5 C Aviemore [ Highland ]

## Most Rain (24 hrs from 0900 GMT)

: 2.1mm Foula [ Shetland ]

## Most Sunshine

: 7.9 hrs Plymouth [ Devon ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
25 DECEMBER 1996DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
25 DECEMBER 1996SUNSHINE (DAWN TO DUSK)  
(HOURS)  
25 DECEMBER 1996

X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
25 DECEMBER 1996

X INDICATES TRACE TO 0.4 MM

DAY RAINFALL  
(MILLIMETRES)  
25 DECEMBER 1996

X INDICATES TRACE TO 0.4 MM

25 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)

X INDICATES TRACE TO 0.4 CM



1200 25 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 25 DEC 1996

1800 25 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 25 DEC 1996

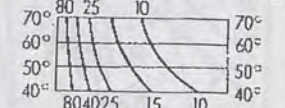
MSLP ANALYSIS DT 1200 UTC 25 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

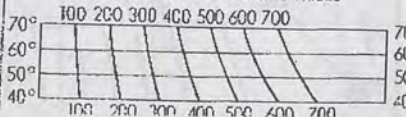
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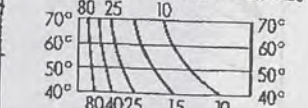
GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



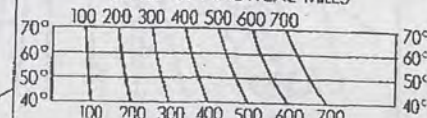
SCALE OF NAUTICAL MILES



GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS

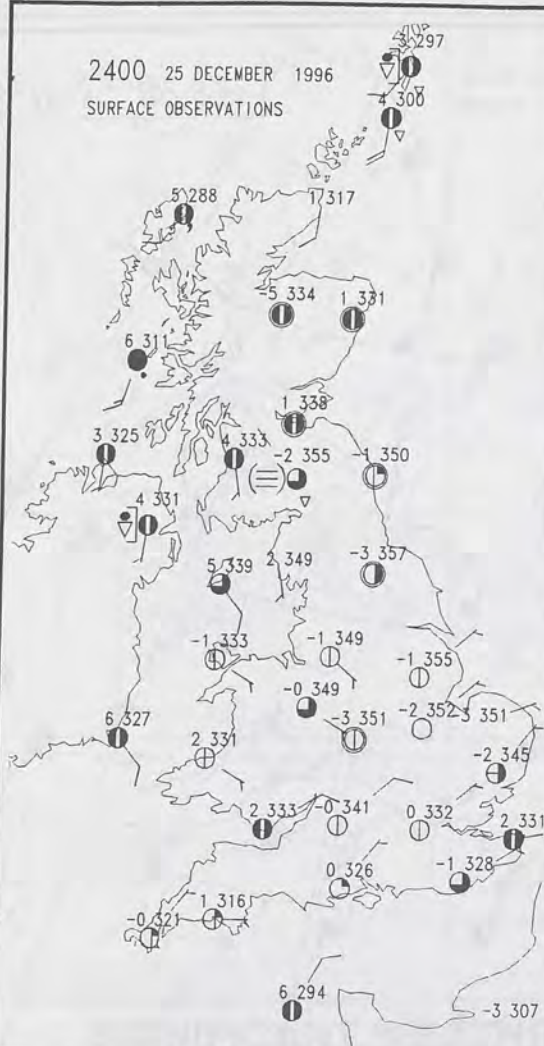


SCALE OF NAUTICAL MILES





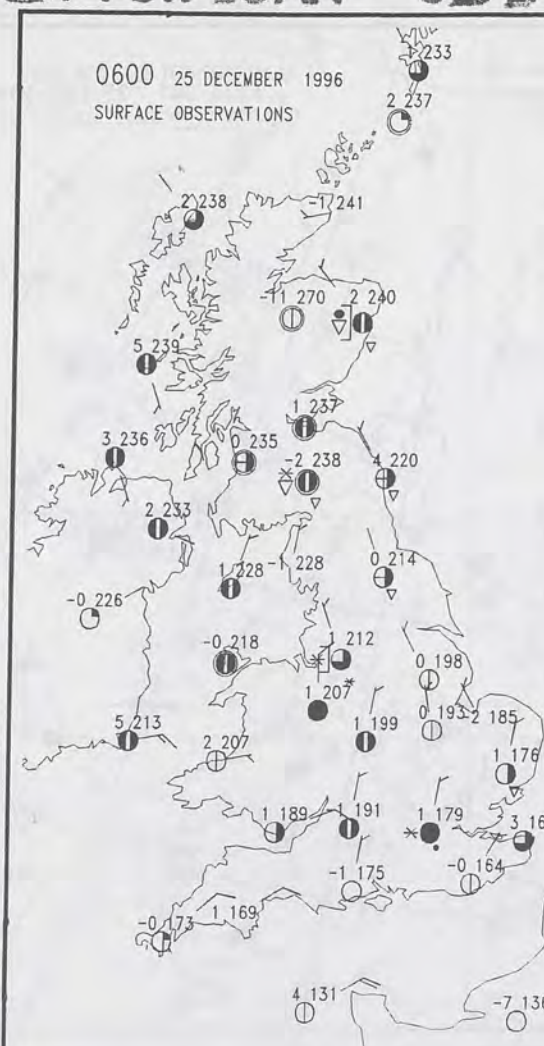
2400 25 DECEMBER 1996  
SURFACE OBSERVATIONS



0000 GMT 26 DEC 1996



0600 25 DECEMBER 1996  
SURFACE OBSERVATIONS

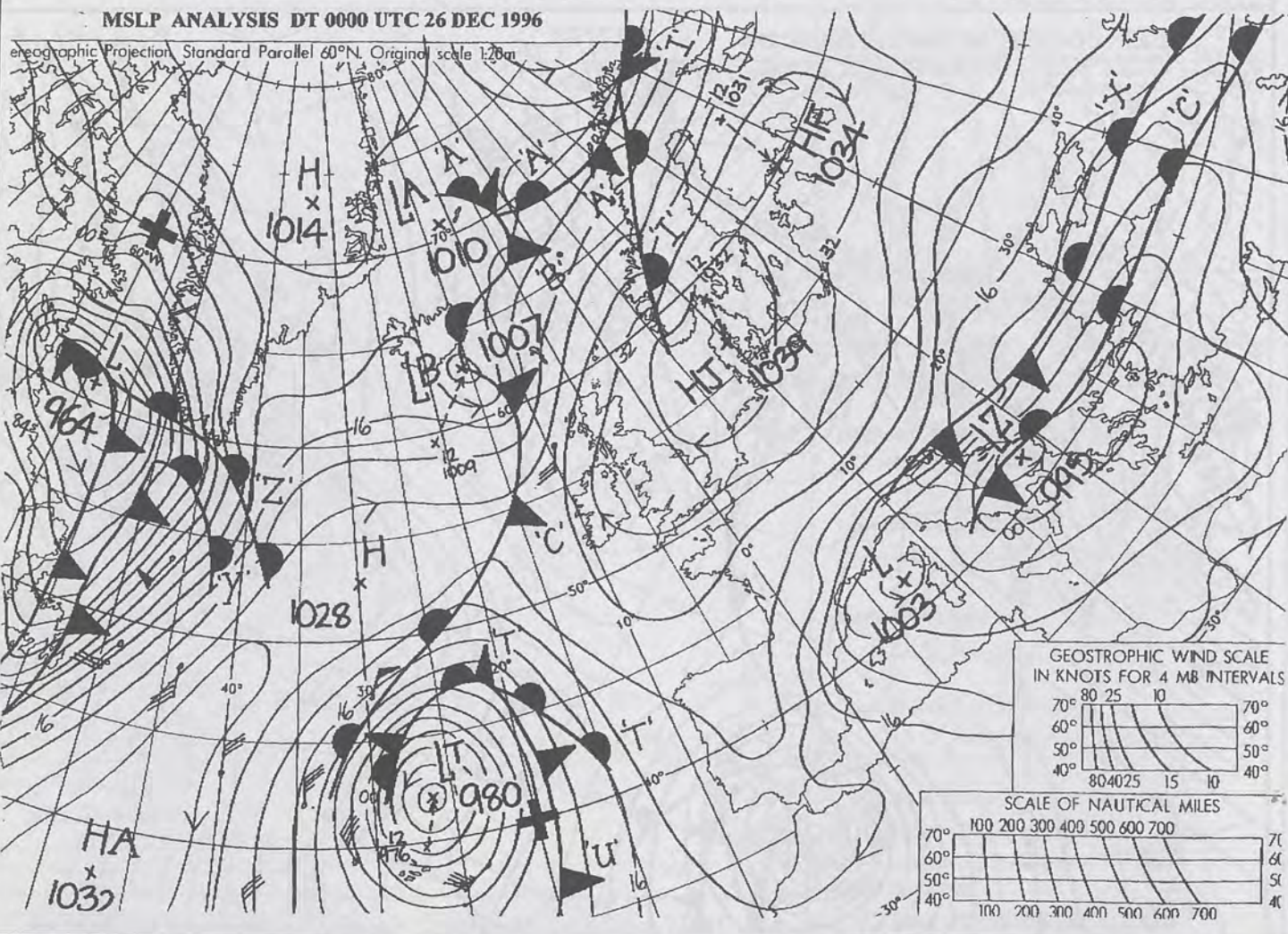


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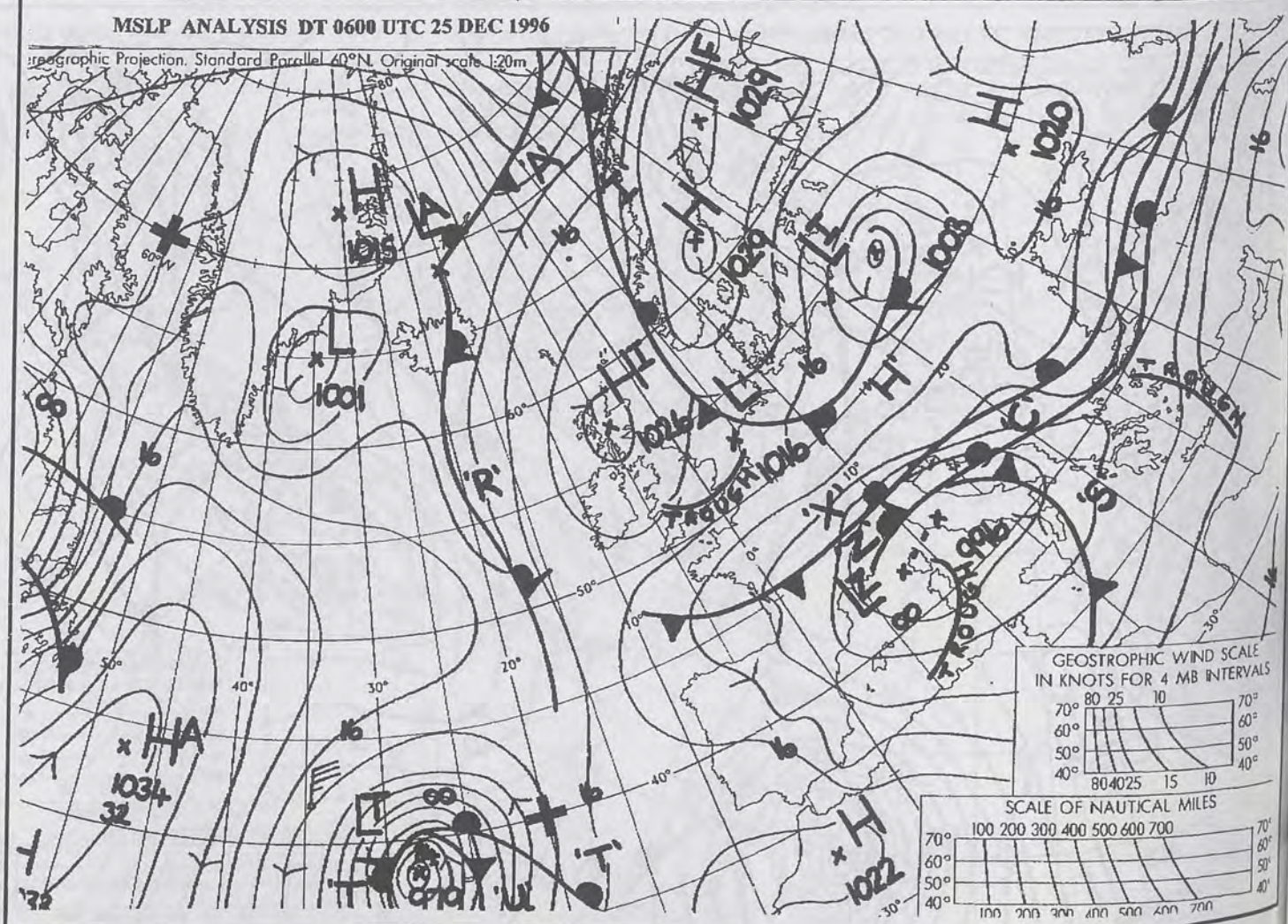
MSLP ANALYSIS DT 0000 UTC 26 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:200m



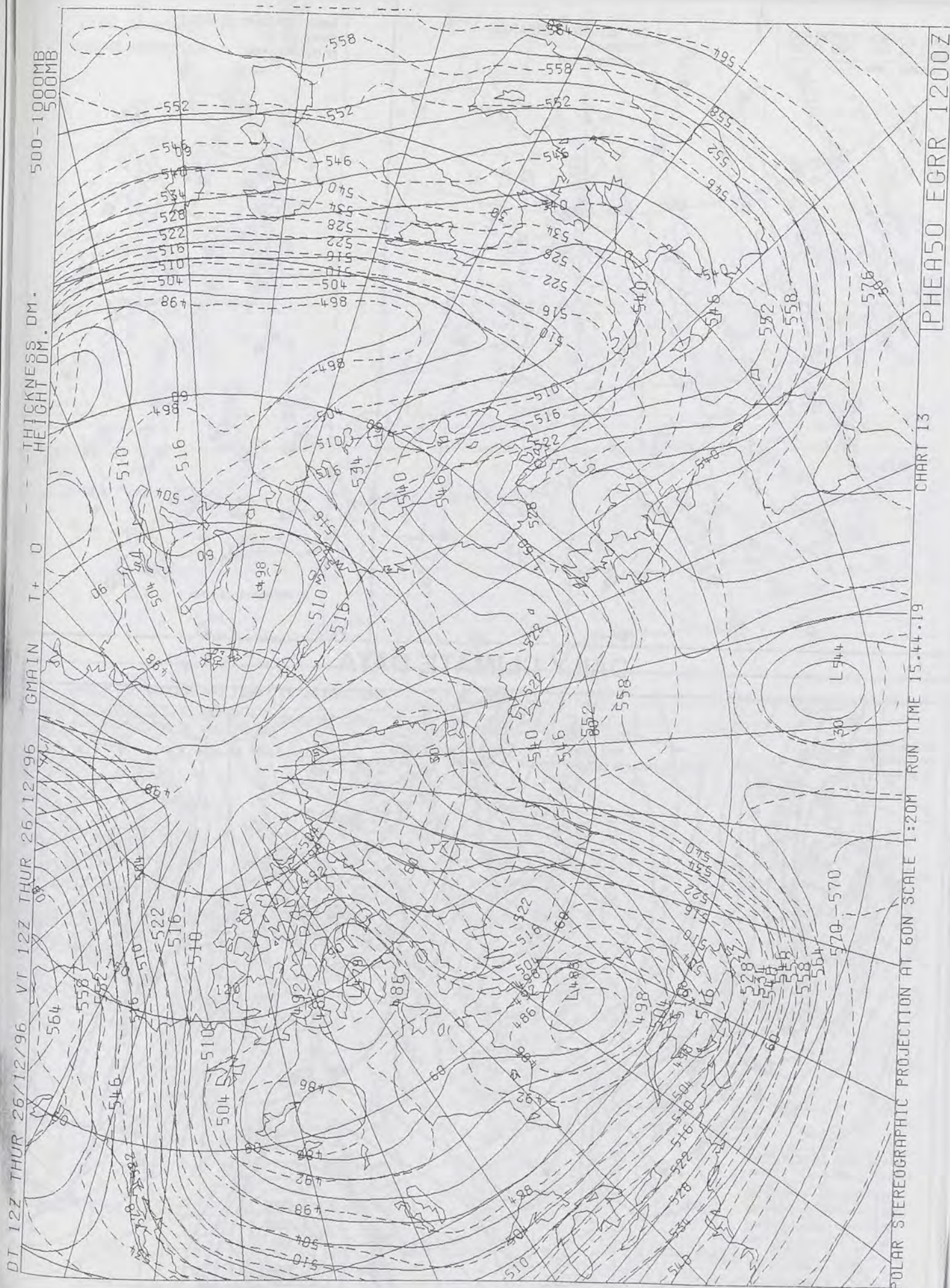
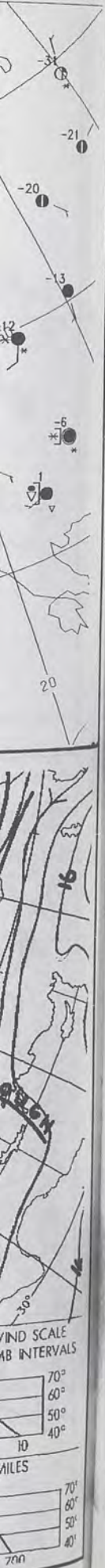
MSLP ANALYSIS DT 0600 UTC 25 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:200m





25 DEC 1991



The Met. Office

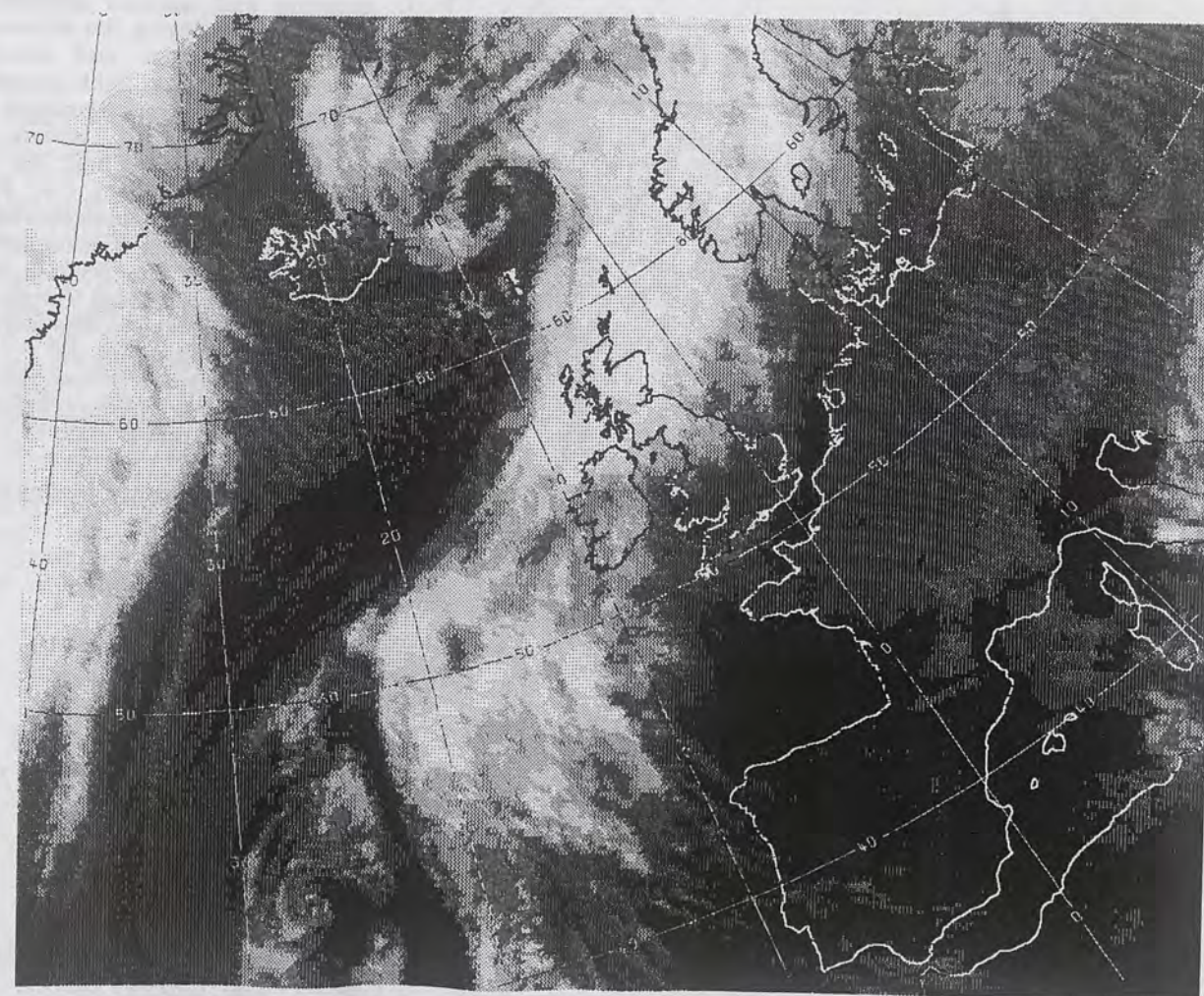
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Thursday  
26th December  
1996

NATIONAL  
METEOROLOGICAL  
13 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 26/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE

COLD WARM



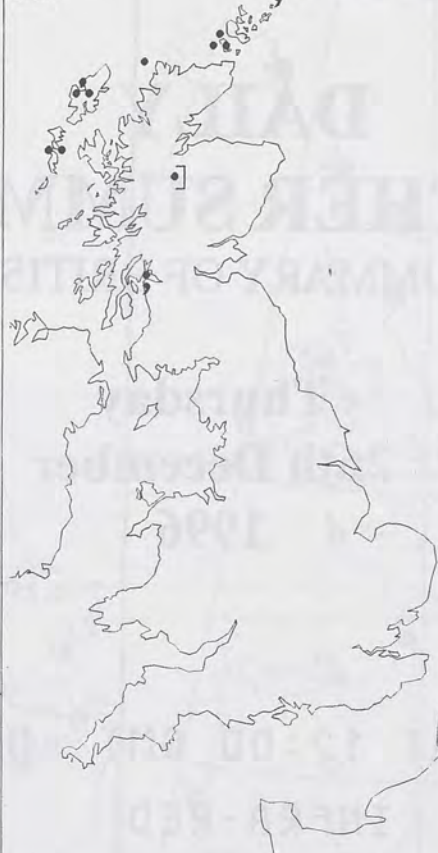
0600 26 DECEMBER 1996

SIGWX



1200 26 DECEMBER 1996

SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 26 DECEMBER 1996

SIGWX



2400 26 DECEMBER 1996

SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Thursday 26th December 1996

Overnight most of England and Wales had clear skies but there was some patchy cloud across the southeast and a few freezing fog patches in the west Midlands. Northern Ireland was generally dry and cloudy. Much of Scotland was also dry but there were some showers in Shetland and near western coasts.

England and Wales started the day dry and in many places sunny. Cloud increased in the north and west during the morning and thin high cloud spread to most southern and eastern areas by dusk. Rain reached the Isle of Man, northernmost counties of England and west Wales in the evening. Over northeast England snow was reported with a covering of a centimetre or so in Northumberland and north Yorkshire by late evening and some light snow was reported as far south as Shropshire by midnight.

Through the day Northern Ireland stayed cloudy although it was dry until around dusk when rain spread from the northwest. Scotland also had a cloudy day. Rain spread into western and northern parts during the morning and reached southern and eastern areas during the afternoon. In the Borders sleet and snow was reported giving a light covering in places by evening. Northern parts turned clearer with showers, those being of rain, snow or hail.

It was cold or very cold generally with temperatures below freezing all day in parts of Wales, the Scottish Borders and northern England. Temperatures were near normal in the north and west of Scotland.

## EXTREMES

### THURSDAY 26th DECEMBER 1996

#### Highest Maximum

: 8.2 C Isles of Scilly

#### Lowest Maximum

: -1.1 C Shap [ Cumbria ]

#### Lowest Minimum

: -8.4 C Birmingham

#### Lowest Grass Minimum

: -14.0 C Birmingham

#### Most Rain (24 hrs from 0900 GMT)

: 17.9mm Lerwick [ Shetland ]

#### Most Sunshine

: 7.9 hrs Jersey / St Helier

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
26 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
26 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
26 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
26 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
26 DECEMBER 1996

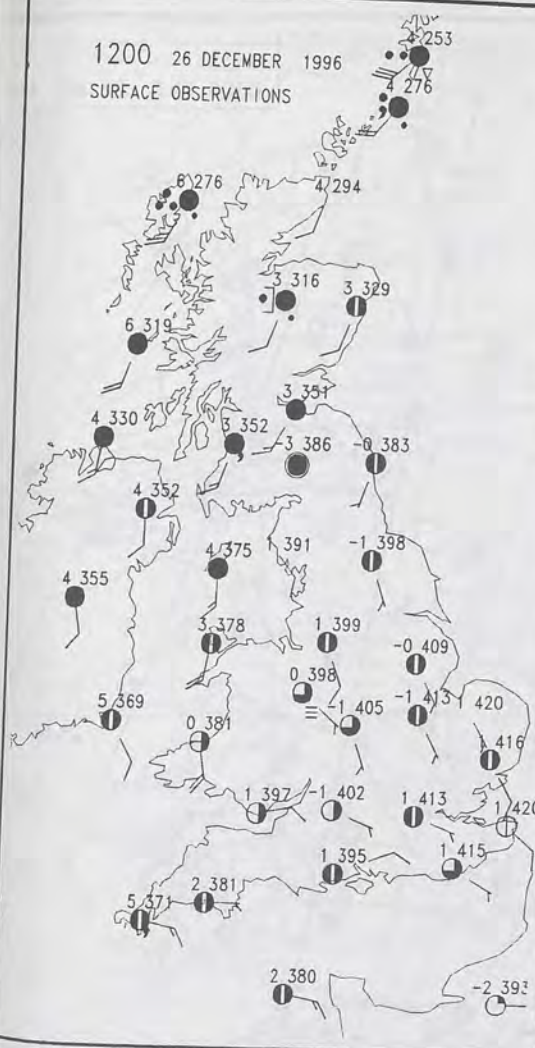


26 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)





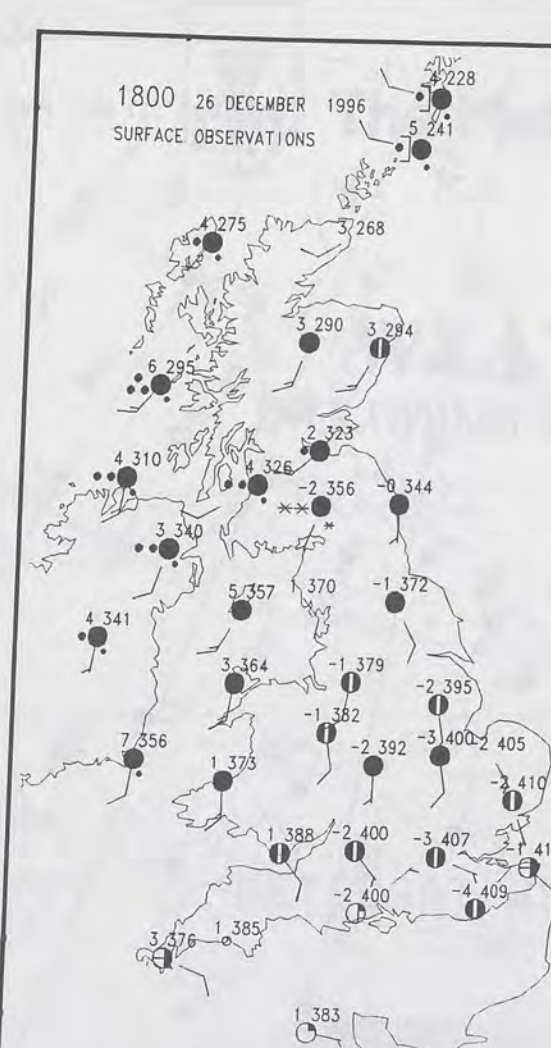
1200 26 DECEMBER 1996  
SURFACE OBSERVATIONS



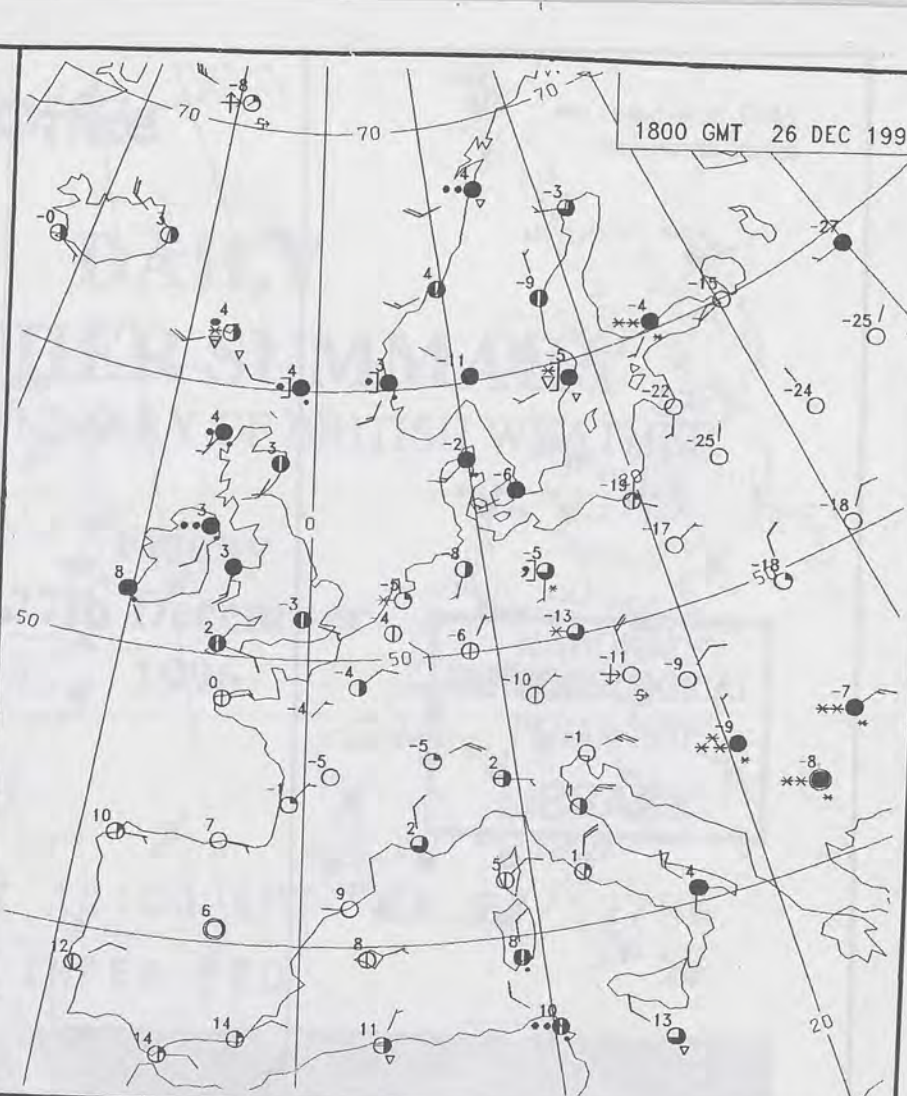
1200 GMT 26 DEC 1996



1800 26 DECEMBER 1996  
SURFACE OBSERVATIONS

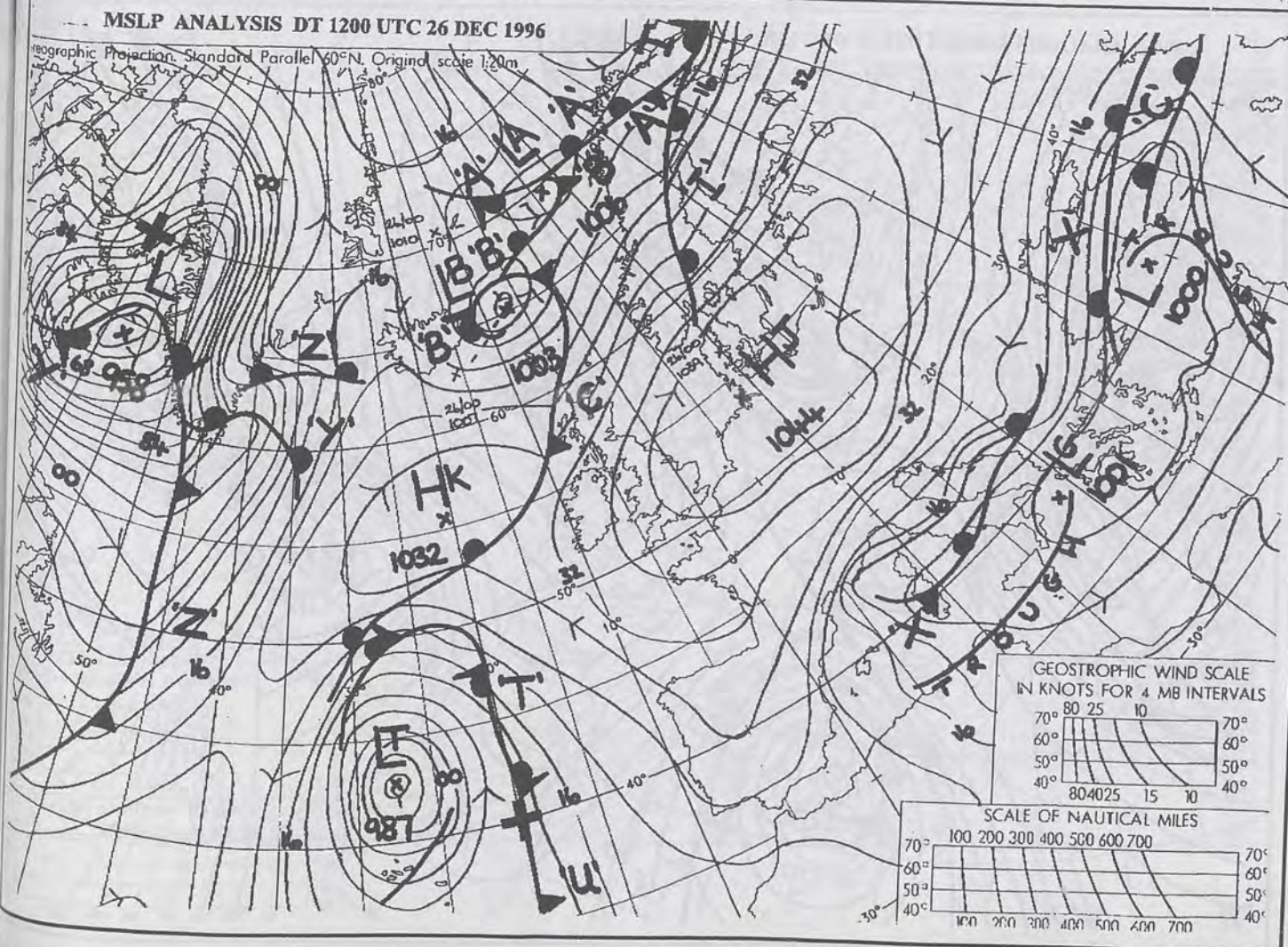


1800 GMT 26 DEC 1996



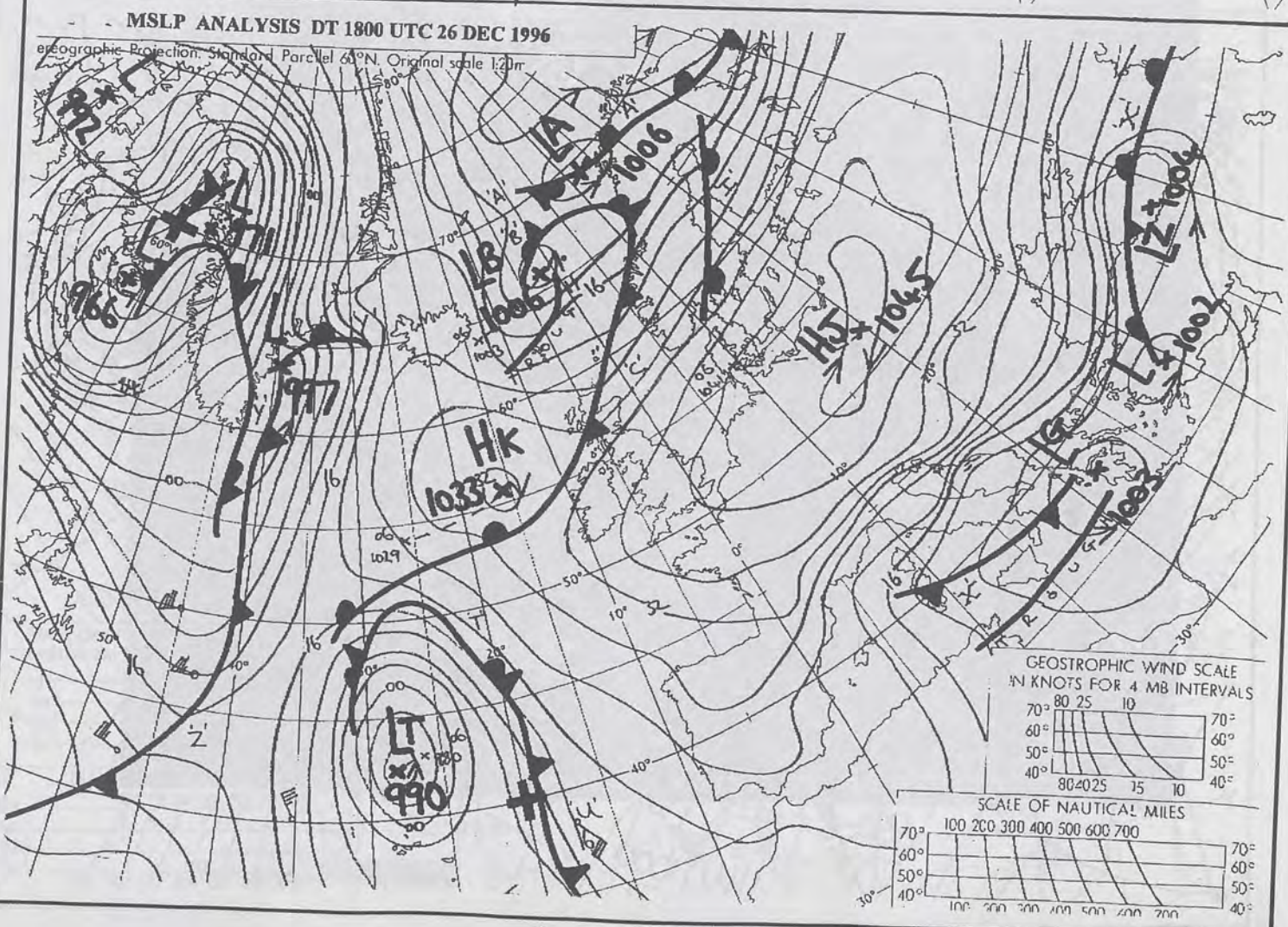
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Geographic Projection. Standard Parallel 60°N. Original scale 1:20m



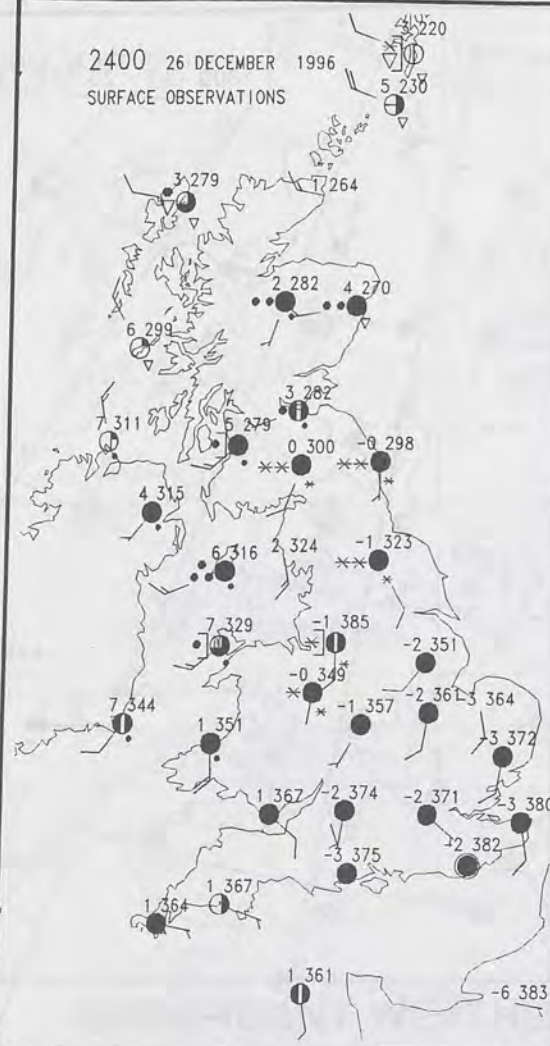
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Geographic Projection, Standard Parallel 60°N. Original scale 1:200,000

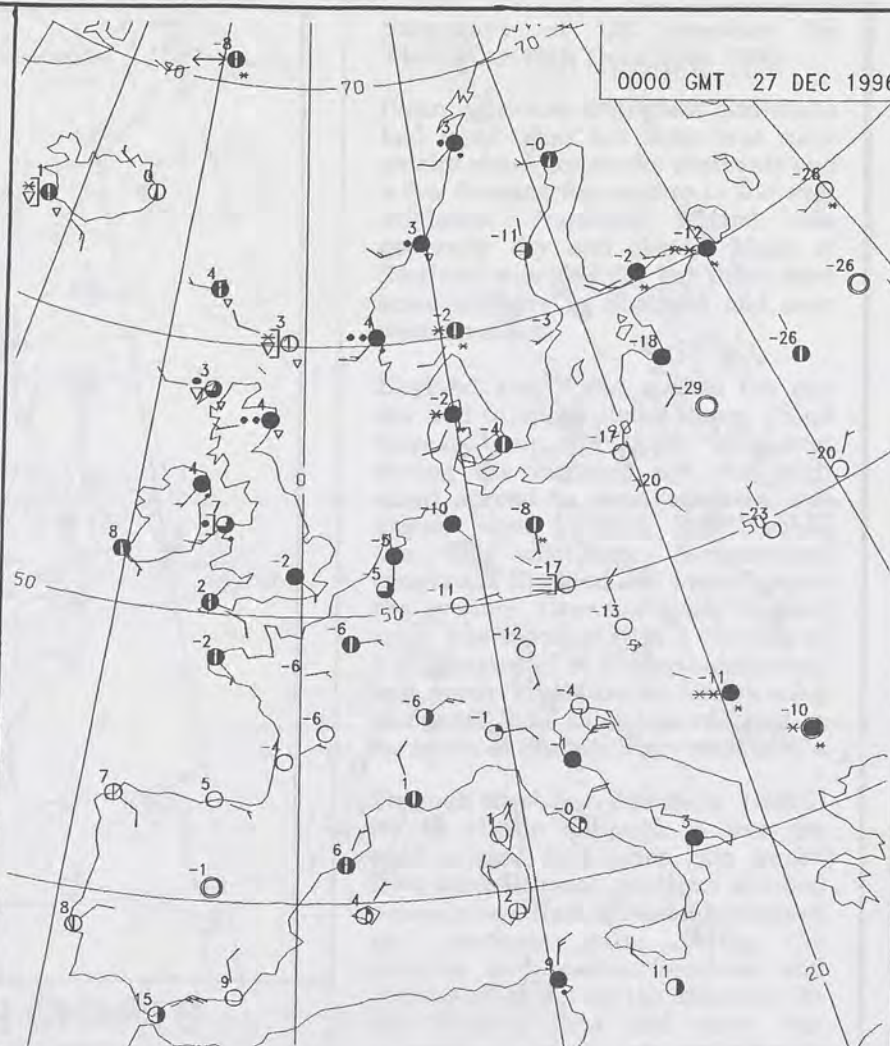




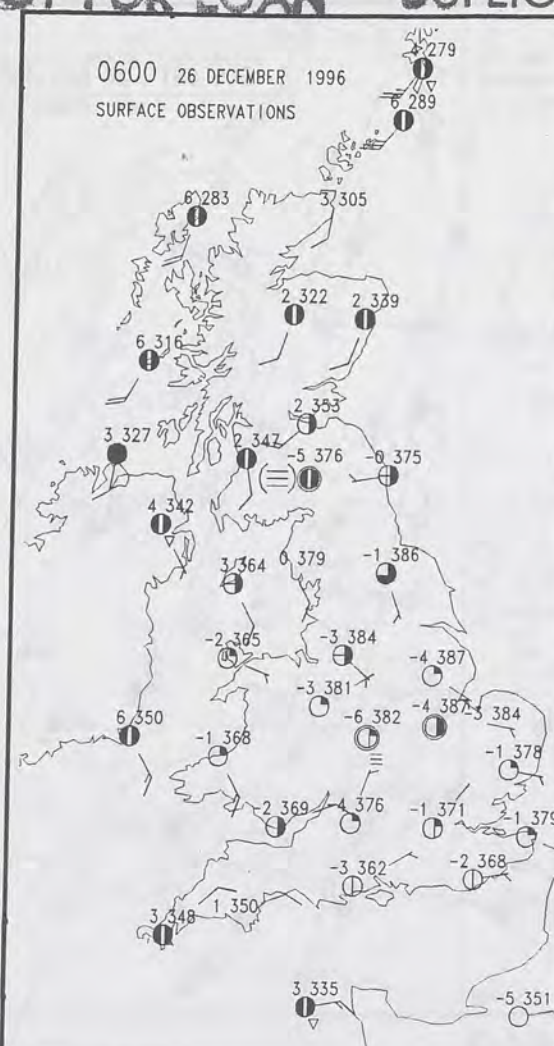
2400 26 DECEMBER 1996  
SURFACE OBSERVATIONS



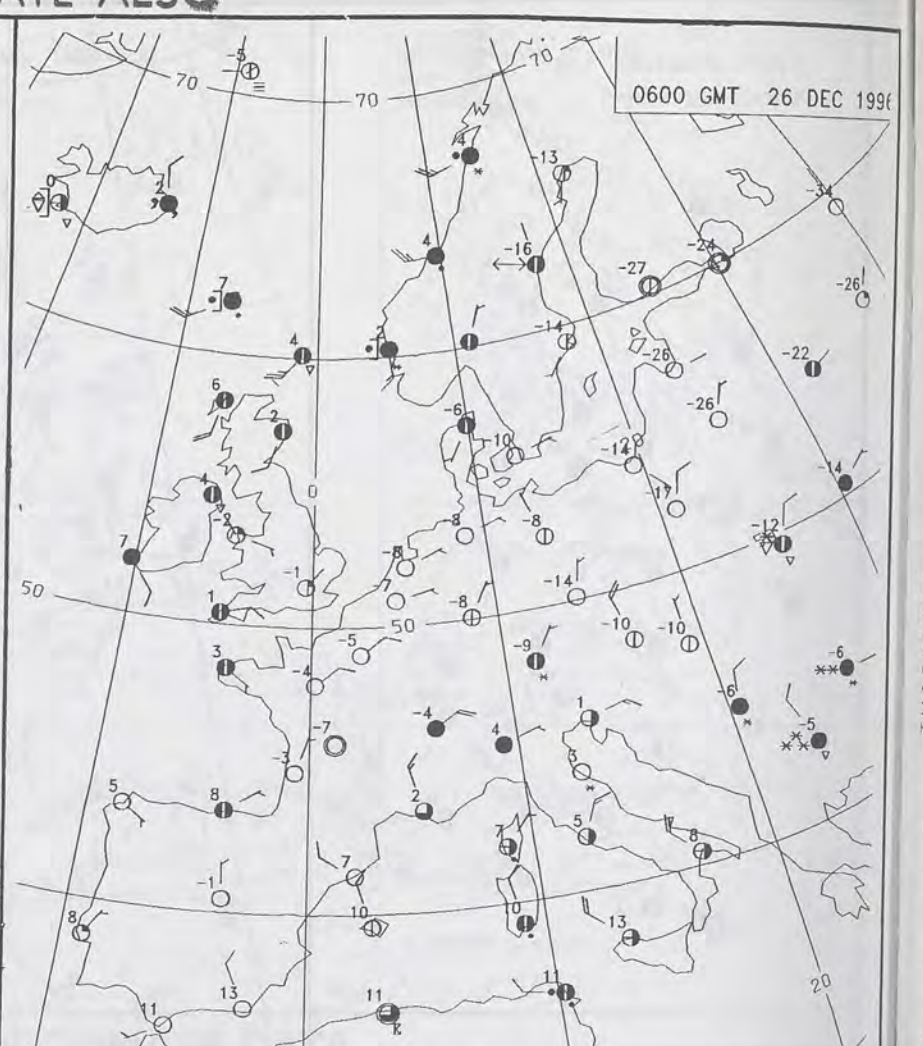
0000 GMT 27 DEC 1996



0600 26 DECEMBER 1996  
SURFACE OBSERVATIONS

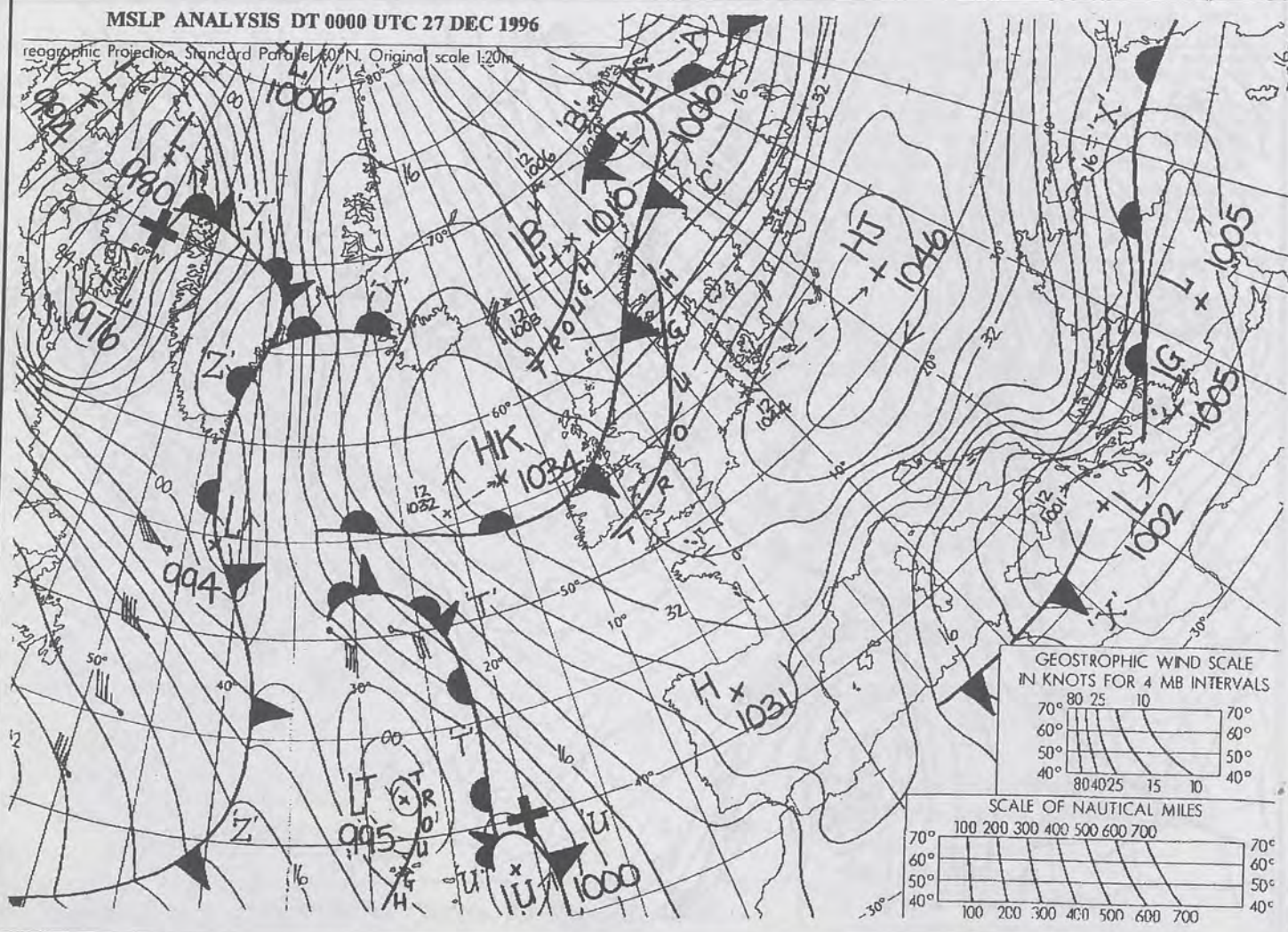


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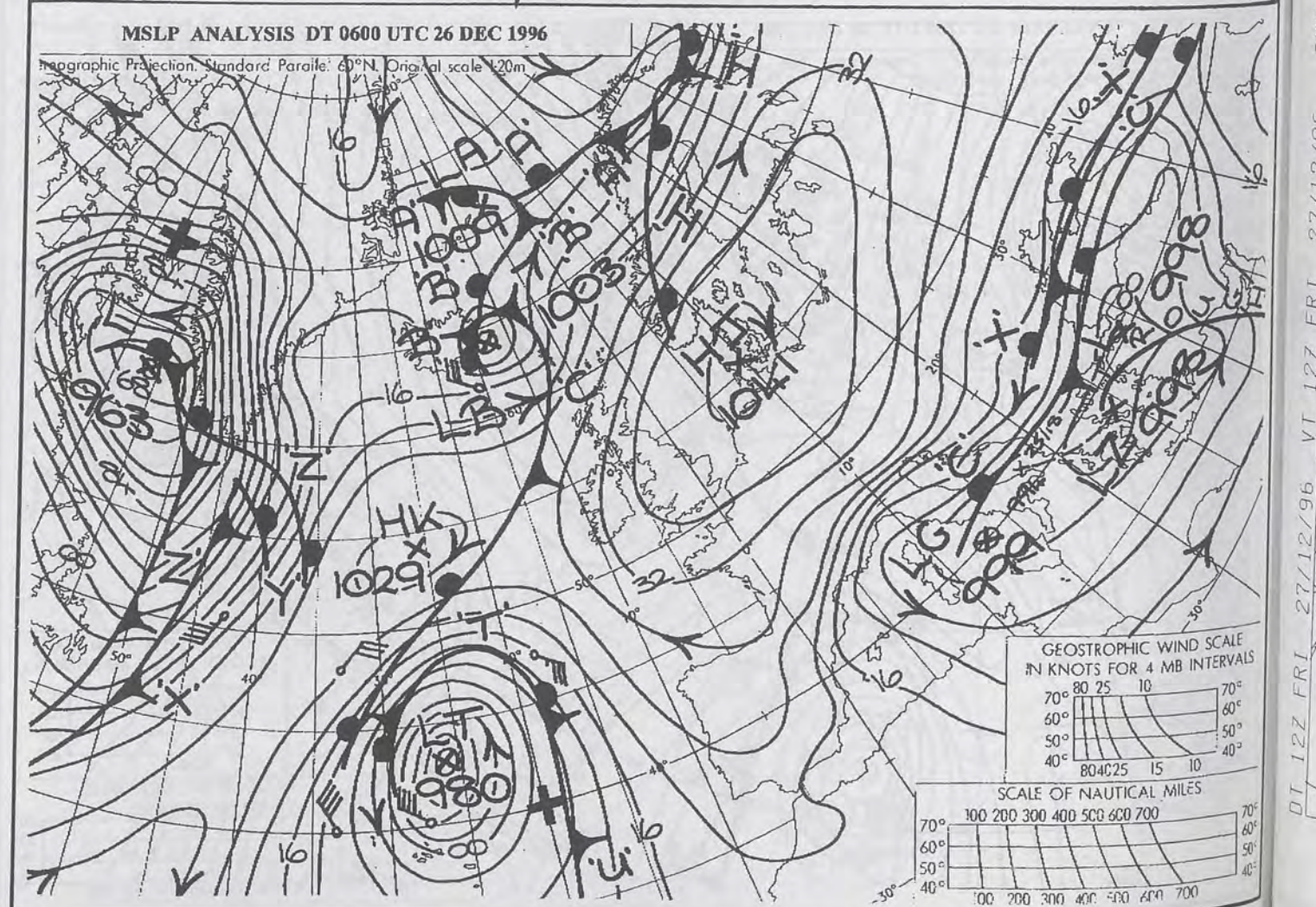
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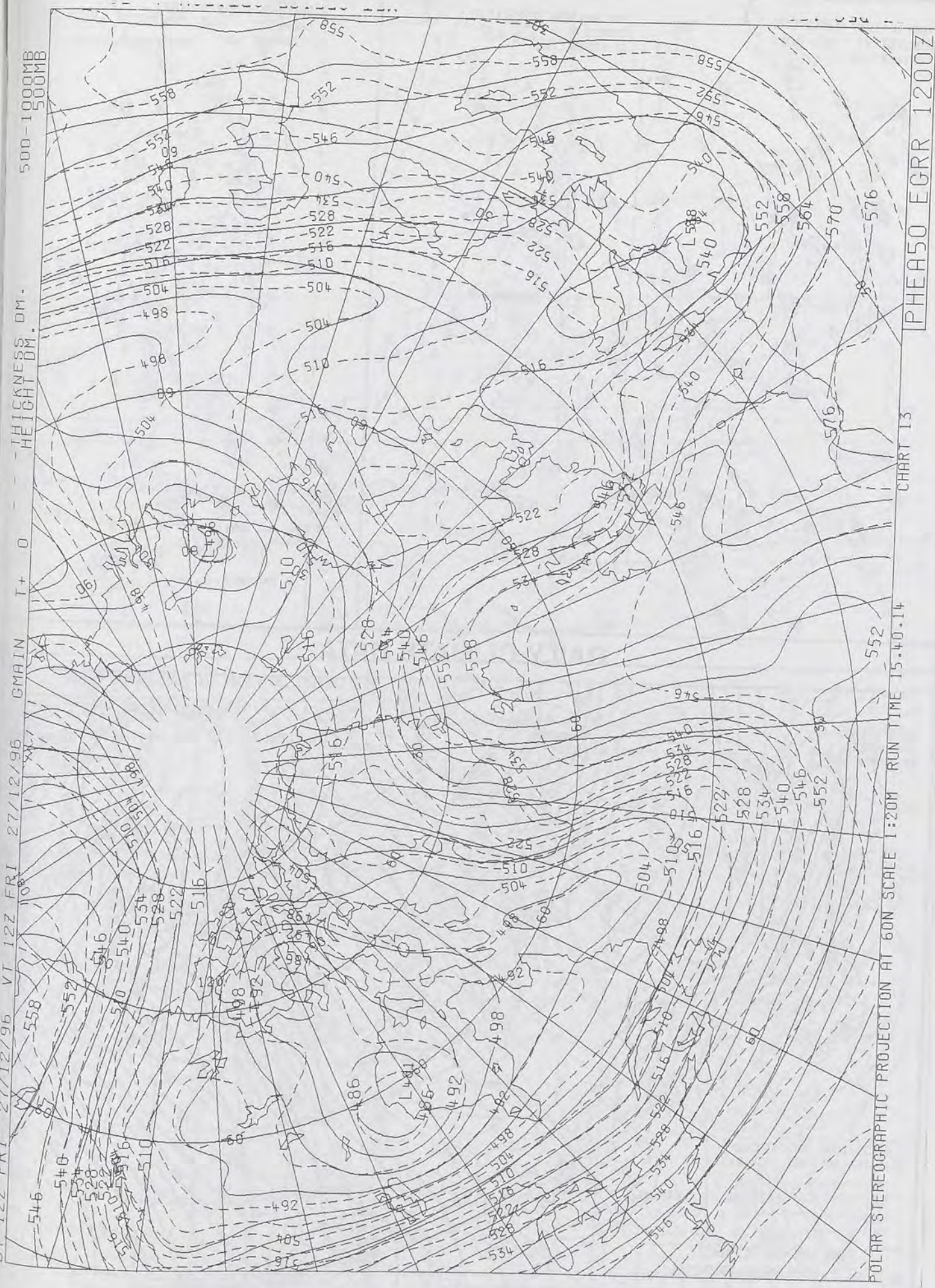
MSLP ANALYSIS DT 0600 UTC 26 DEC 1996

Geographic Projection, Standard Parallel: 60°N, Original scale 1:20m





26 DEC 1996



The Met. Office

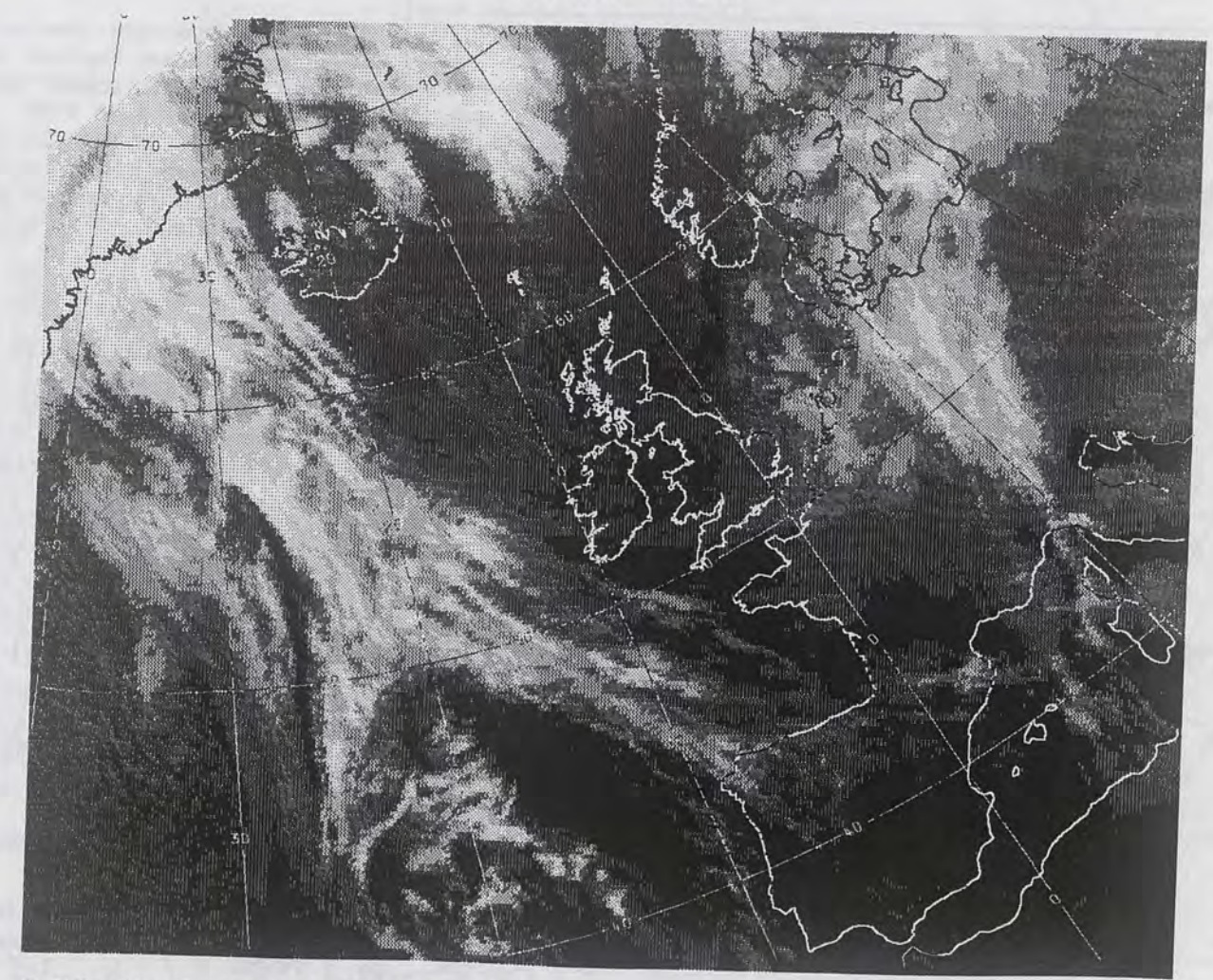
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Friday  
27th December  
1996

NATIONAL  
METEOROLOGICAL  
13 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 27/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE  
COLD WARM



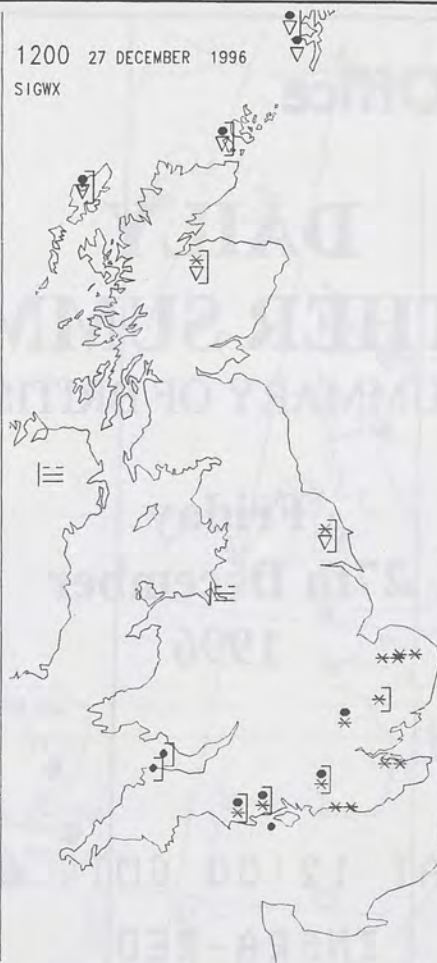
0600 27 DECEMBER 1996

SIGWX



1200 27 DECEMBER 1996

SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 27 DECEMBER 1996

SIGWX



2400 27 DECEMBER 1996

SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Friday 27th December 1996

The day started with rain in eastern and southern Scotland at lower levels, while in northern England and the west Midlands it fell as snow. Elsewhere mostly cloudy but dry. Scotland became mostly dry well before dawn and northern England by dawn, as the snow sneaked south into south Wales, the Midlands and East Anglia.

The later part of the morning saw showers breaking out in northern Scotland, while the snow had reached the Channel coast east of the Isle of Wight.

The snow died out during the early afternoon, persisting longest in east Essex and Kent. The showers continued in eastern Scotland and started to pepper eastern England north of The Wash.

The evening saw rain, sleet or snow return to southeast England, as the showers continued across northern England.

Temperatures varied from very cold in southeast England to normal in parts of western Scotland.

## EXTREMES

## FRIDAY 27th DECEMBER 1996

**Highest Maximum**  
: 8.1 C Cardiff

**Lowest Maximum**  
: 0.4 C Carlisle [Cumbria]

**Lowest Minimum**  
: -4.7 C Bracknell [Berkshire]

**Lowest Grass Minimum**  
: -8.7 C Gatwick Airport [Surrey]

**Most Rain (24 hrs from 0900 GMT)**  
: 5.6mm Leconfield [Humberside]

**Most Sunshine**  
: 7.2 hrs Southport [Merseyside]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
27 DECEMBER 1996DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
27 DECEMBER 1996SUNSHINE (DAWN TO DUSK)  
(HOURS)  
27 DECEMBER 1996

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
27 DECEMBER 1996DAY RAINFALL  
(MILLIMETRES)  
27 DECEMBER 199627 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)



1200 27 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 27 DEC 1996

1800 27 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 27 DEC 1996

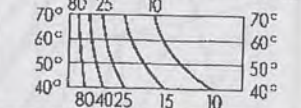
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Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

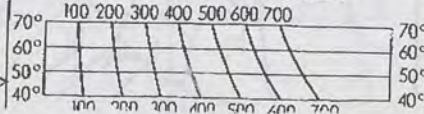
MSLP ANALYSIS DT 1800 UTC 27 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

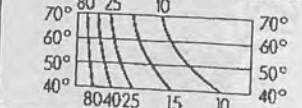
GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



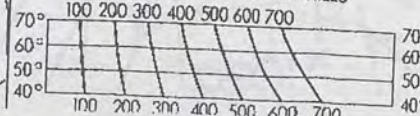
SCALE OF NAUTICAL MILES



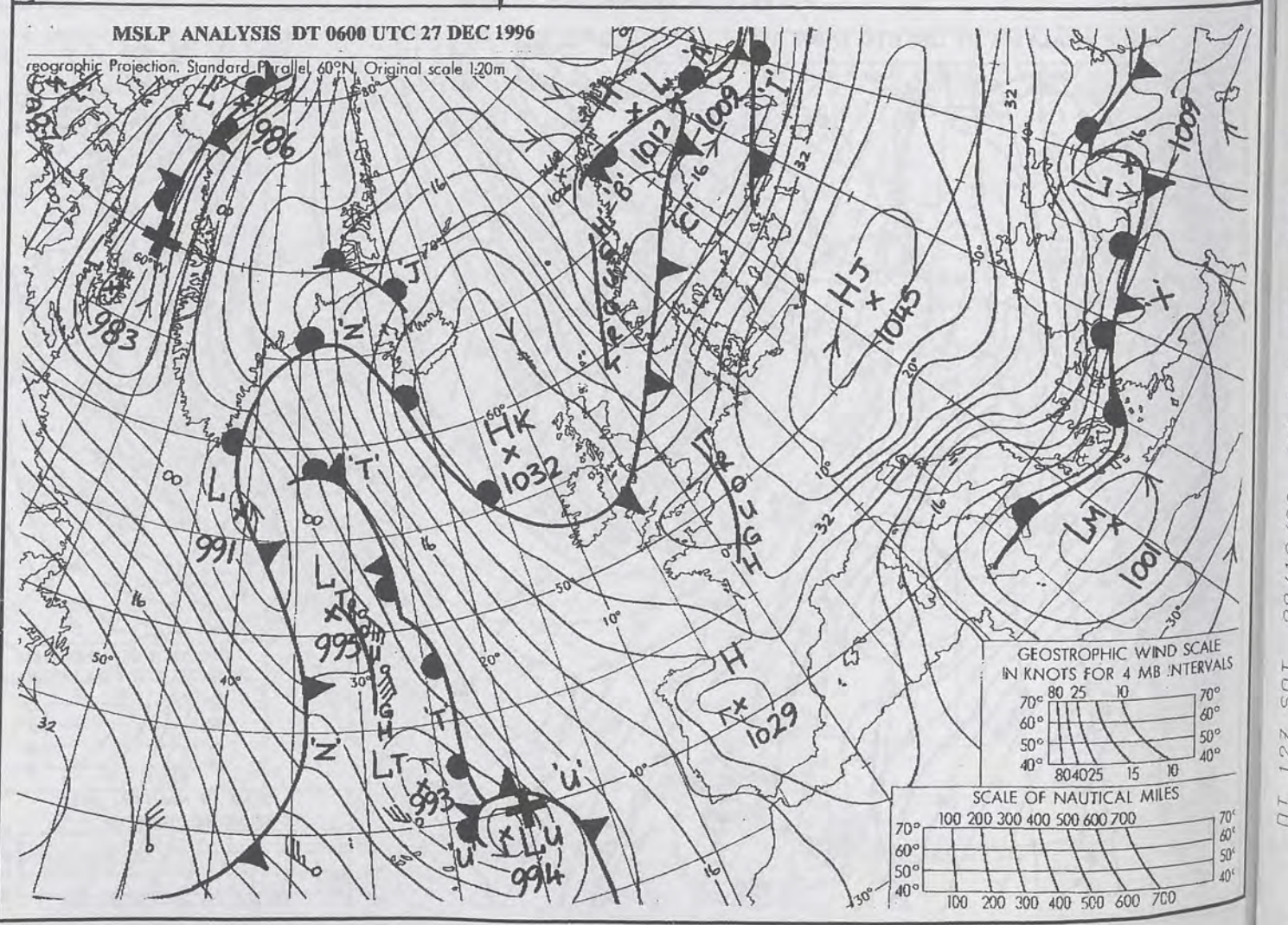
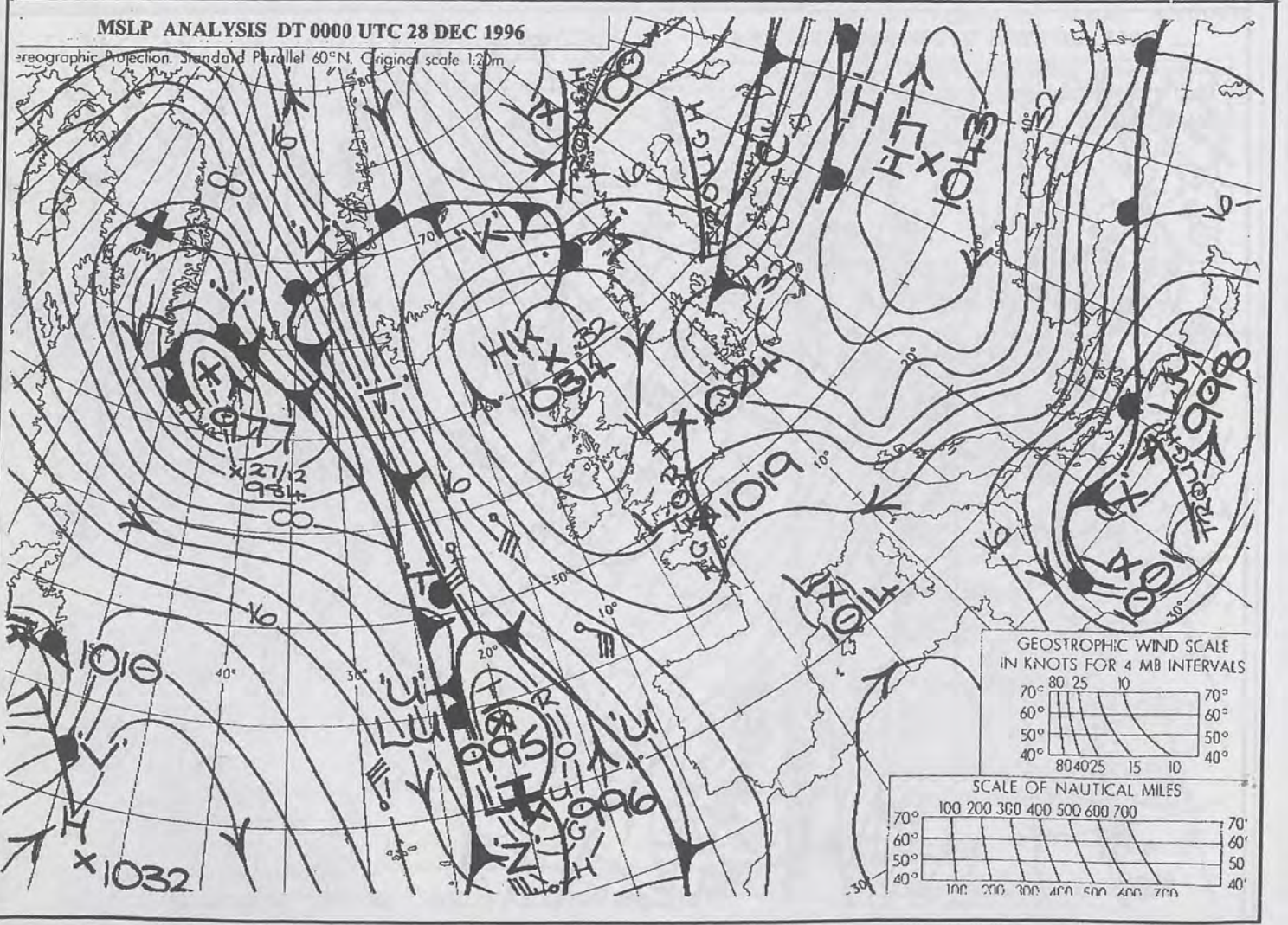
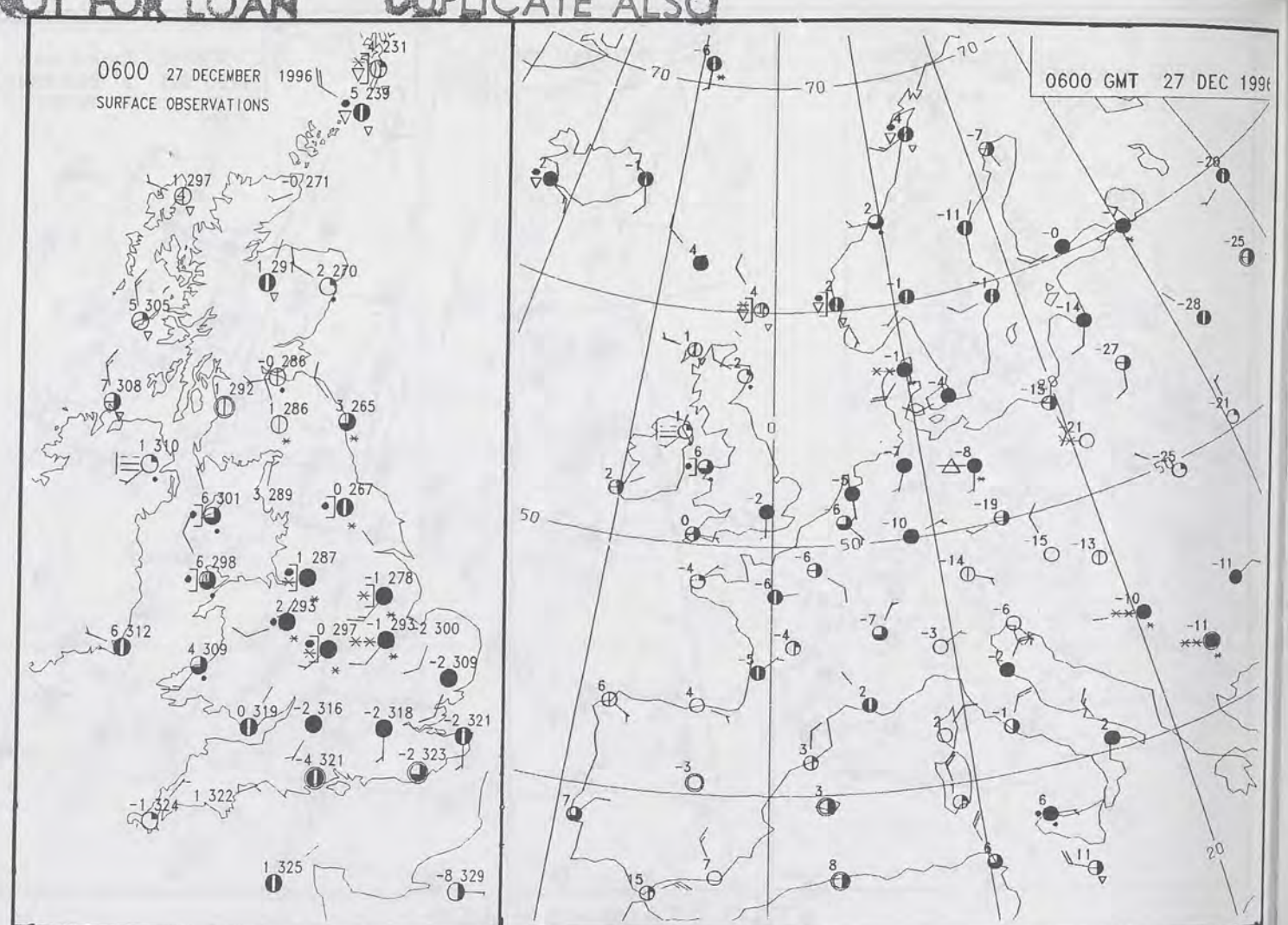
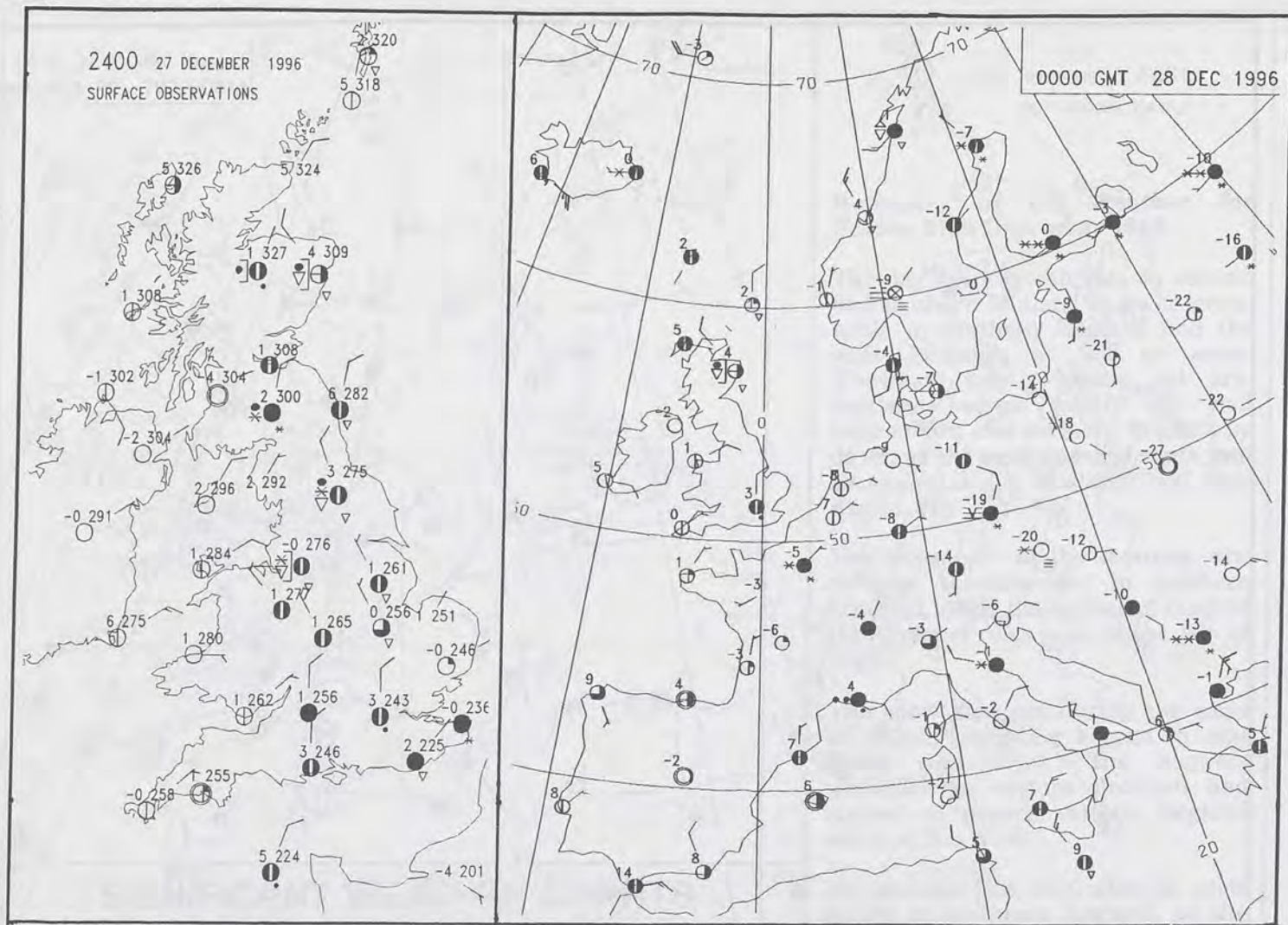
GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



SCALE OF NAUTICAL MILES

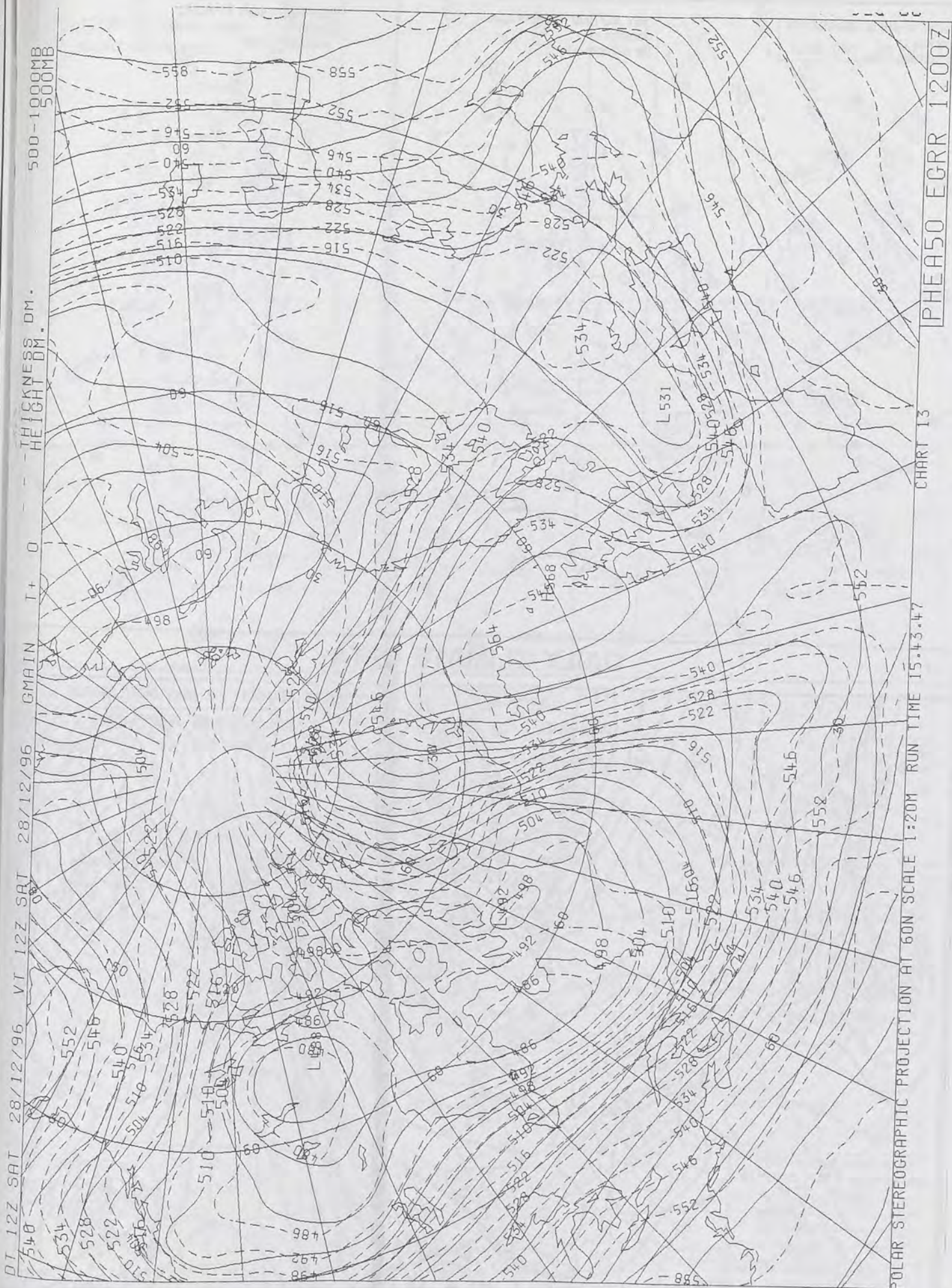






500-1000MB  
HEIGHT DM.  
T+0  
GMAIN  
28/12/96  
VI 12Z SAT  
DT 12Z SAT





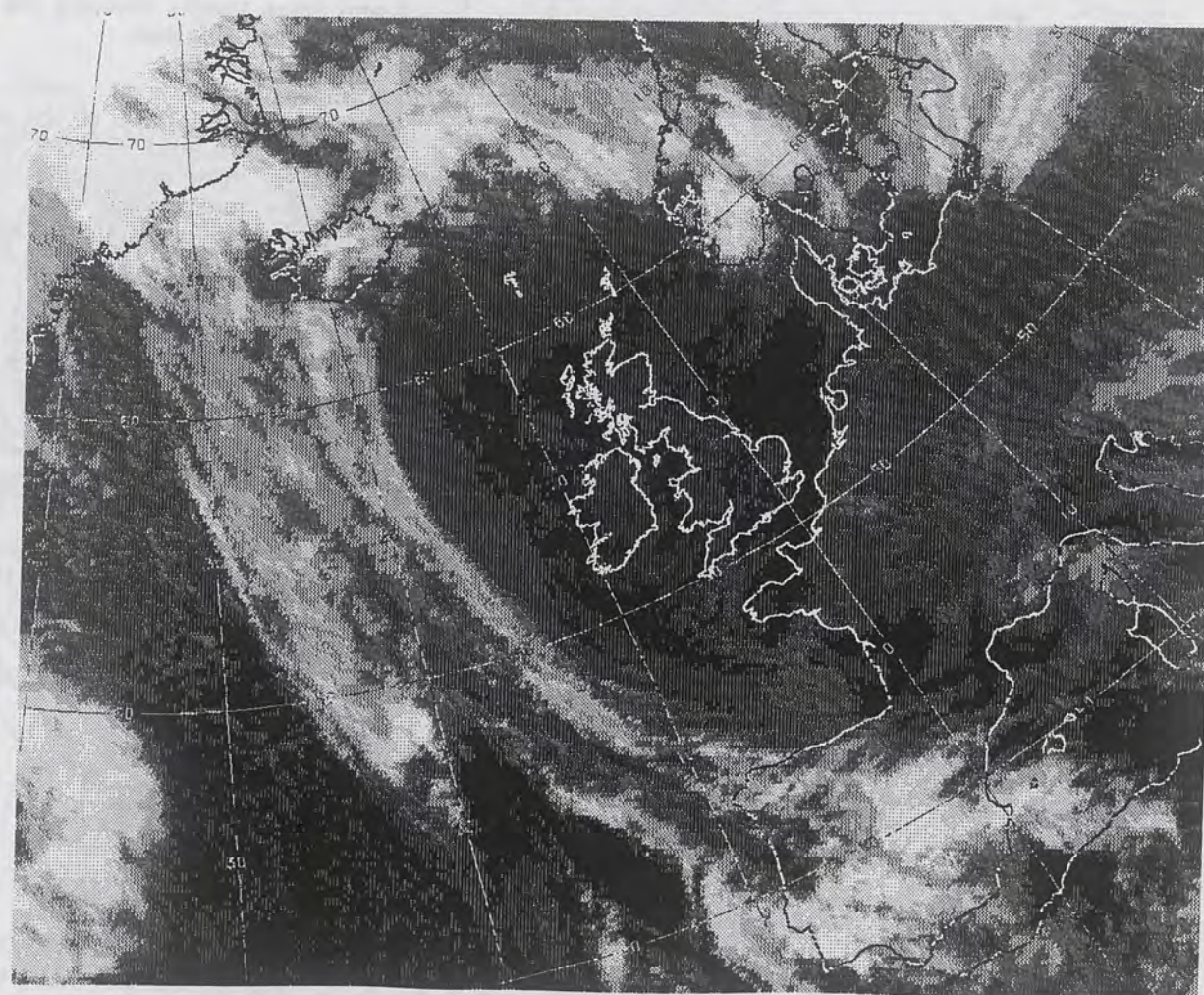
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

**Saturday  
28th December  
1996**

**NATIONAL  
METEOROLOGICAL  
LIBRARY**  
13 JAN 1997

METEOSAT AT 12:00 GMT ON 28/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE

COLD  WARM



0600 28 DECEMBER 1996

SIGWX



1200 28 DECEMBER 1996

SIGWX



### Summary of UK weather for Saturday 28th December 1996

There was quite a lot of cloud in places at the start of the day with some sleet and snow showers in central and eastern areas. This cloud had mostly cleared away before the sun came up. Much of England and Wales then had a dry and sunny day, but southern areas felt bitterly cold in a raw northeasterly wind. However, northeastern England continued to be plagued by wintry showers.

Western Scotland and northern Ireland had some good sunny spells, but eastern Scotland was rather more cloudy with showers, most of which were of rain.

After dark there was a fair amount of cloud over Scotland and northern Ireland, but the rest of the country was clear with a frost soon forming and some patchy freezing fog in the far north of England.

Temperatures were well below average across most of the country, but southern and western Scotland, northern England and northern Ireland had close to average temperatures for the time of year.

### SIGNIFICANT WEATHER CHARTS

1800 28 DECEMBER 1996

SIGWX



2400 28 DECEMBER 1996

SIGWX



### EXTREMES

#### SATURDAY 28th DECEMBER 1996

##### Highest Maximum

: 7.1 C Aultbea [ Northwest Highland ]

##### Lowest Maximum

: 0.3 C Little Rissington / Cotswolds

##### Lowest Minimum

: -7.0 C Glasgow City

##### Lowest Grass Minimum

: -10.6 C Glasgow City

##### Most Rain (24 hrs from 0900 GMT)

: 2.3mm Rackwick [ Orkney ]

##### Most Sunshine

: 7.4 hrs Margate [ Kent ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
28 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
28 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
28 DECEMBER 1996



X INDICATES 0.1-0.4 HRS

### DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
28 DECEMBER 1996



X INDICATES TRACE TO 0.4 MM

DAY RAINFALL  
(MILLIMETRES)  
28 DECEMBER 1996



X INDICATES TRACE TO 0.4 MM

28 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GWT)  
(CENTIMETRES)



X INDICATES TRACE TO 0.4 CM

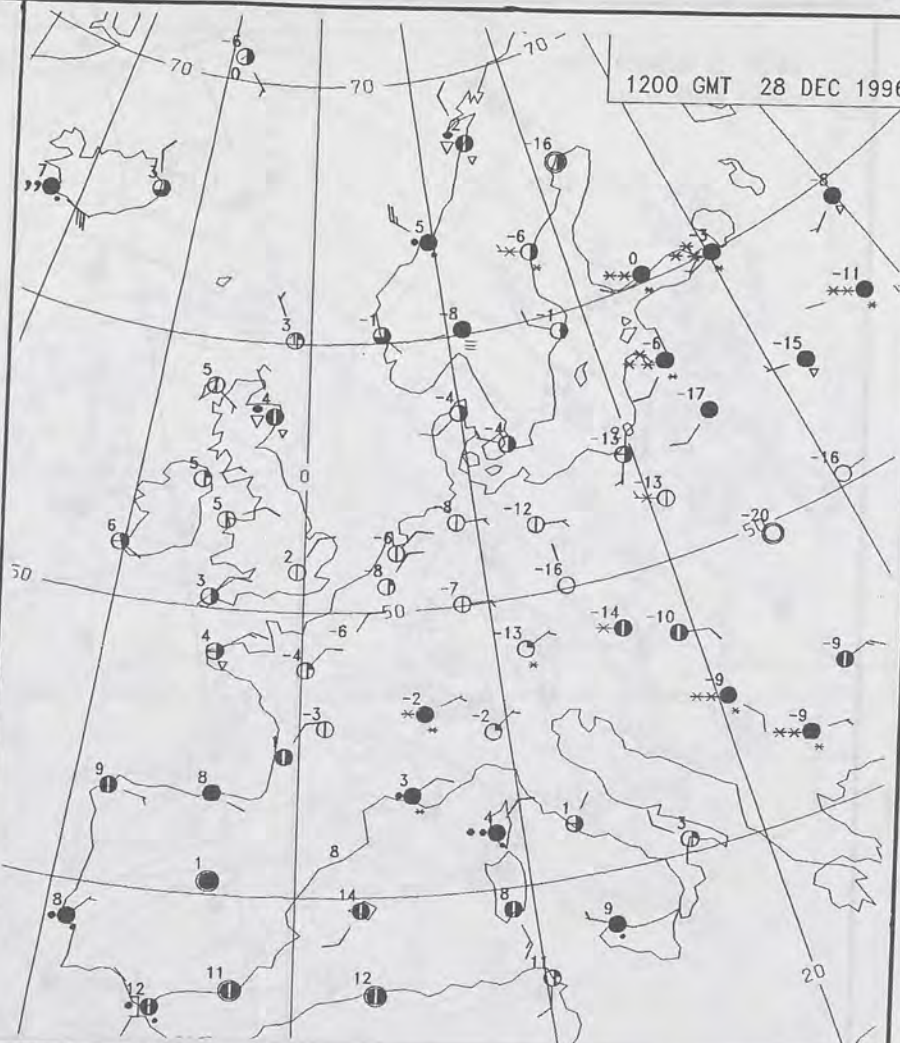


1200 28 DECEMBER 1996  
SURFACE OBSERVATIONS

## SURFACE OBSERVATIONS



1200 GMT 28 DEC 1996

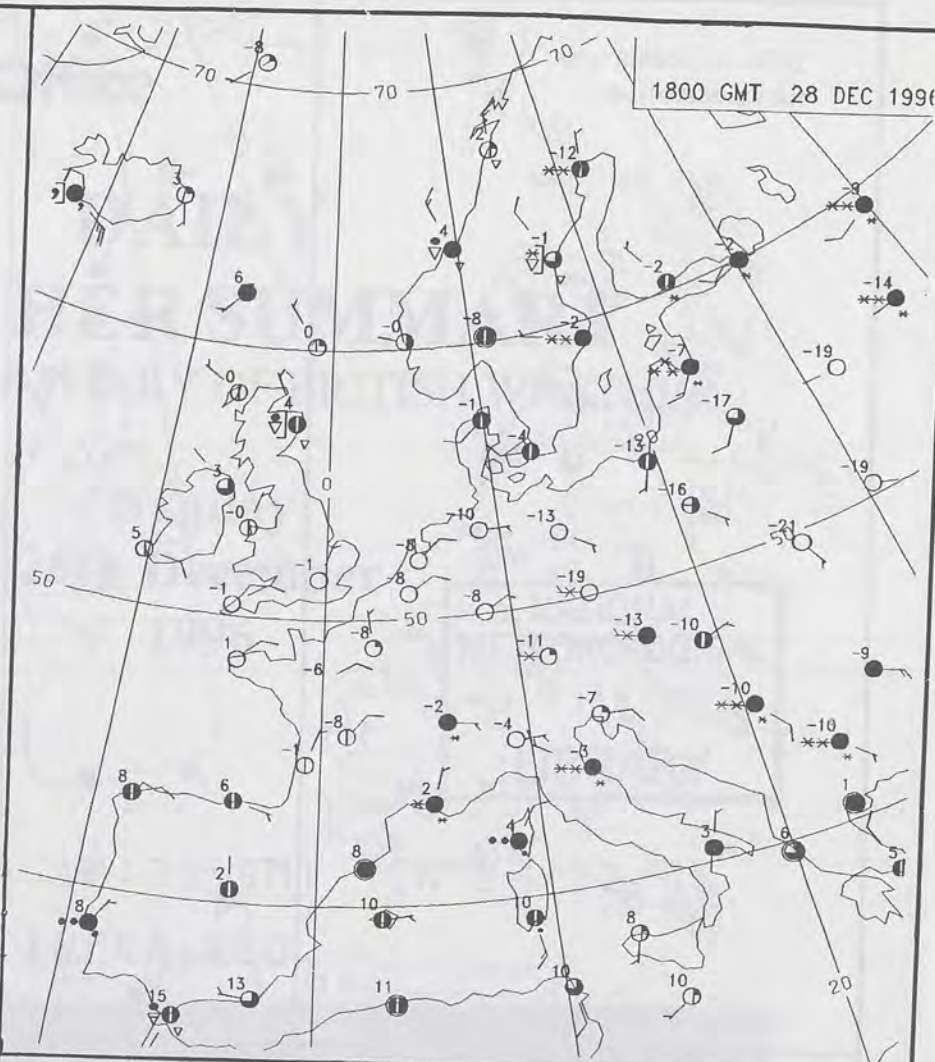


1800 28 DECEMBER 1996

## SURFACE OBSERVATIONS

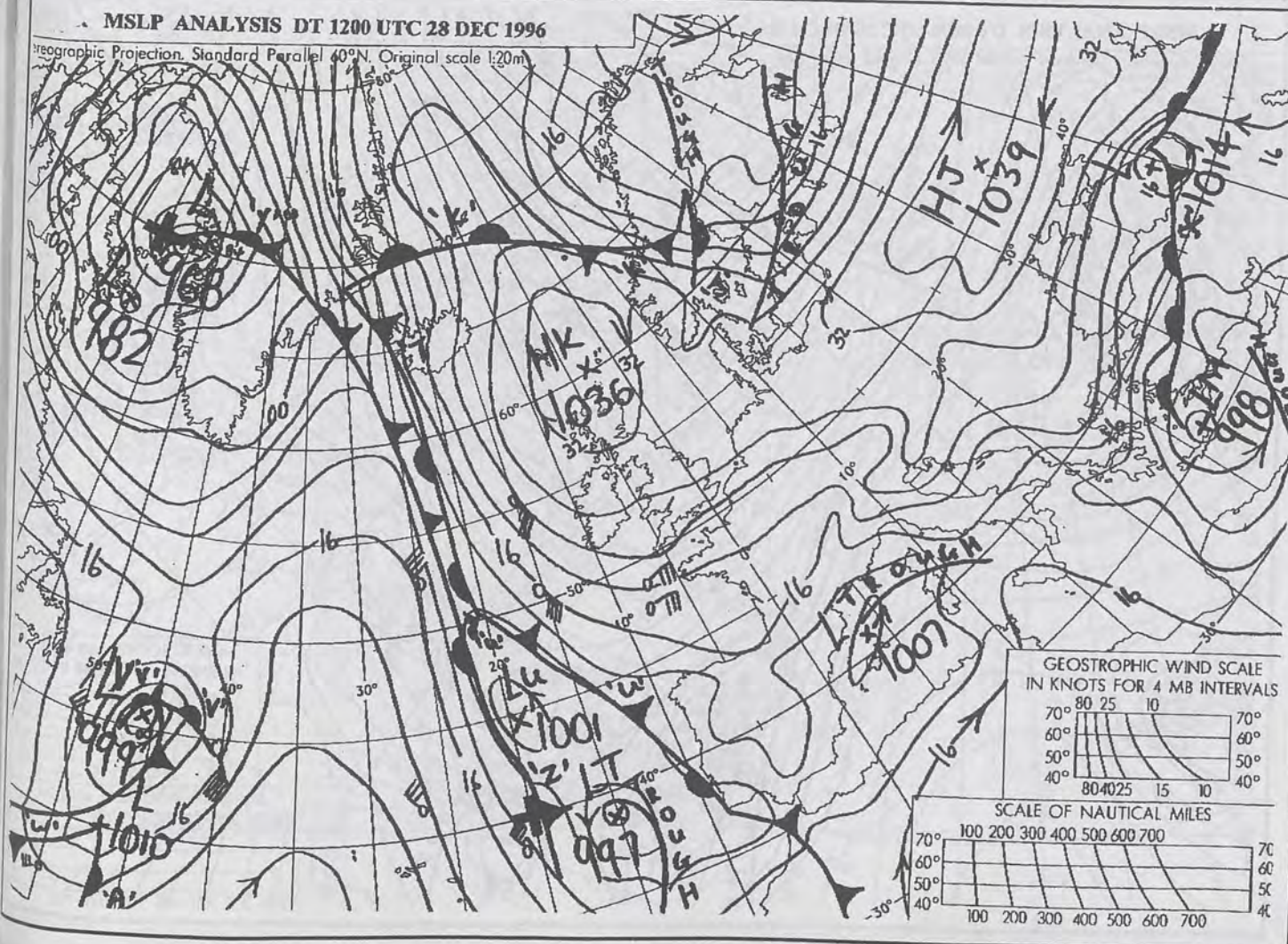


1800 GMT 28 DEC 1990



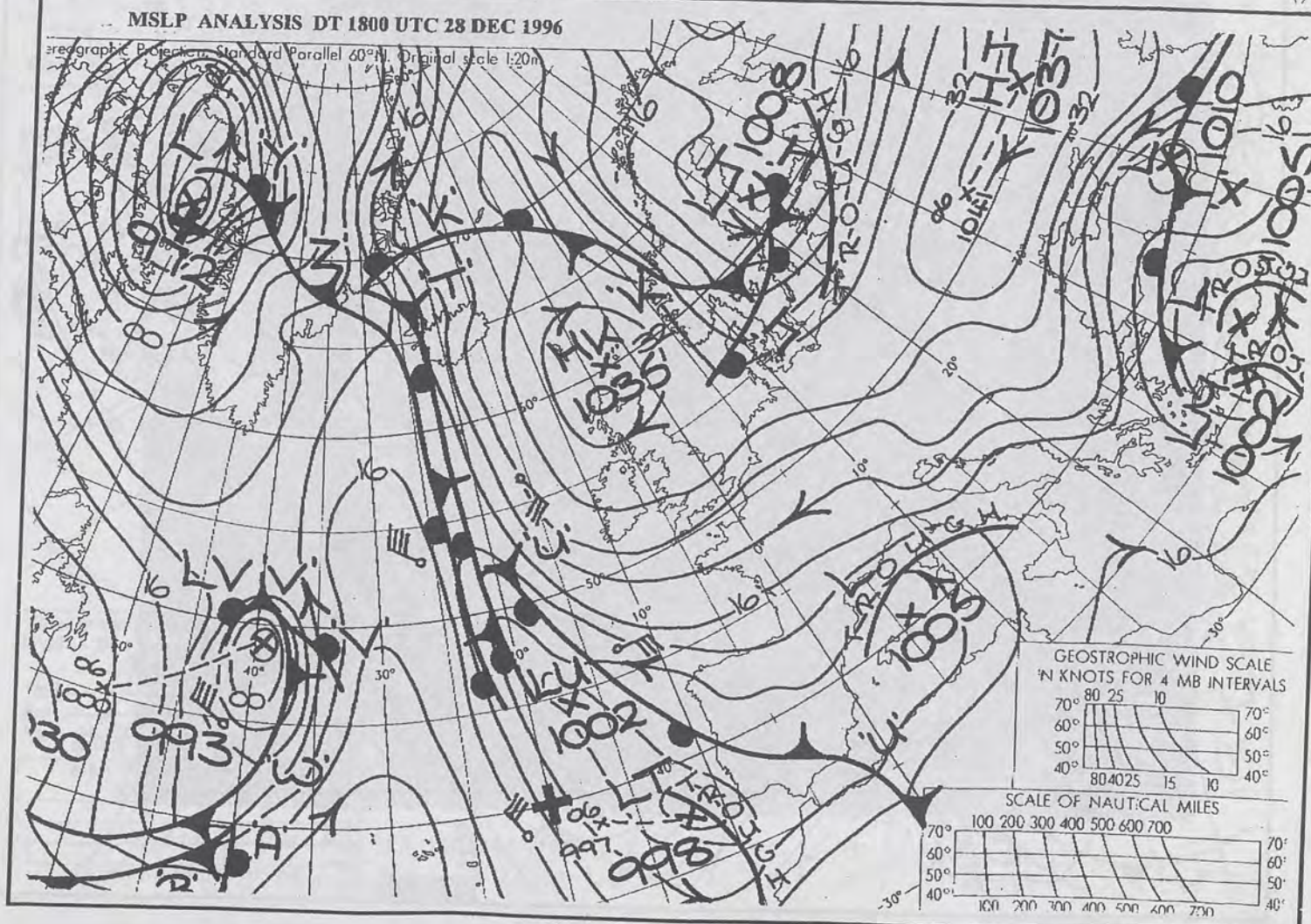
MSLP ANALYSIS DT 1200 UTC 28 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 1800 UTC 28 DEC 1996

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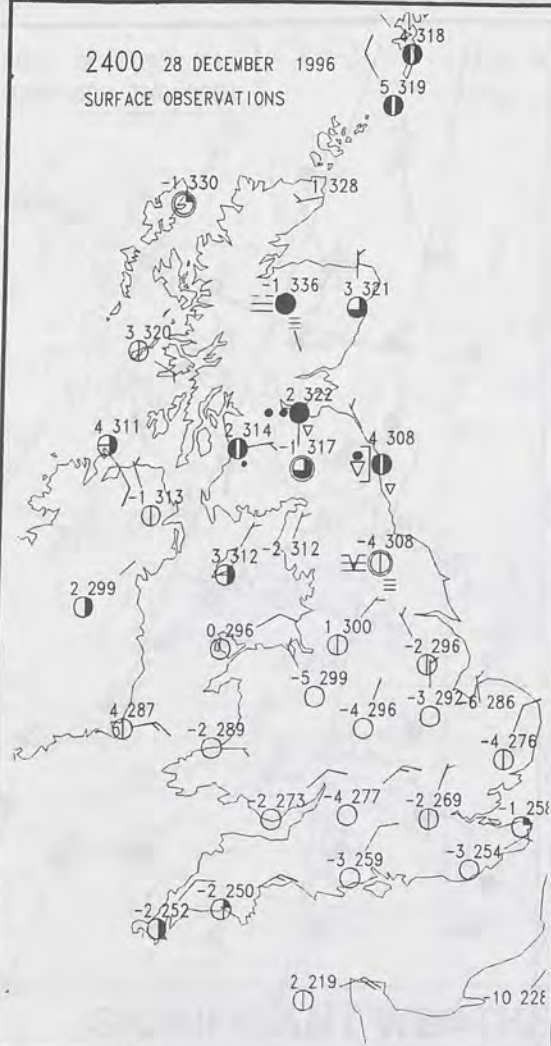




NOT FOR LOAN

DUPLICATE ALSO

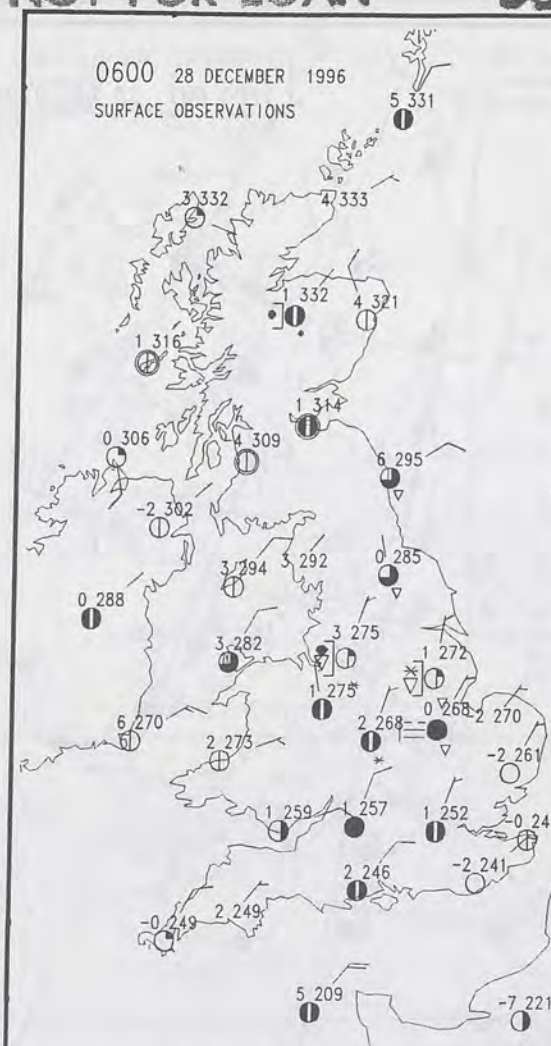
2400 28 DECEMBER 1996  
SURFACE OBSERVATIONS



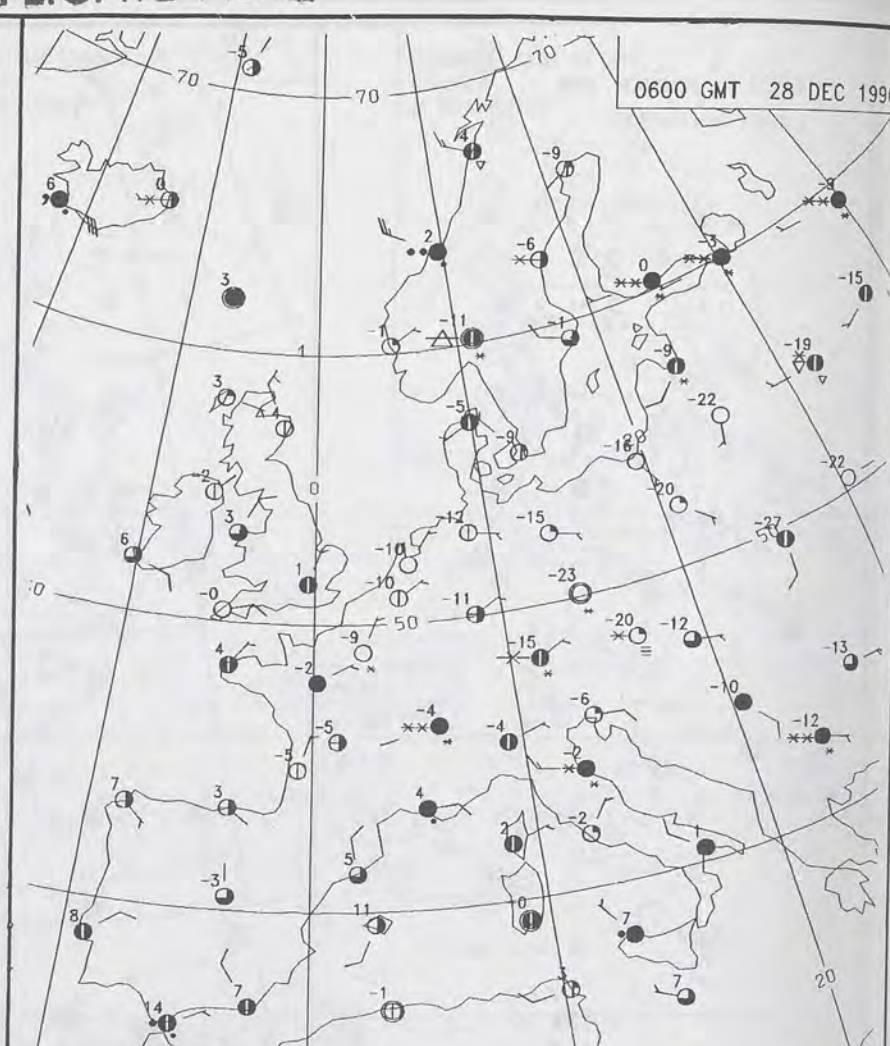
0000 GMT 29 DEC 1996



0600 28 DECEMBER 1996  
SURFACE OBSERVATIONS

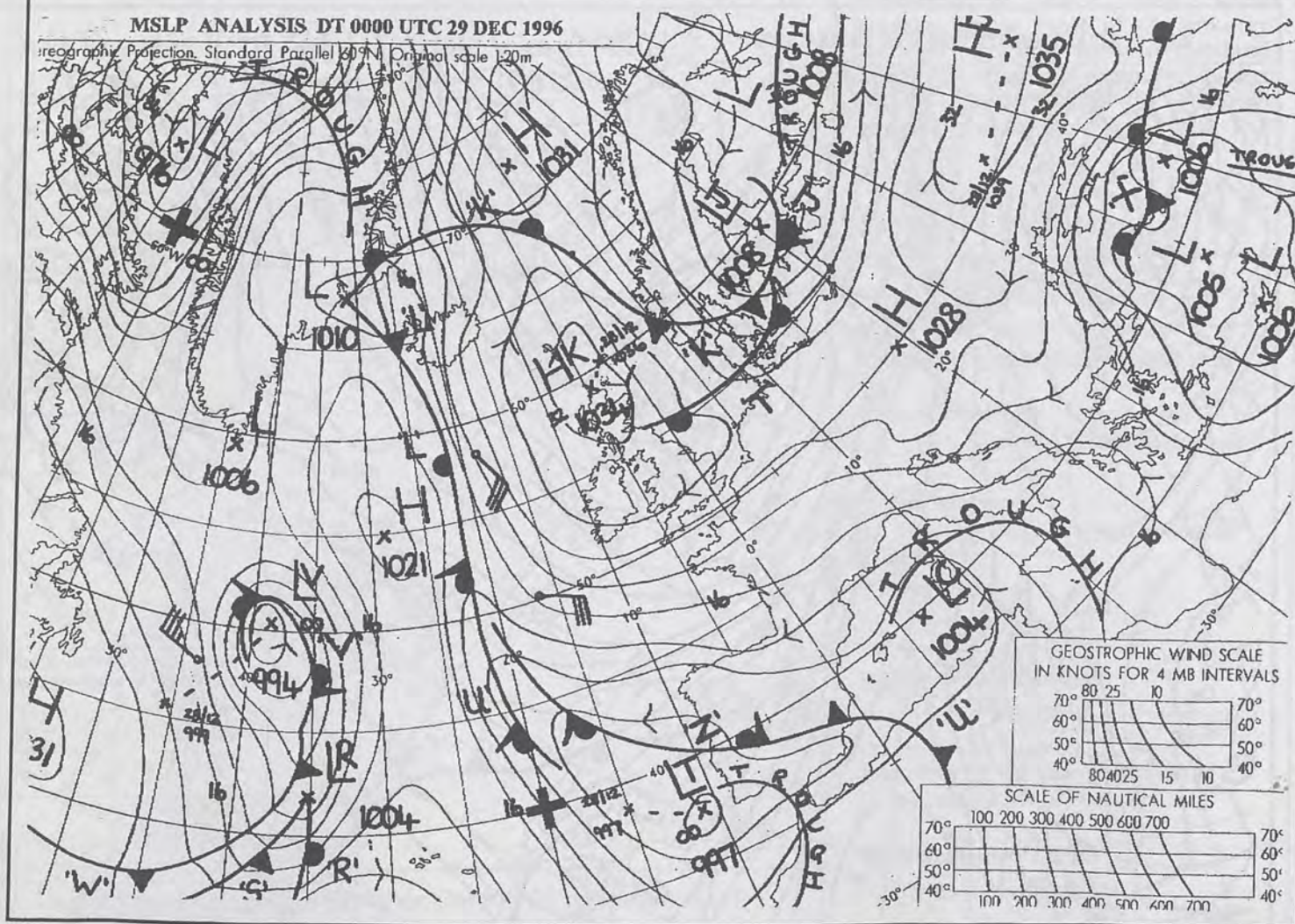


0600 GMT 28 DEC 1996



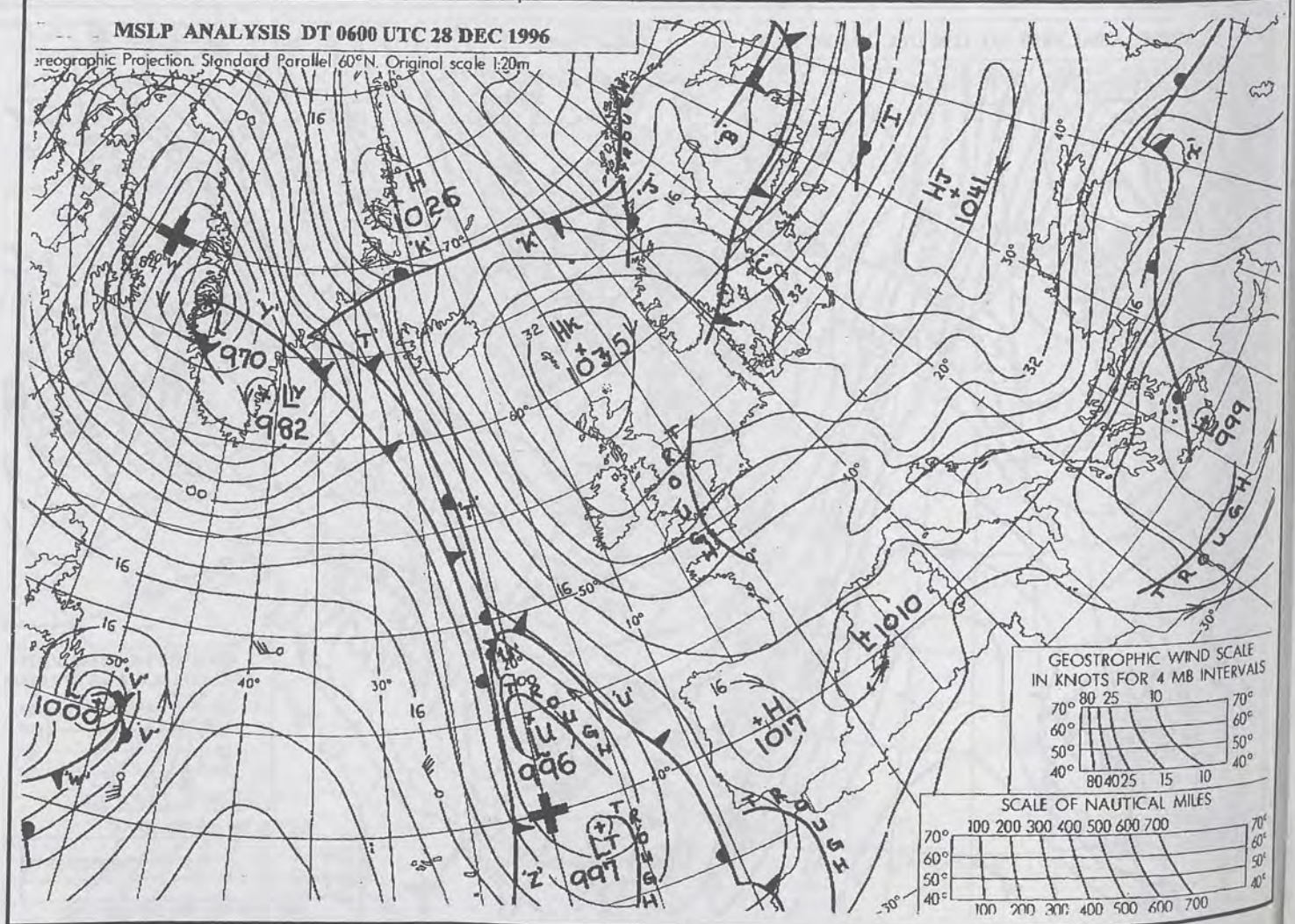
MSLP ANALYSIS DT 0000 UTC 29 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 0600 UTC 28 DEC 1996

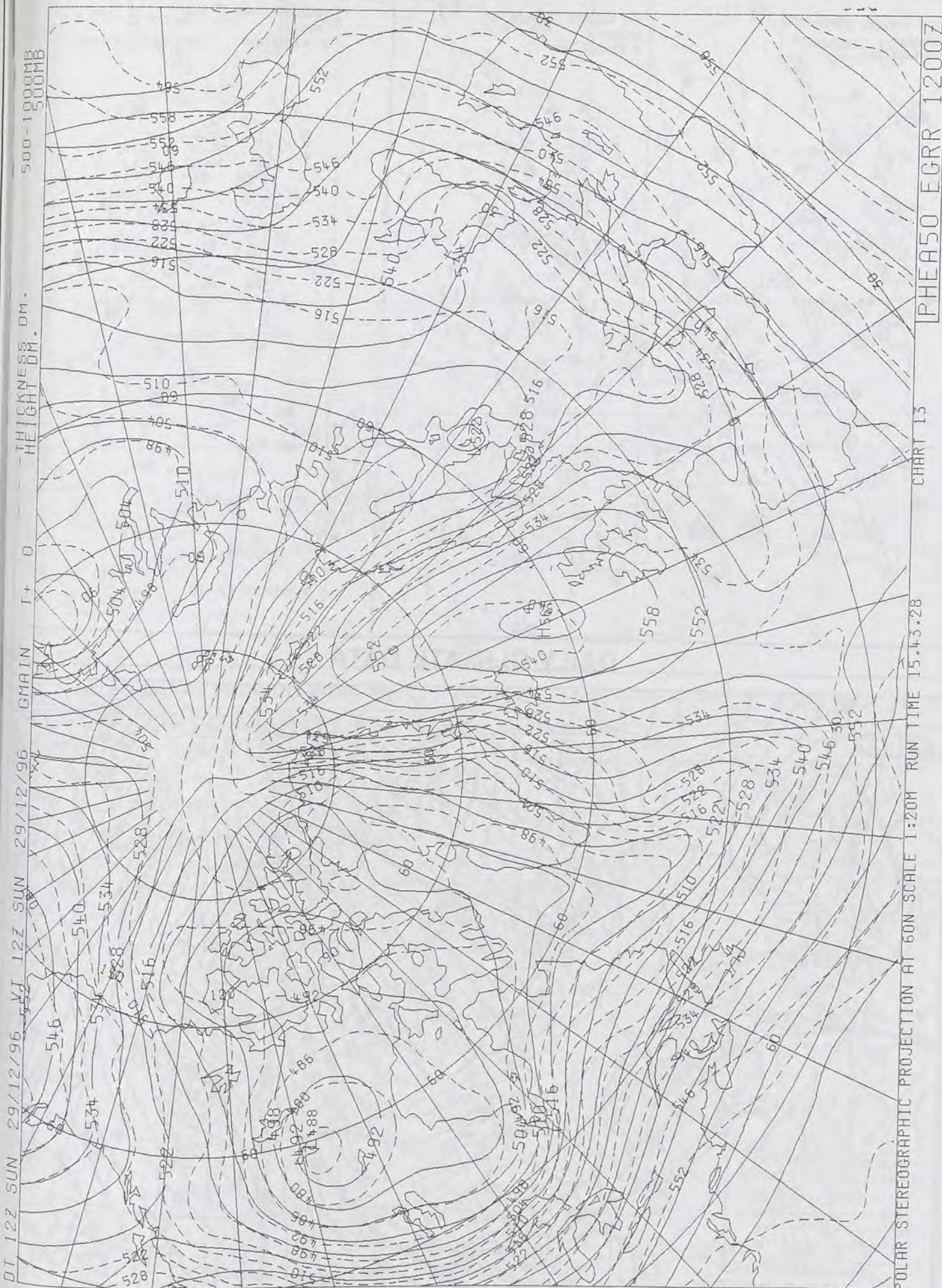
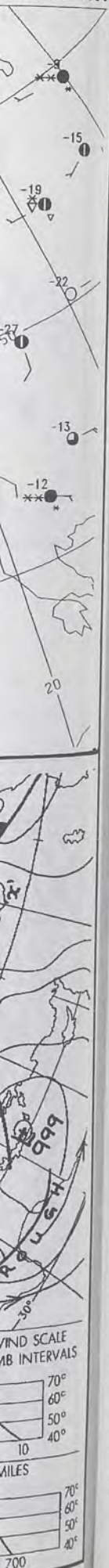
Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



DT 12Z SUN 29/12/96 VI 12Z SUN 29/12/96 GMAIN T+0 HEIGHT DM. 500-1000MB 500MB



28 DEC 1996



The Met. Office

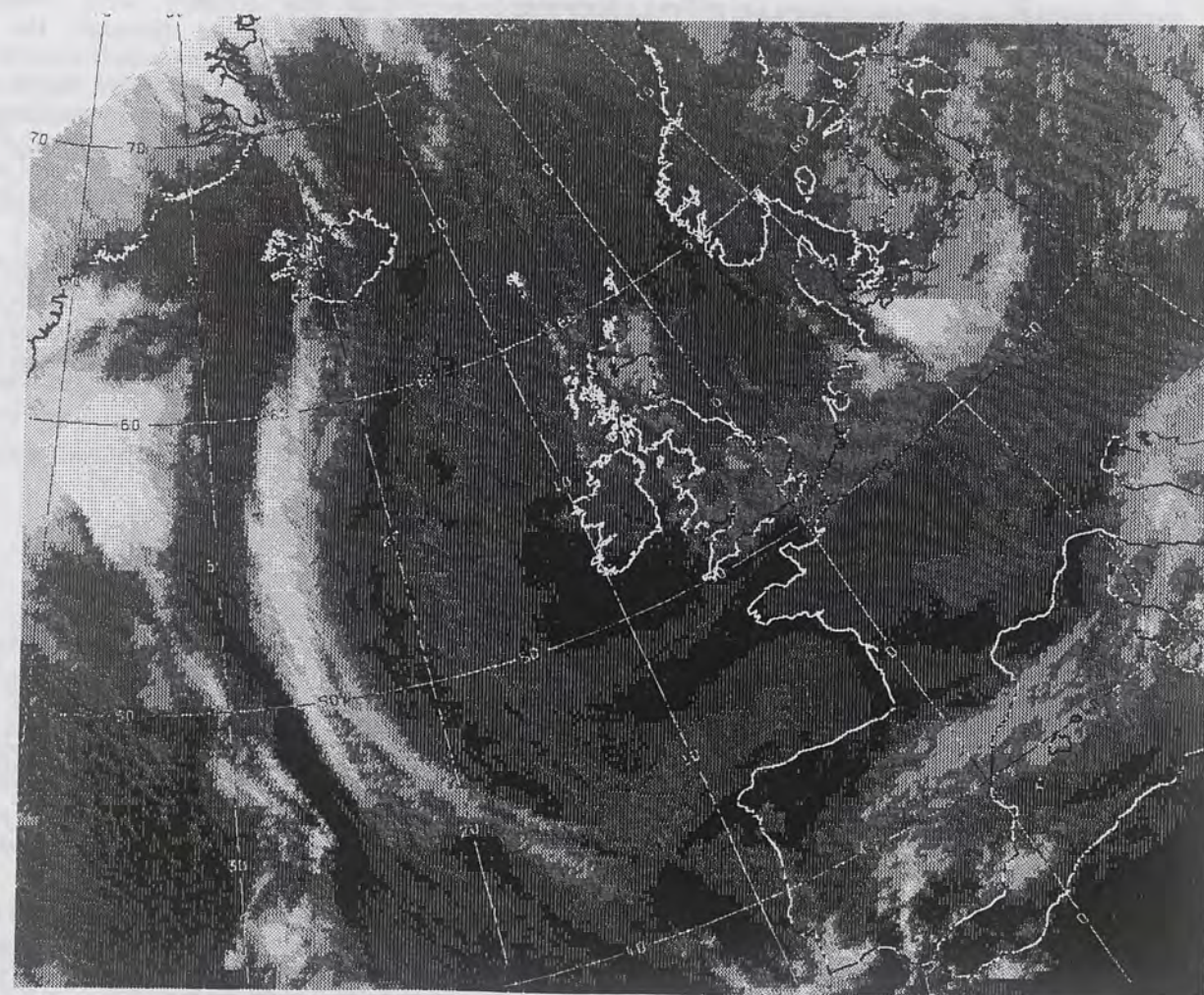
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Sunday  
29th December  
1996

NATIONAL  
METEOROLOGICAL  
3 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 29/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE

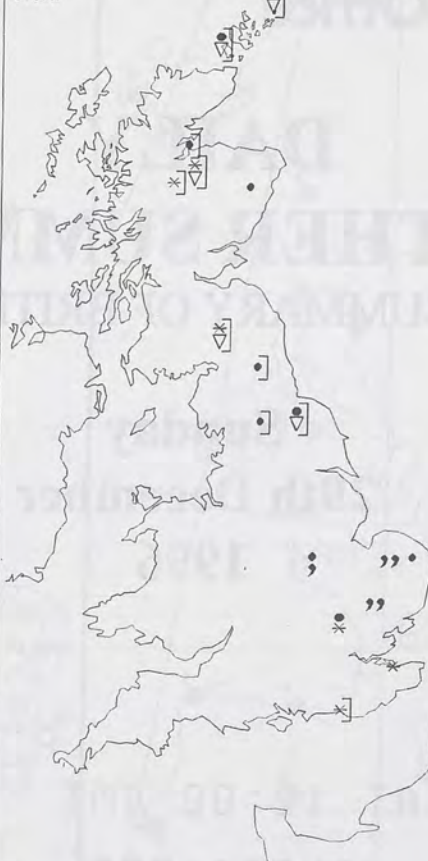
COLD WARM



0600 29 DECEMBER 1996  
SIGWX



1200 29 DECEMBER 1996  
SIGWX



### Summary of UK weather for Sunday 29th December 1996

It was a very cold and frosty start to the day across England and Wales, and over central and western parts of Scotland, but there was more cloud over eastern and southern Scotland keeping the early morning frost at bay.

A sunny and crisp start to the day in the south and west, then, but the clouds which were already in the north and east of the country made steady progress south-westwards to reach all but the far southwest of England by midday, and here it gradually clouded over during the afternoon. Then everywhere was rather cloudy with outbreaks of light rain, sleet or snow, although southwest England, west Wales and northern Ireland stayed dry until after dark.

It was a bitterly cold day across most of the country with temperatures slowly rising through the day to afternoon highs which were well below the seasonal average. However in the northeast of Scotland and England the daytime high was fairly close to normal.

### SIGNIFICANT WEATHER CHARTS

1800 29 DECEMBER 1996  
SIGWX



2400 29 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

### EXTREMES

**SUNDAY 29th DECEMBER 1996**

**Highest Maximum**  
: 6.7 C Foula [ Shetland ]

**Lowest Maximum**  
: 0.4 C Dunkeswell [ Devon ]  
Cynwyd [ Clwyd ]

**Lowest Minimum**  
: -7.4 C Birmingham Airport

**Lowest Grass Minimum**  
: -14.4 C Birmingham Airport

**Most Rain (24 hrs from 0900 GMT)**  
: 7.8mm Newcastle Weather Centre

**Most Sunshine**  
: 7.6 hrs Jersey / St Helier

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
29 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
29 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
29 DECEMBER 1996



X INDICATES 0.1-0.4 HRS

### DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
29 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
29 DECEMBER 1996



X INDICATES TRACE TO 0.4 MM

29 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)



X INDICATES TRACE TO 0.4 CM



1200 29 DECEMBER 1996  
SURFACE OBSERVATIONS

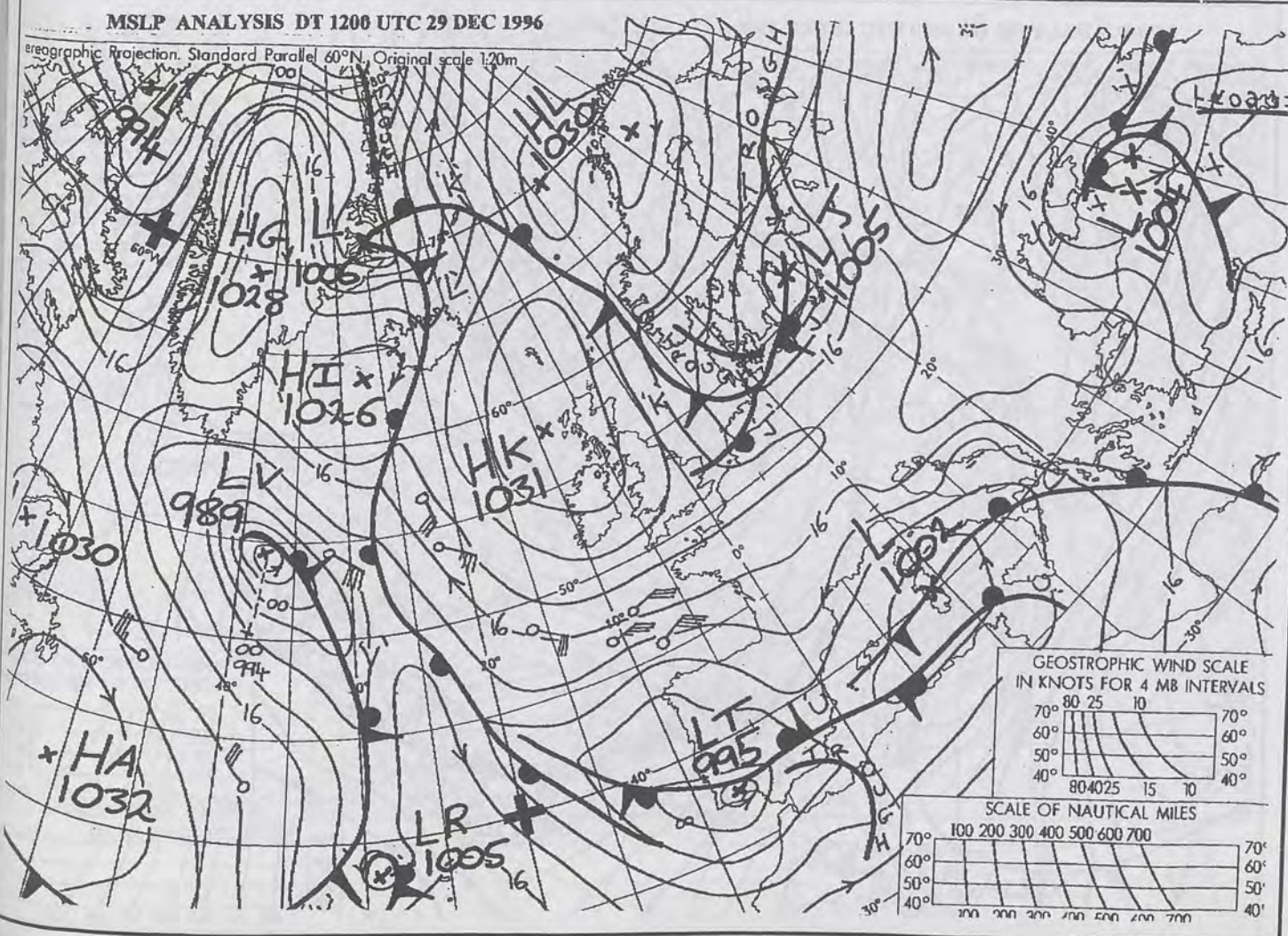
1200 GMT 29 DEC 1996

1800 29 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 29 DEC 1996

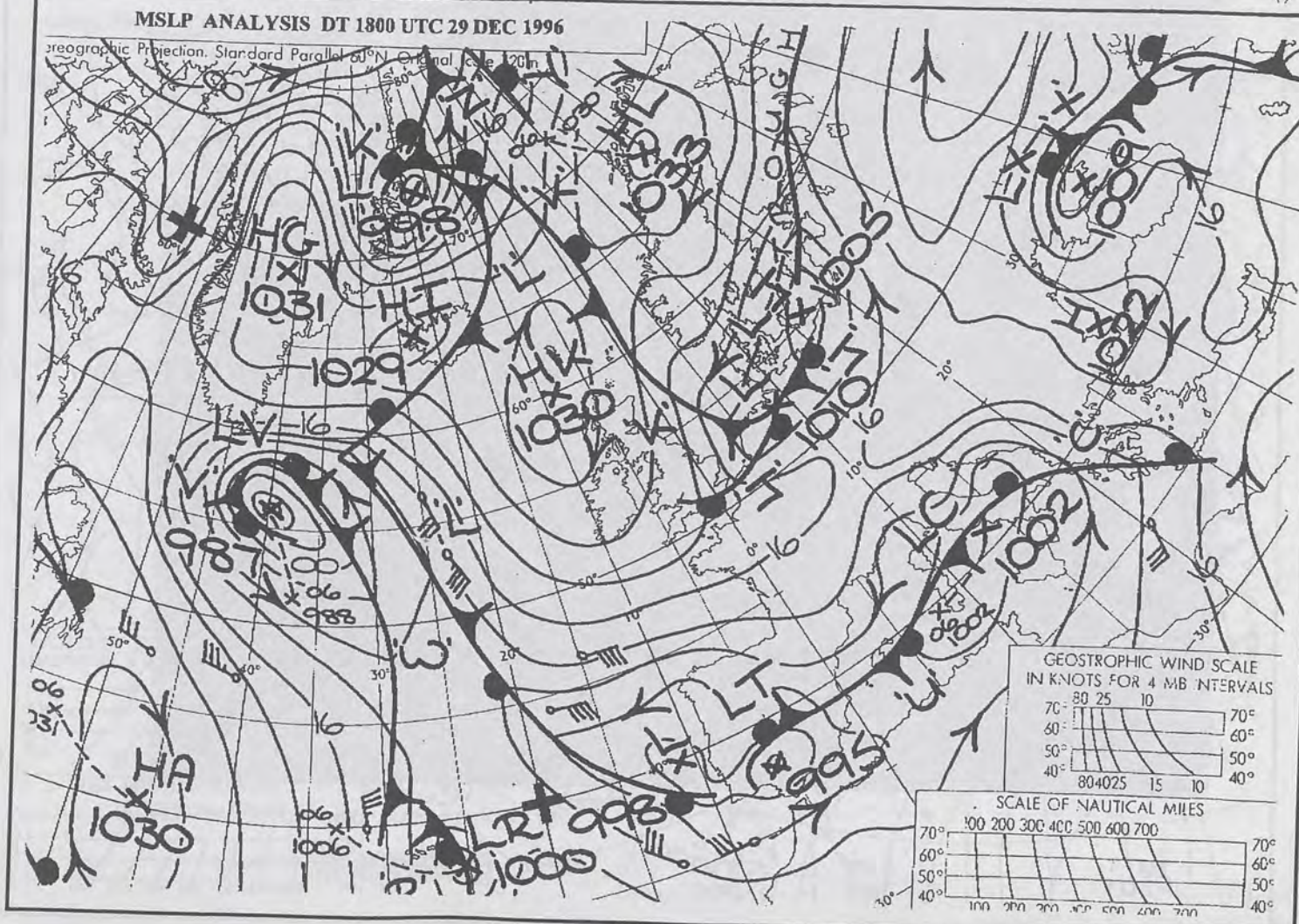
MSLP ANALYSIS DT 1200 UTC 29 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 1800 UTC 29 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m





NOT FOR LOAN

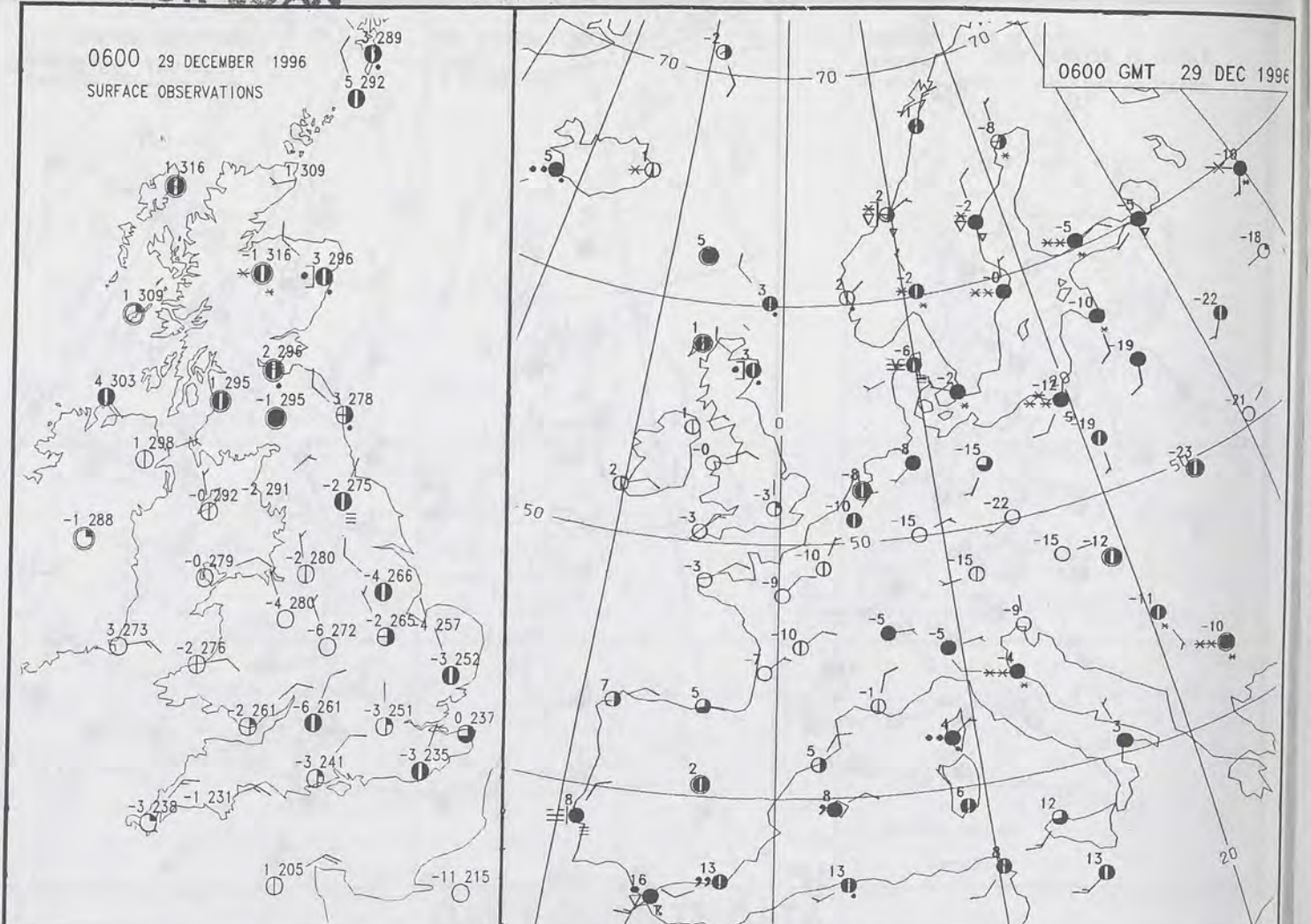
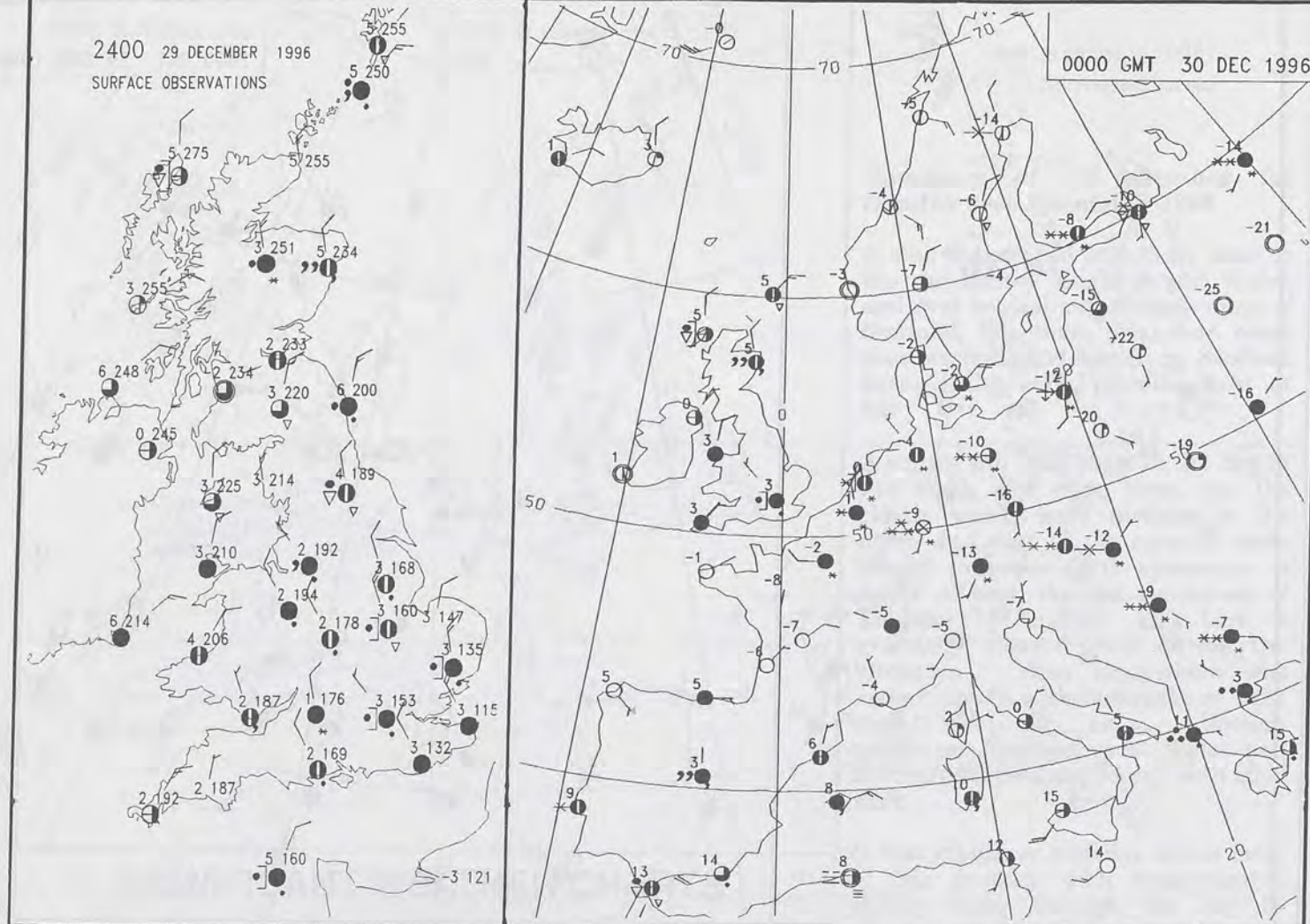
DUPLICATE ALSO

2400 29 DECEMBER 1996  
SURFACE OBSERVATIONS

0000 GMT 30 DEC 1996

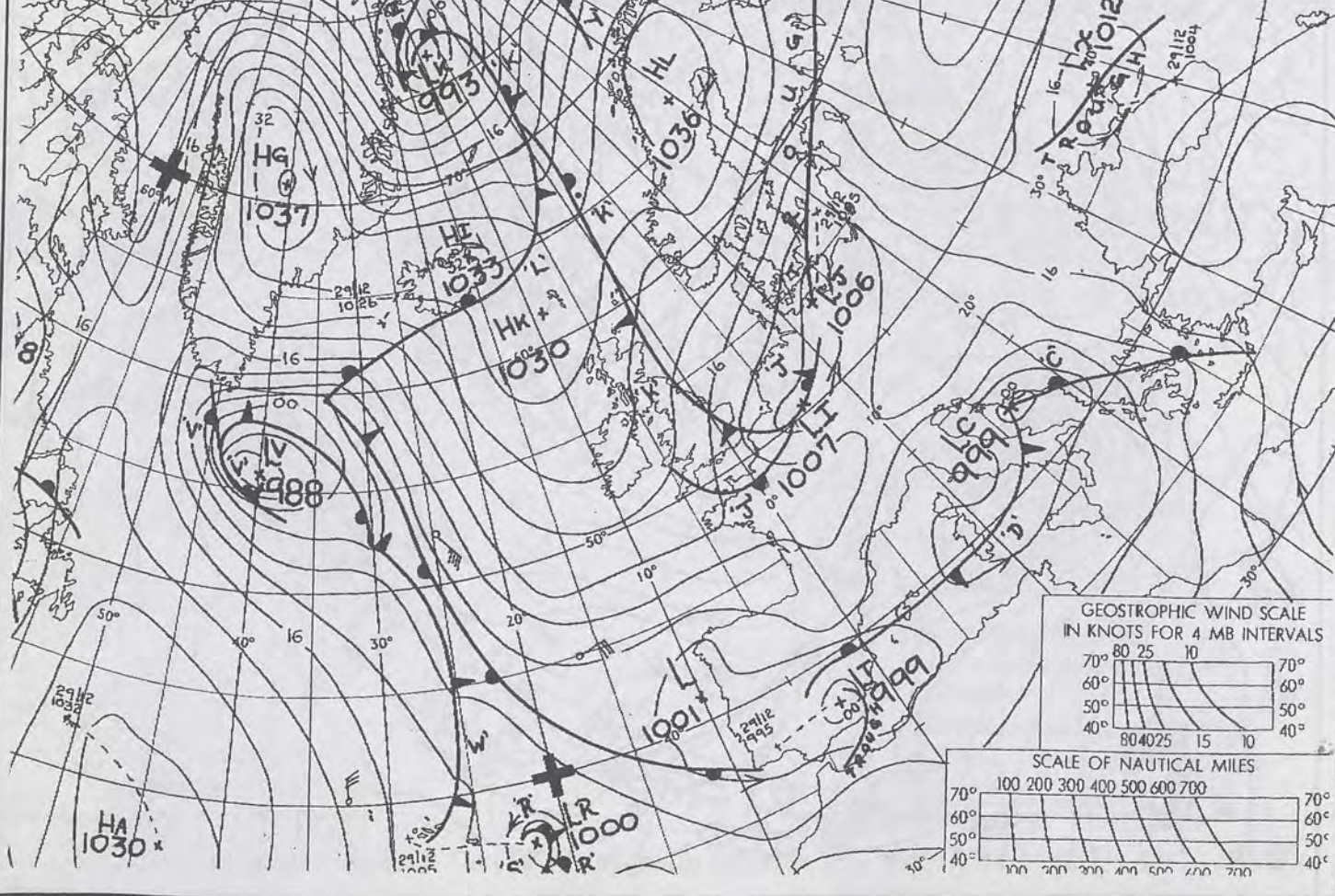
0600 29 DECEMBER 1996  
SURFACE OBSERVATIONS

0600 GMT 29 DEC 1996



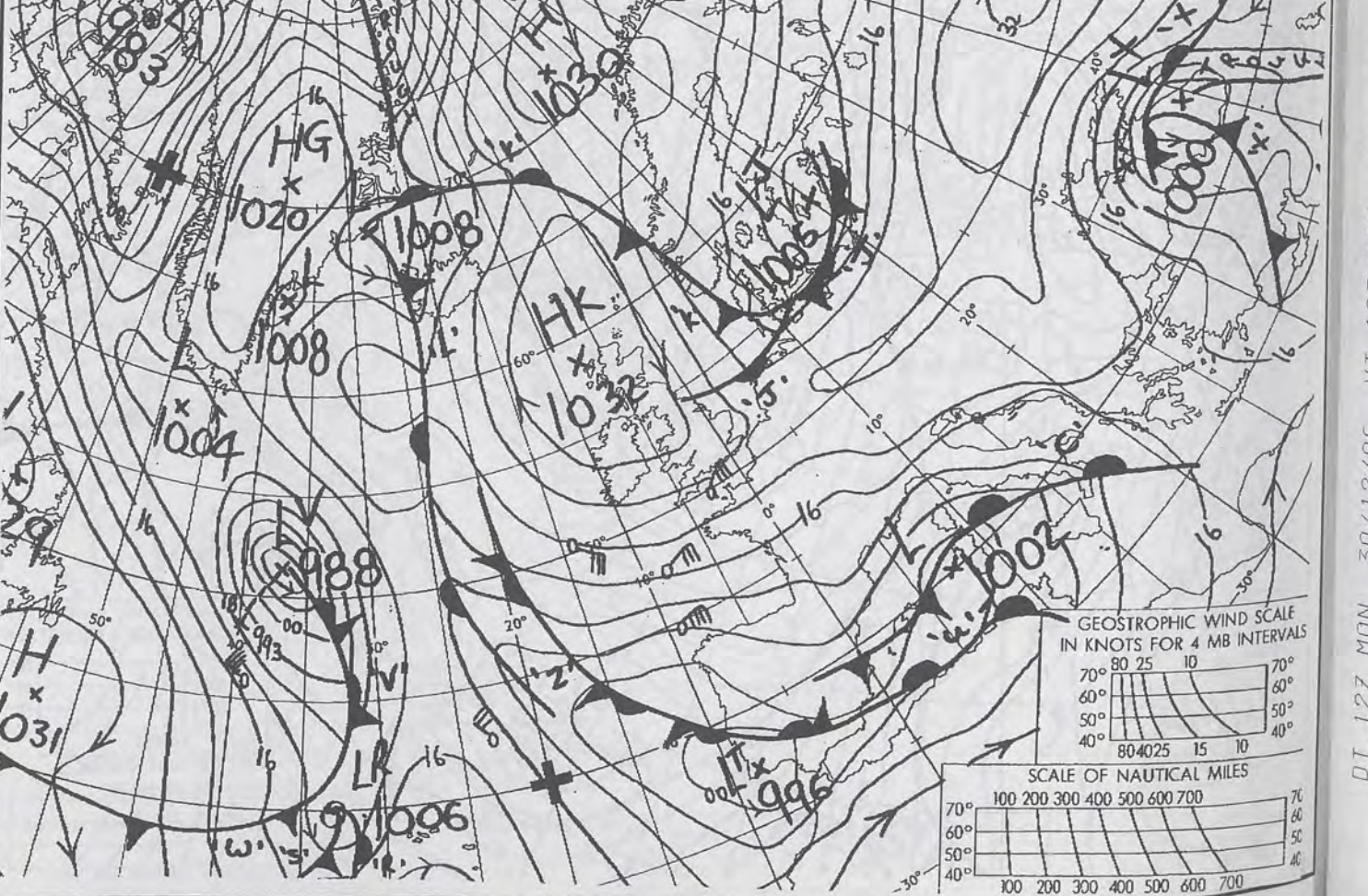
MSLP ANALYSIS DT 0000 UTC 30 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 0600 UTC 29 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

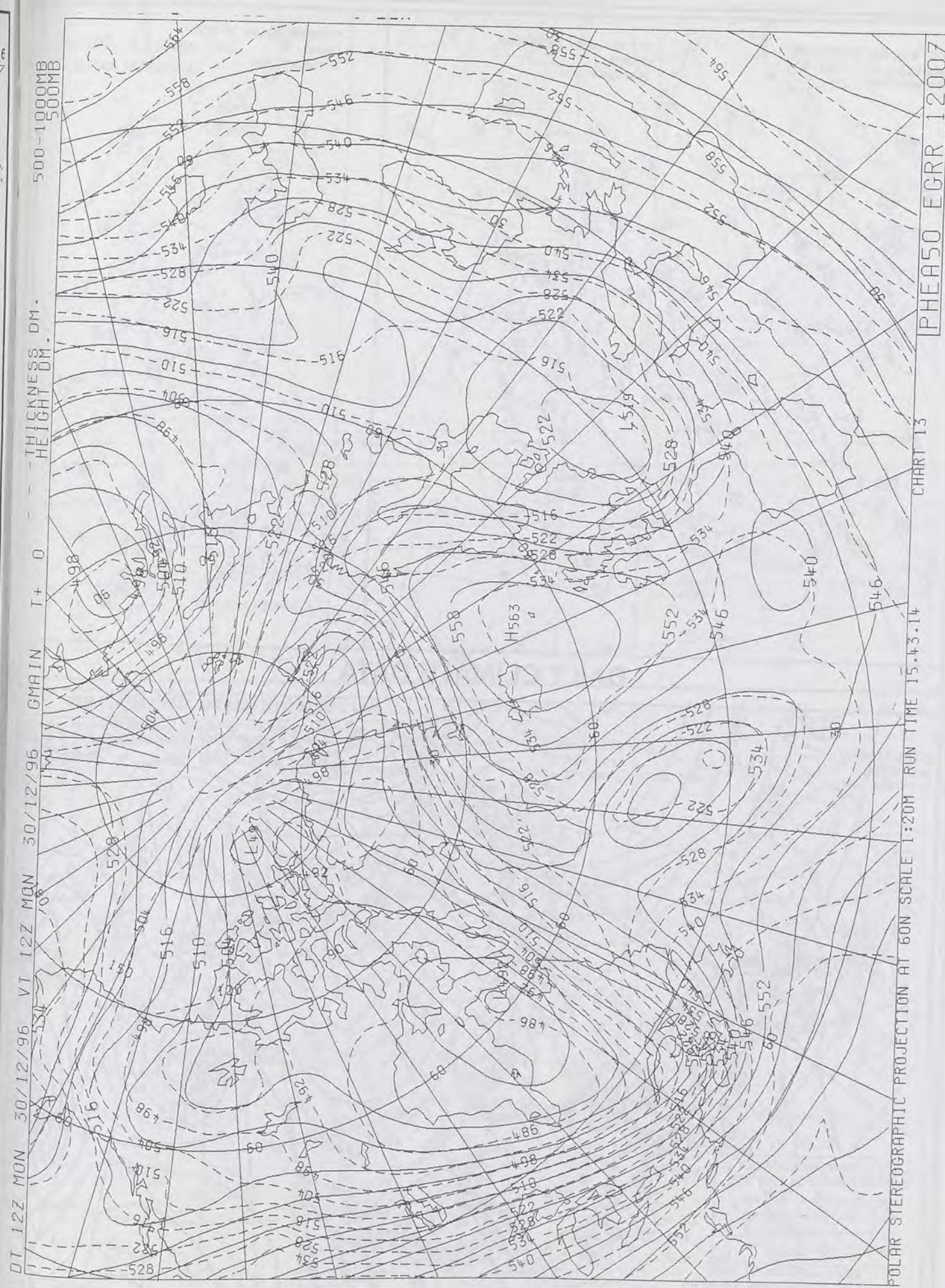


DT 12Z MON 30/12/96 VT 12Z MON 30/12/96 GMAIN T+ 0 THICKNESS DM. 500-1000MB HEIGHT DM. 500MB



29 DEC 1996

WIND SCALE  
KNOTS  
0 10 20 30 40 50 60 70  
MILES  
0 10 20 30 40 50 60 70



The Met. Office

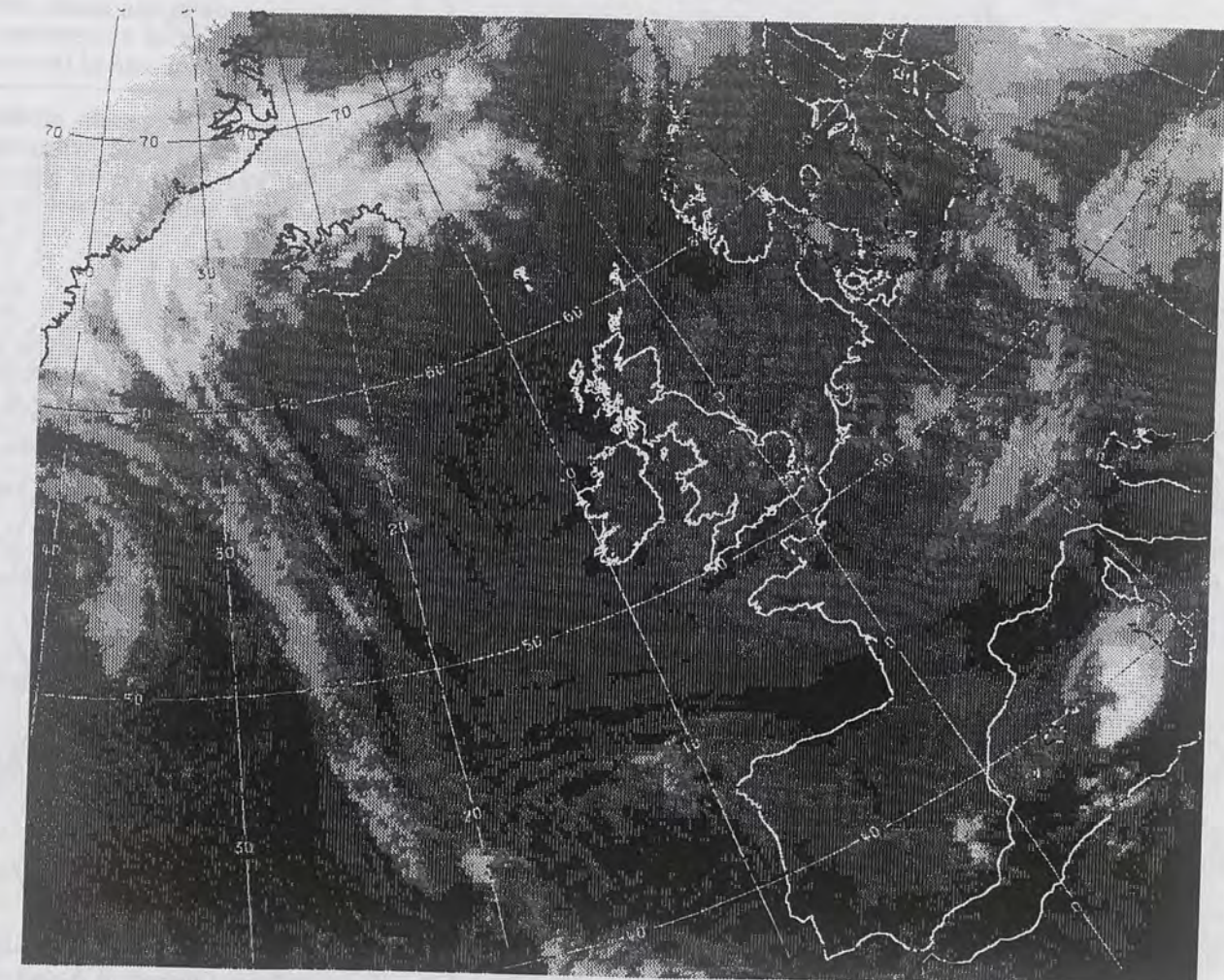
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Monday  
30th December  
1996

NATIONAL  
METEOROLOGICAL  
13 JAN 1997  
LIBRARY

METEOSAT AT 12:00 GMT ON 30/12/96  
INFRA-RED



CLOUD-TOP OR LAND/SEA TEMPERATURE  
COLD WARM



0600 30 DECEMBER 1996  
SIGWX



1200 30 DECEMBER 1996  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 30 DECEMBER 1996  
SIGWX



2400 30 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Monday 30th December 1996

It was a cloudy start across much of the country, with outbreaks of rain or drizzle, and the first signs of the weather we were about to have showed up in the early hours of the morning as sleet came in on to the Kent coast.

During the morning the cloud broke up across most parts, with some sunshine coming through from time to time, but there was also a scattering of showers. These showers turned increasingly wintry through the day, with some heavy snow showers during the afternoon in parts of central and southeast England, as well as over the Pennines.

After dark there were some clear spells, and most of Scotland was dry, but the rest of the country continued to be plagued with a scattering of snow showers, these heaviest and most persistent in the south and east, with 10 cm lying at Herstmonceux in East Sussex by the end of the evening.

Temperatures in much of Scotland and northern Ireland were close to average, but the rest of the country was bitterly cold with below normal temperatures.

## EXTREMES

### MONDAY 30th DECEMBER 1996

#### Highest Maximum

: 7.3 C Stornoway [ Outer Hebrides ]

#### Lowest Maximum

: 0.3 C Wittering [ Cambridgeshire ]

#### Lowest Minimum

: -5.4 C Machrihanish [ Inner Hebrides ]

#### Lowest Grass Minimum

: -9.3 C Machrihanish

#### Most Rain (24 hrs from 0900 GMT)

: 10.2mm Guernsey / L'Ancrese

#### Most Sunshine

: 6.6 hrs Isle of Portland [ Dorset ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
30 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
30 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
30 DECEMBER 1996



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
30 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
30 DECEMBER 1996



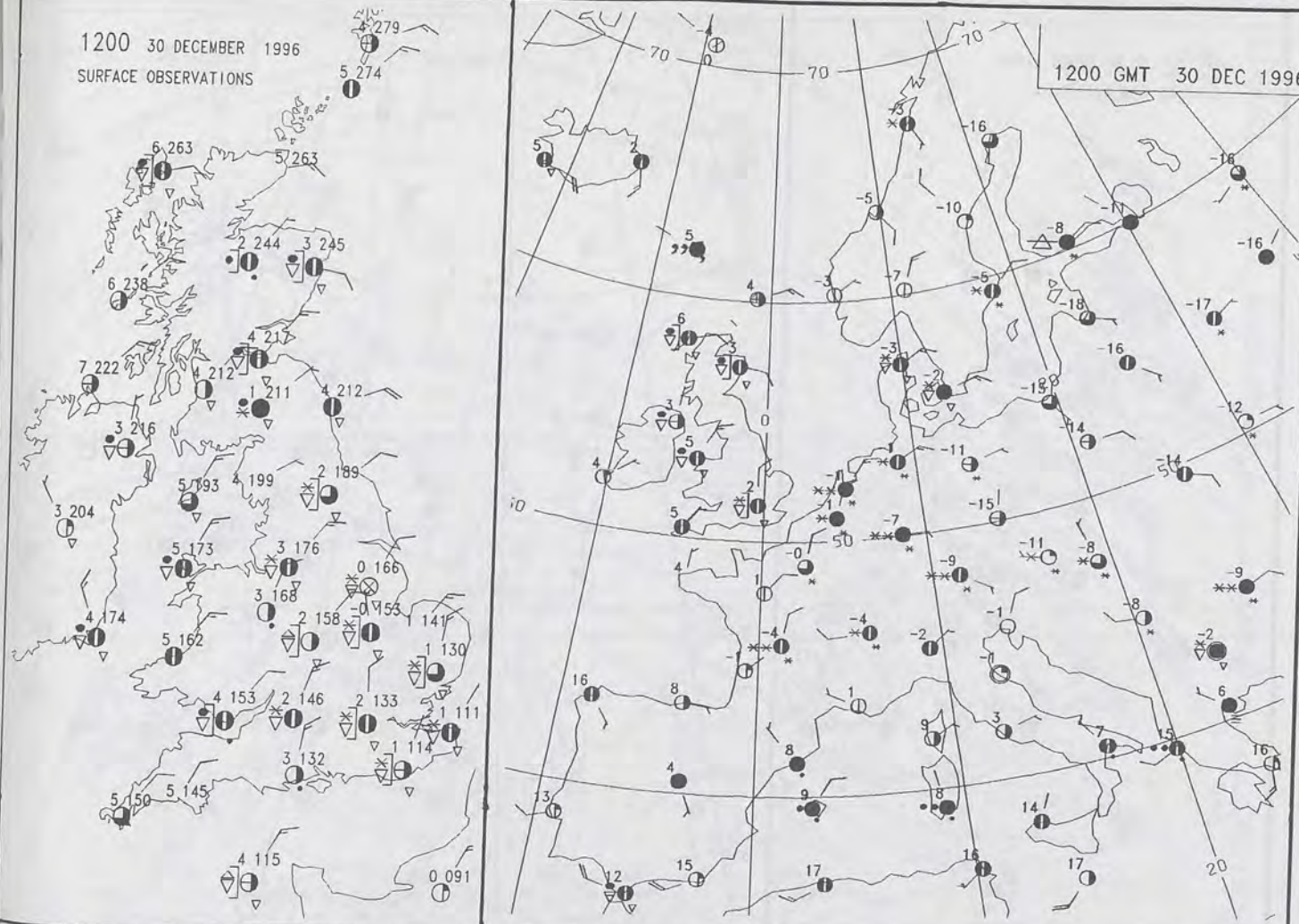
30 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)





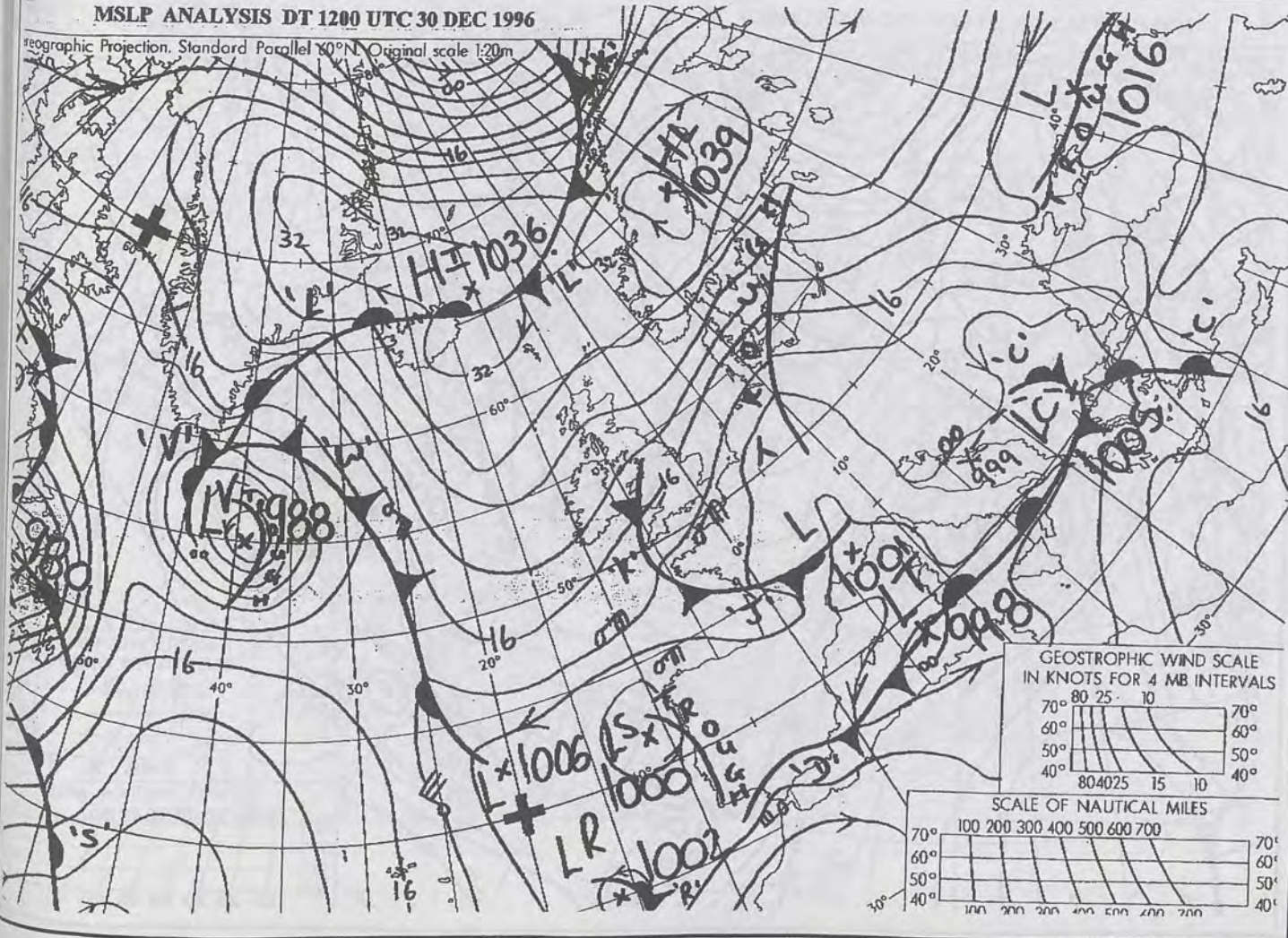
1200 30 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 30 DEC 1996



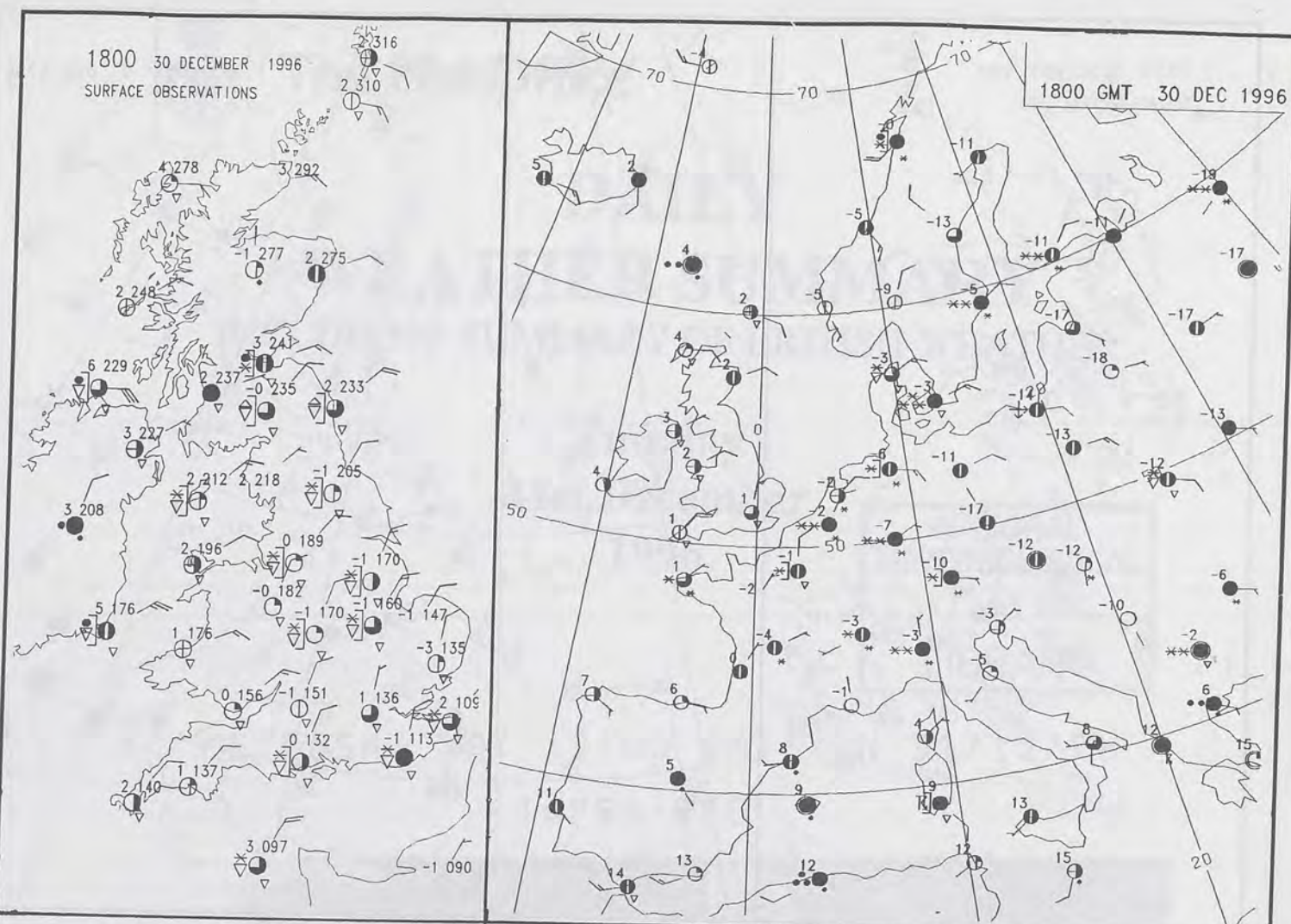
MSLP ANALYSIS DT 1200 UTC 30 DEC 1996

Geographic Projection, Standard Parallel 30°N, Original scale 1:20m



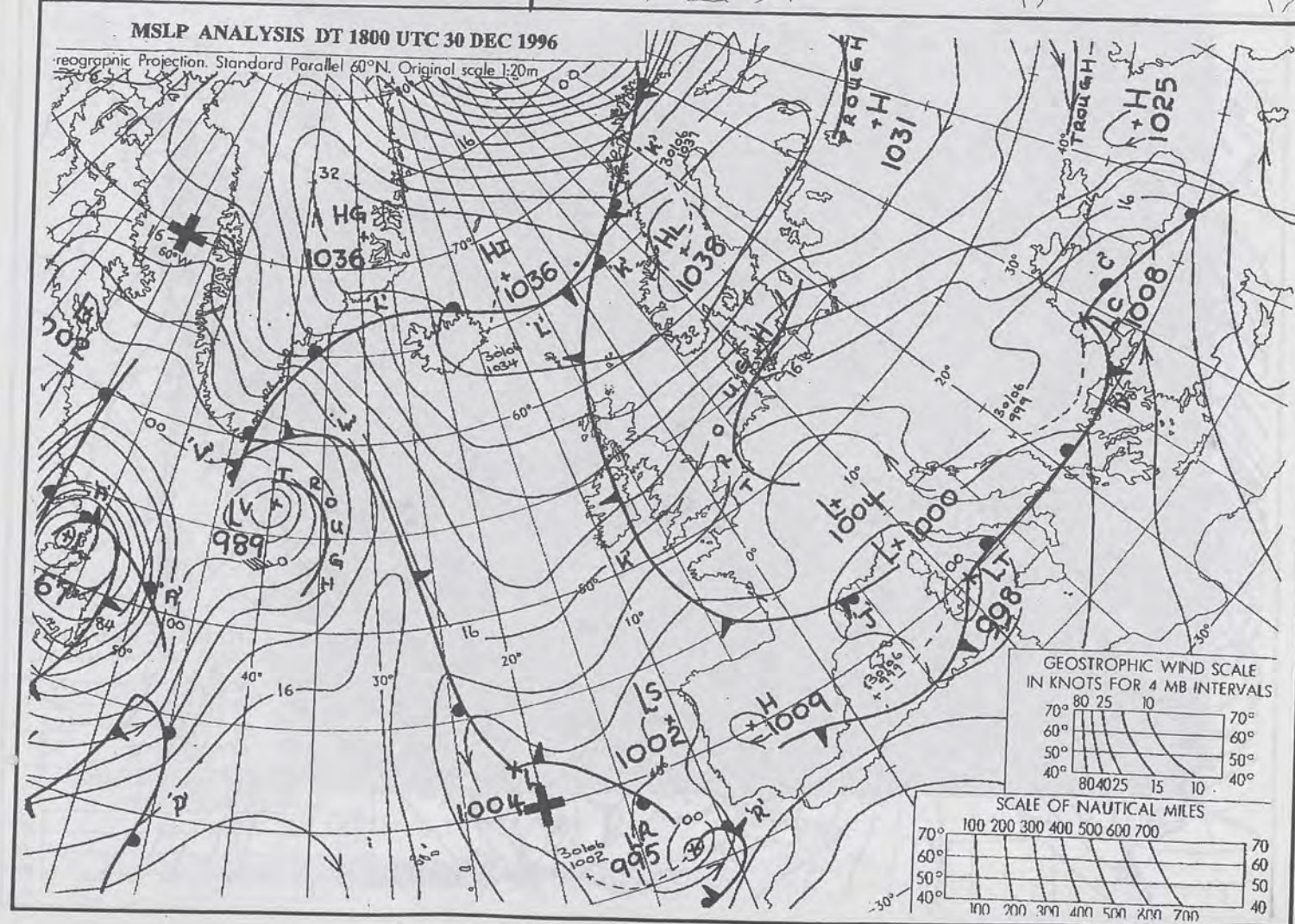
1800 30 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 30 DEC 1996



MSLP ANALYSIS DT 1800 UTC 30 DEC 1996

Geographic Projection, Standard Parallel 60°N, Original scale 1:20m





NOT FOR LOAN

DUPLICATE ALSO

2400 30 DECEMBER 1996  
SURFACE OBSERVATIONS

0000 GMT 31 DEC 1996

0600 30 DECEMBER 1996  
SURFACE OBSERVATIONS

0600 GMT 30 DEC 1996

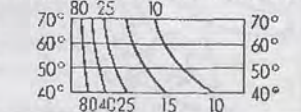
MSLP ANALYSIS DT 0000 UTC 31 DEC 1996

tereographic Projection, Standard Parallel 60°N, Original scale 1:200,000

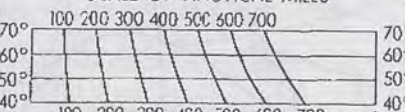
MSLP ANALYSIS DT 0600 UTC 30 DEC 1996

tereographic Projection, Standard Parallel 60°N, Original scale 1:200,000

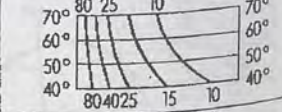
GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



SCALE OF NAUTICAL MILES



GEOSTROPHIC WIND SCALE  
IN KNOTS FOR 4 MB INTERVALS



SCALE OF NAUTICAL MILES

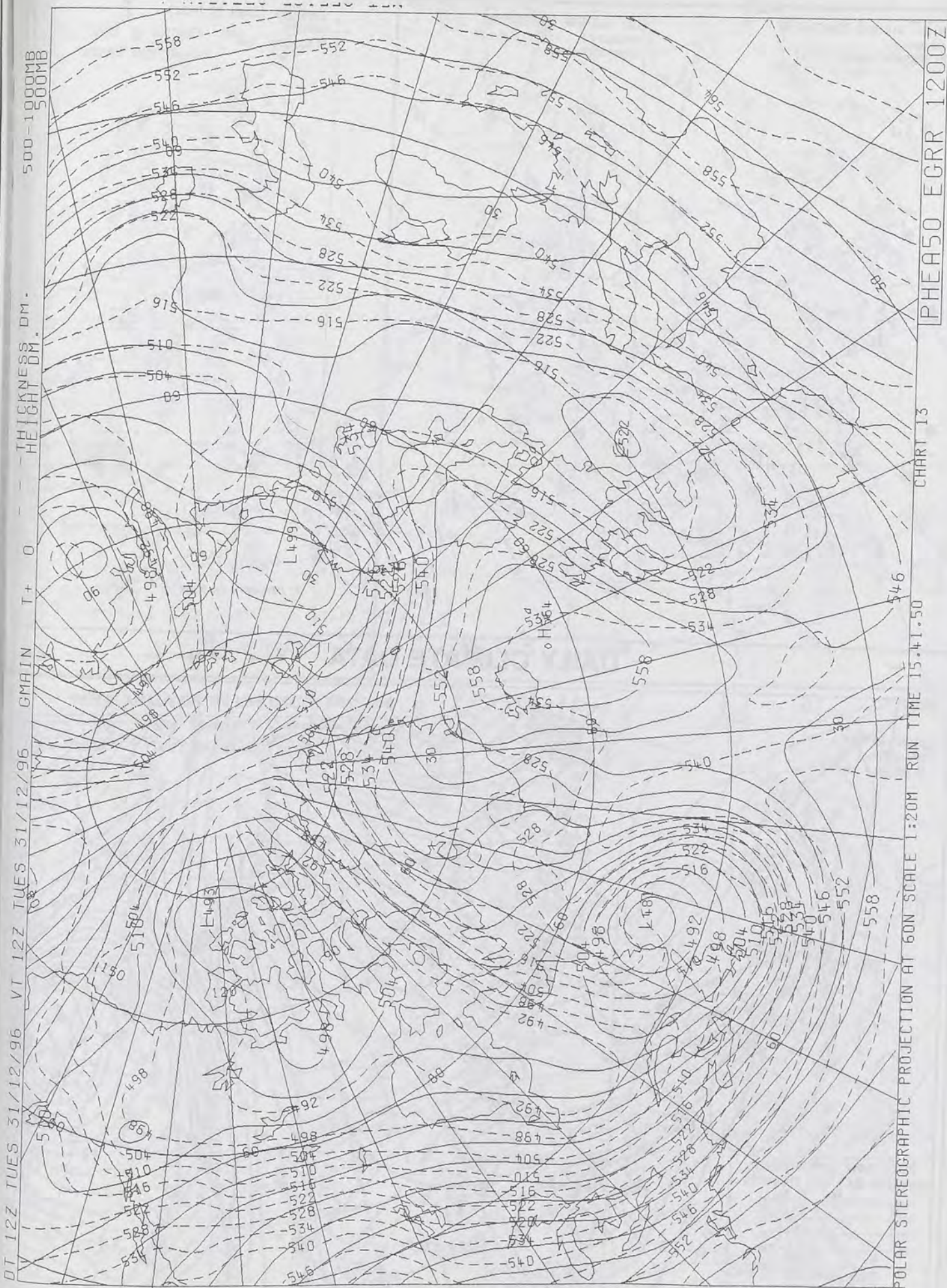


DT 12Z TUES 31/12/96 VT 12Z TUES 31/12/96 GMAIN T+0 HEIGHT DM. 500-1000MB 500MB



30 DEC 1996

WIND SCALE  
8 INTERVALS  
70°  
60°  
50°  
40°  
30°  
20°  
10°  
0°  
MILES  
700  
600  
500  
400  
300  
200  
100  
0



The Met. Office

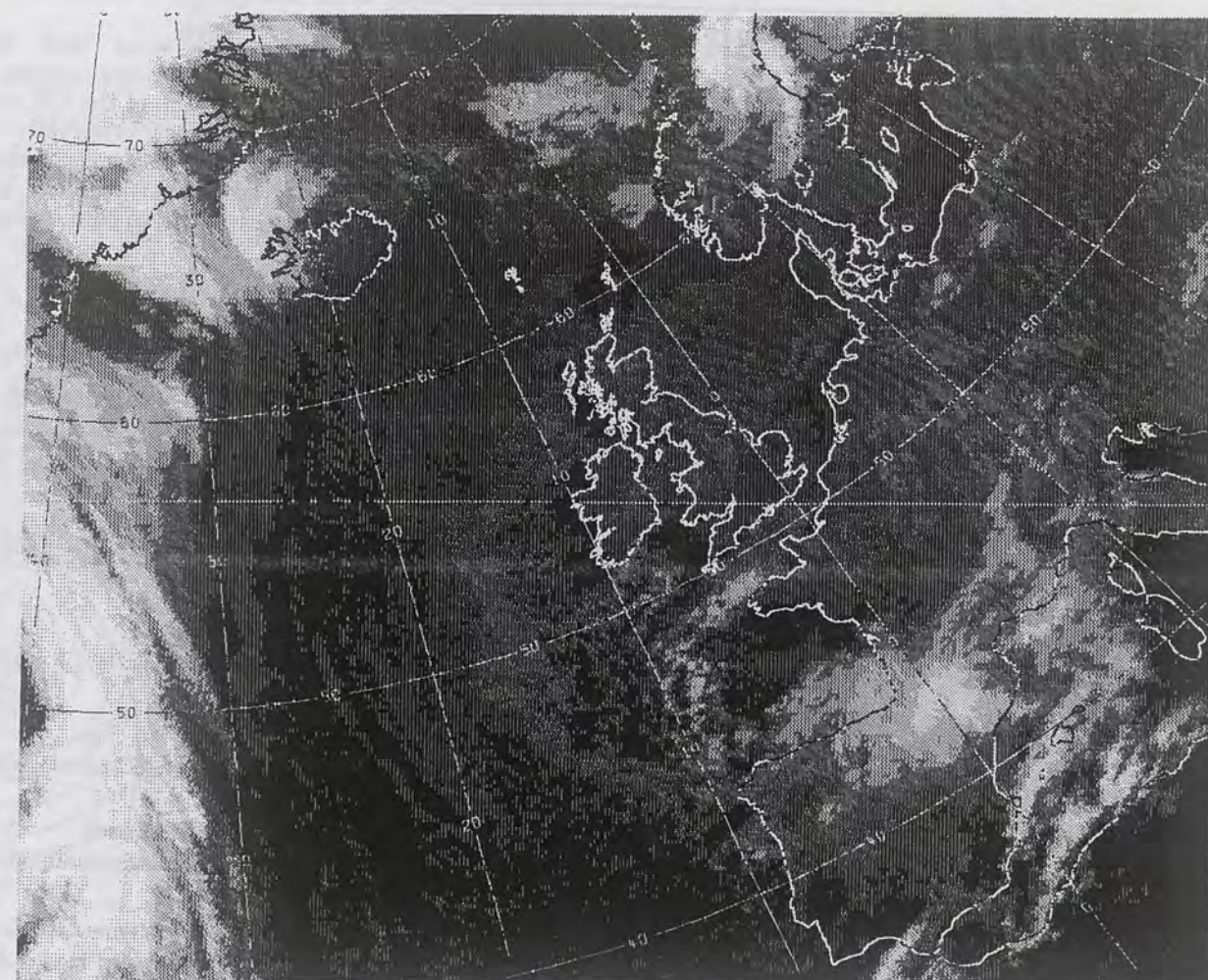
# DAILY WEATHER SUMMARY

INCLUDING SUMMARY OF BRITISH WEATHER

Tuesday  
31st December  
1996

NATIONAL  
METEOROLOGICAL  
LIBRARY  
17 JAN 1997

METEOSAT AT 12:00 GMT ON 31/12/96  
INFRA-RED



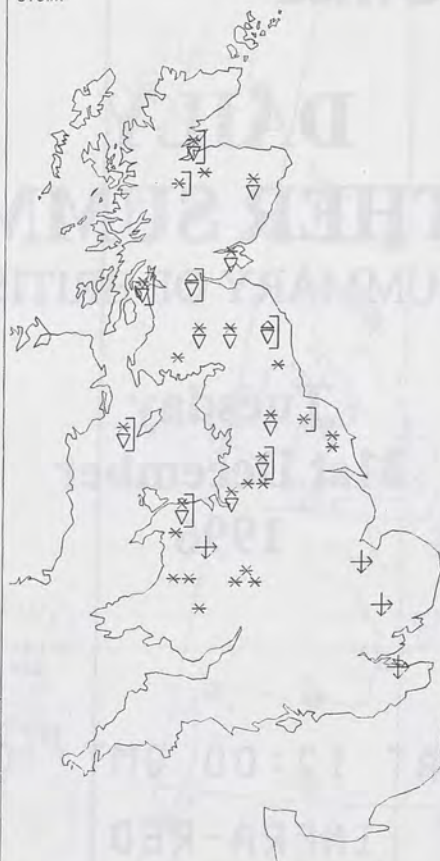
CLOUD-TOP OR LAND/SEA TEMPERATURE  
COLD WARM



0600 31 DECEMBER 1996  
SIGWX



1200 31 DECEMBER 1996  
SIGWX

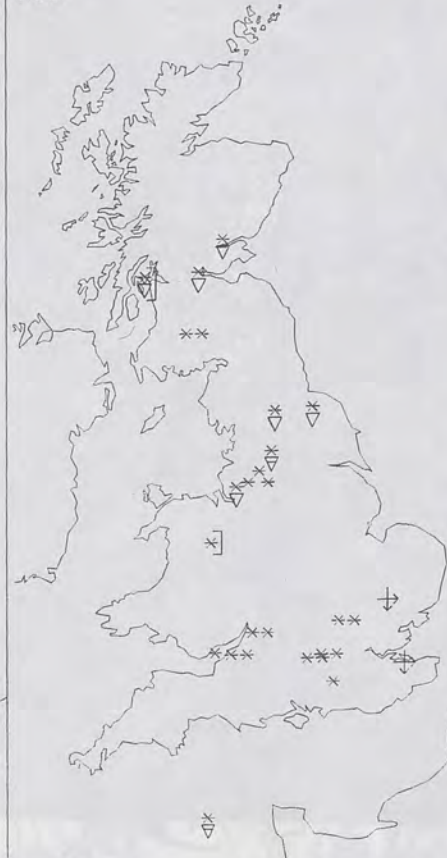


## SIGNIFICANT WEATHER CHARTS

1800 31 DECEMBER 1996  
SIGWX



2400 31 DECEMBER 1996  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Tuesday 31st December 1996

Snow showers continued to spread from the eastern side of the UK throughout the night, affecting much of central, eastern and northern parts of England, as well as southern parts of Scotland. Northern Ireland, northern Scotland as well as western parts of England and Wales, stayed dry with clear spells.

During the day, snow showers continued in many eastern areas, as well as spreading across many central and northern parts of England, and also southern Scotland. There were also good spells of sunshine across much of the southeast, as well as southwestern and western parts of England. Northern Ireland and western parts of Scotland generally stayed dry, with good spells of sunshine.

There was little change through the evening and overnight, good clear spells in many places, with snow showers drifting across from the east, even into Northern Ireland.

Temperatures were well down on average, with many places staying below zero. Much of the UK was in the very cold category, with only Northern Ireland and western Scotland, and parts of northwest England and Wales being rather cold to cold categories.

## EXTREMES

### TUESDAY 31st DECEMBER 1996

**Highest Maximum**  
: 4.0 C Southport [ Merseyside ]

**Lowest Maximum**  
: -3.8 C Langdon Bay [ Kent ]

**Lowest Minimum**  
: -7.3 C Church Lawford [ Warwickshire ]

**Lowest Grass Minimum**  
: -10.8 C Birmingham Airport

**Most Rain (24 hrs from 0900 GMT)**  
: 10.3mm Salsburgh [ North Lanarkshire ]  
( Water Equivalent of Snow )

**Most Sunshine**  
: 6.9 hrs Lyneham [ Wiltshire ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
31 DECEMBER 1996



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
31 DECEMBER 1996



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
31 DECEMBER 1996



X INDICATES 0.1-0.4 HES

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
31 DECEMBER 1996



DAY RAINFALL  
(MILLIMETRES)  
31 DECEMBER 1996



31 DECEMBER 1996  
TOTAL DEPTH OF SNOW (9GMT)  
(CENTIMETRES)



X INDICATES TRACE TO 0.4 MM

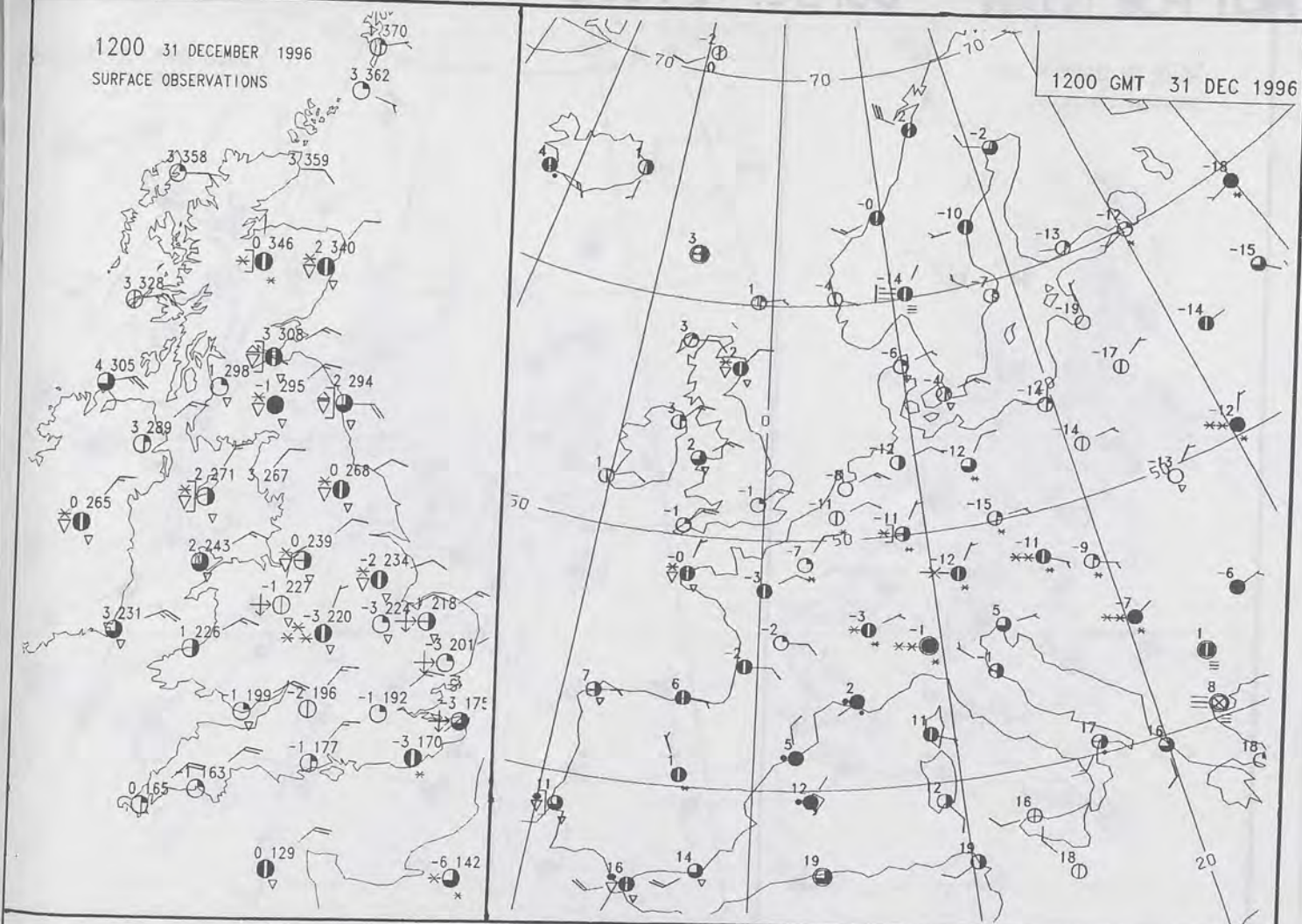
X INDICATES TRACE TO 0.4 MM

X INDICATES TRACE TO 0.4 CM



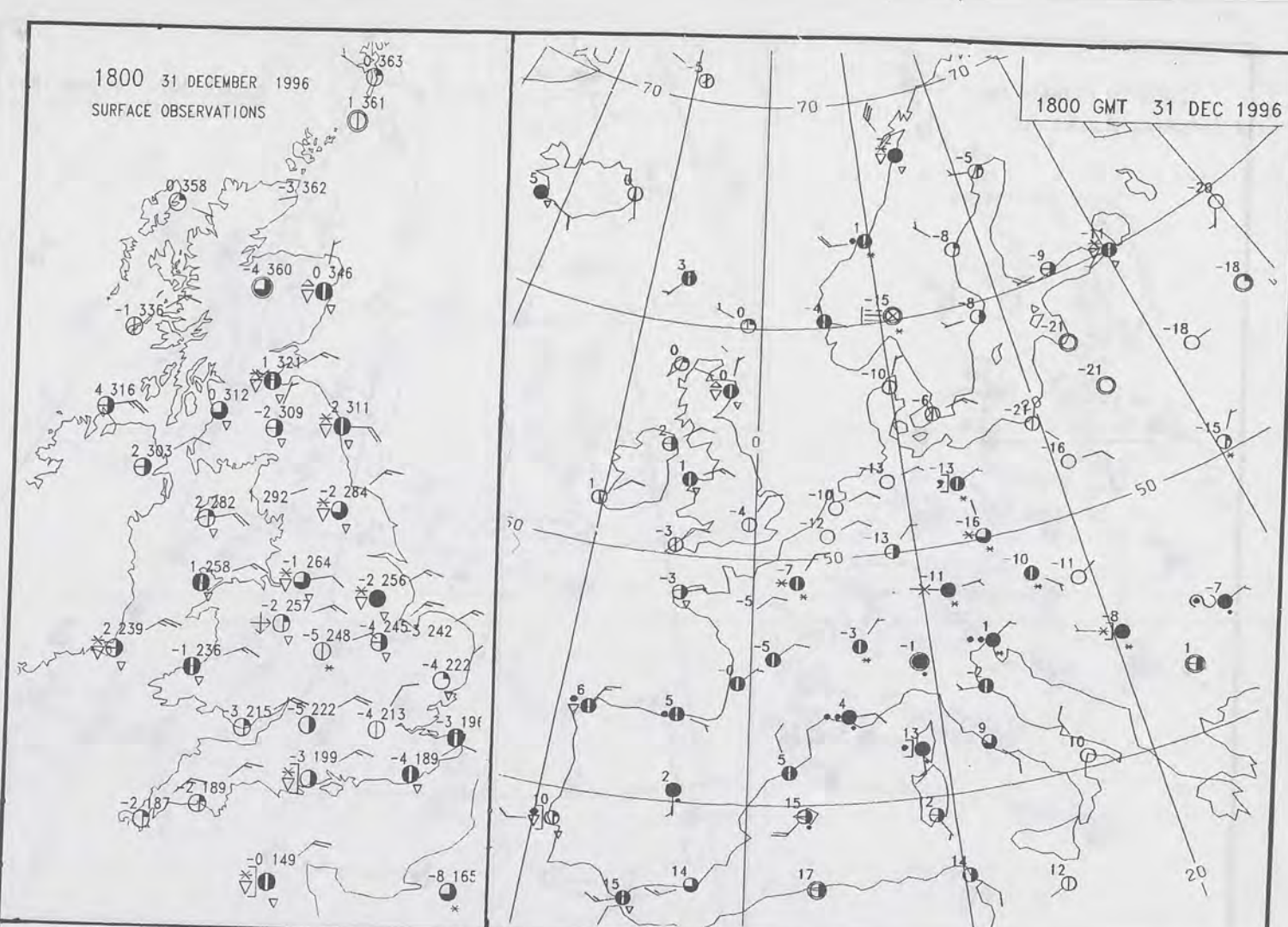
1200 31 DECEMBER 1996  
SURFACE OBSERVATIONS

1200 GMT 31 DEC 1996



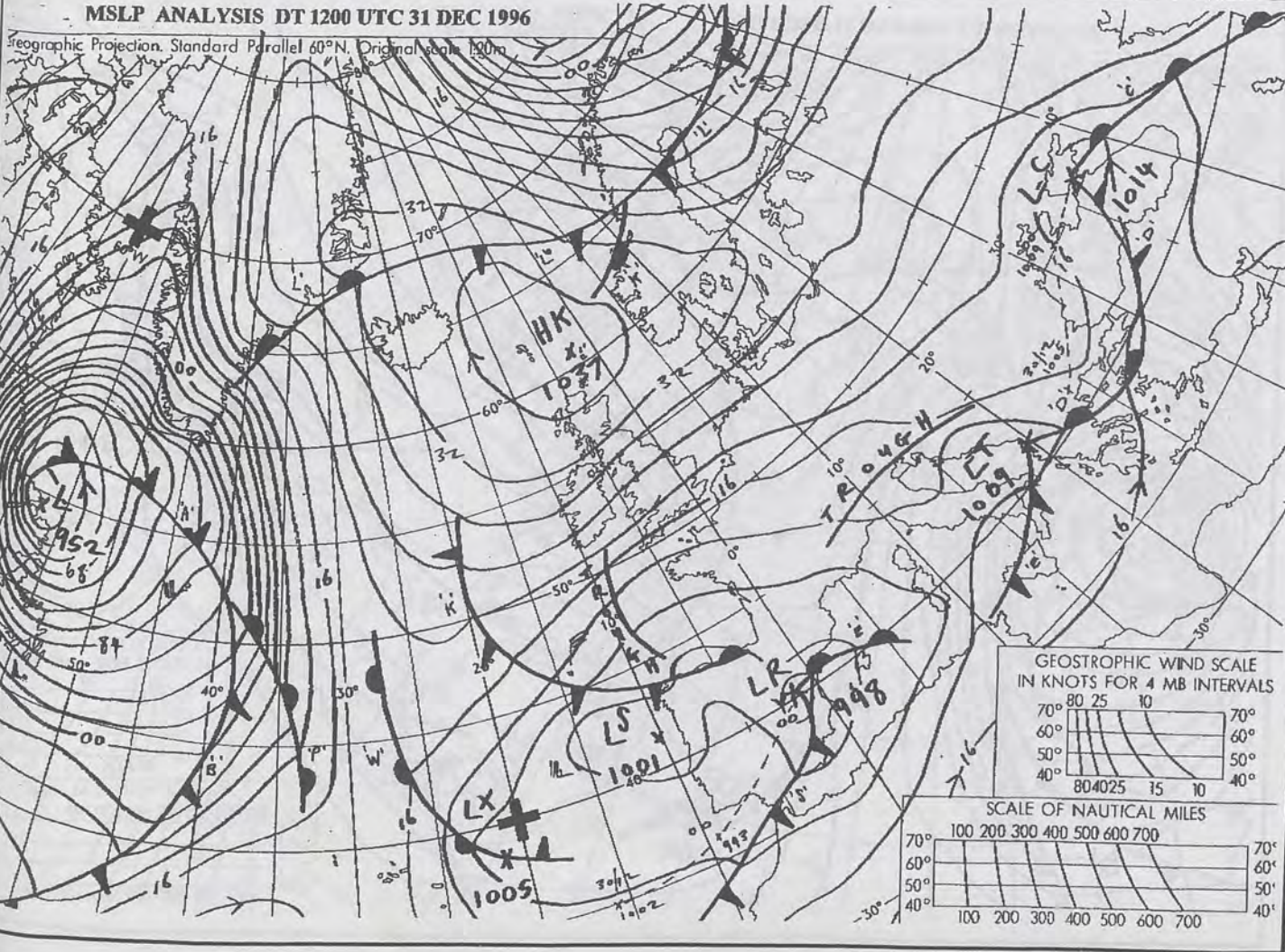
1800 31 DECEMBER 1996  
SURFACE OBSERVATIONS

1800 GMT 31 DEC 1996



MSLP ANALYSIS DT 1200 UTC 31 DEC 1996

Stereographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 1800 UTC 31 DEC 1996

Stereographic Projection, Standard Parallel 60°N, Original scale 1:20m

