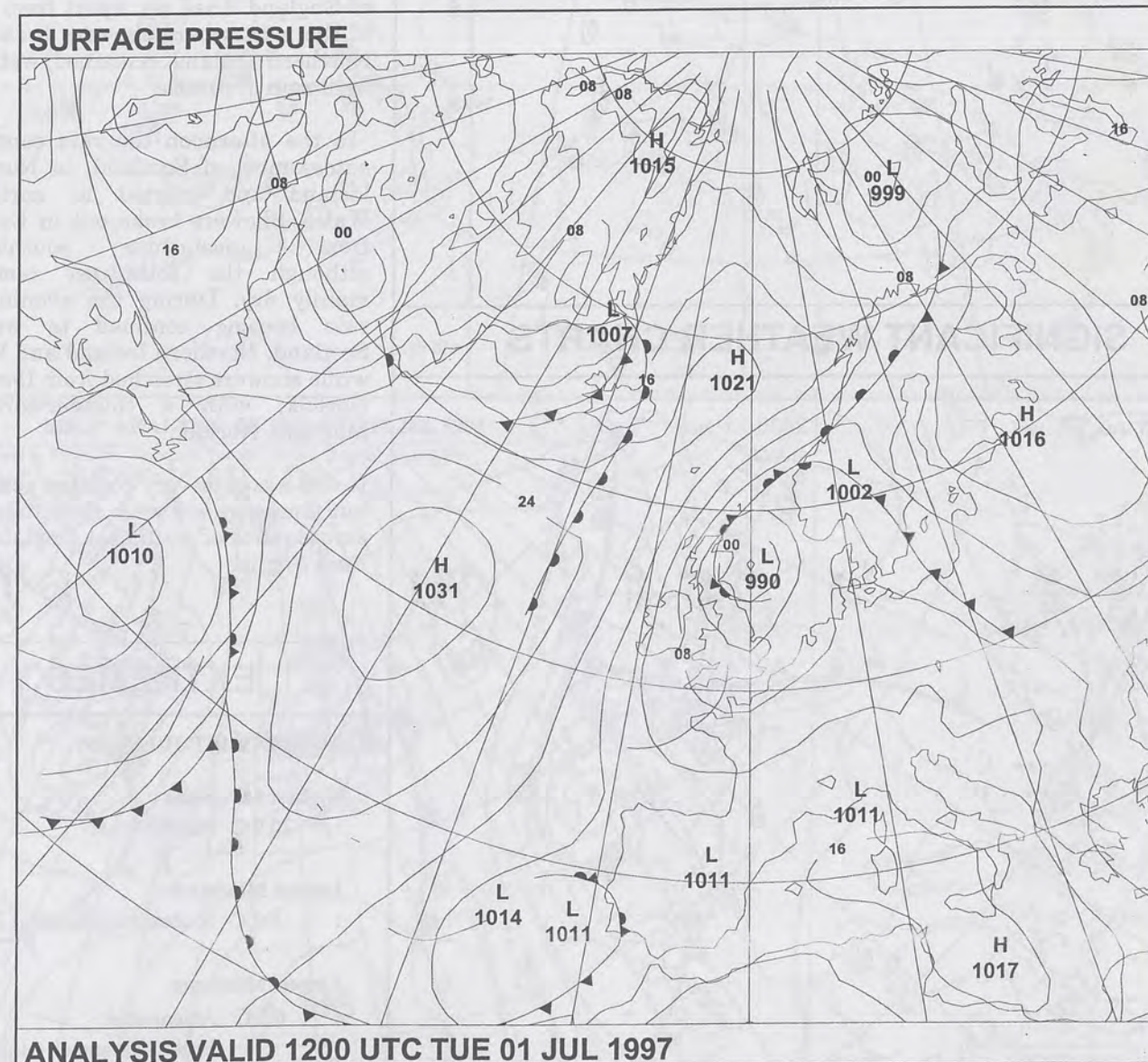




# The Met. Office

NATIONAL  
METEOROLOGICAL  
17 JUL 1997  
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## The Daily Weather Summary



**Tuesday 1 July 1997**



0600 1 JULY 1997  
SIGWX



1200 1 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 1 JULY 1997  
SIGWX



2400 1 JULY 1997  
SIGWX



## Summary of UK weather for Tuesday 1st July 1997

The day started wet in England, from Cambridgeshire northwards, and in Scotland, except for the extreme west. The rain was heavy in the northeast and in eastern Scotland. Showers were also being reported in central southern England, while patchy rain affected parts of the southeast. By dawn the heaviest rain was confined to northeast England and much of Scotland, while outbreaks of light rain occurred in the rest of England, apart from the southwest, and also in Northern Ireland.

The morning saw the heavier rain extend to the rest of Scotland, as most of England dried up, apart from parts of the west where showers broke out. Northern Ireland remained wet with light rain or drizzle.

In the afternoon the rain continued across most of Scotland, in Northern Ireland and started in northwest Wales. Showers broke out in England from Lincolnshire southwards, although the southwest remained mainly dry. During the evening the rain became confined to western Scotland, Northern Ireland and Wales, while showers stretched from Dorset to Norfolk, with a thunderstorm at Marham, Norfolk.

It was a cool or very cool day generally but temperatures were close to normal across parts of southeast England and East Anglia.

## EXTREMES

### TUESDAY 1ST JULY 1997

**Highest Maximum**  
: 20.9 C Poole (Dorset)

**Lowest Maximum**  
: 8.2 C Spadeadam (Cumbria)

**Lowest Minimum**  
: 6.0 C Aviemore &  
Loch Glascarnoch (Highland)

**Lowest Grass Minimum**  
: 2.6 C Yeovilton (Somerset)

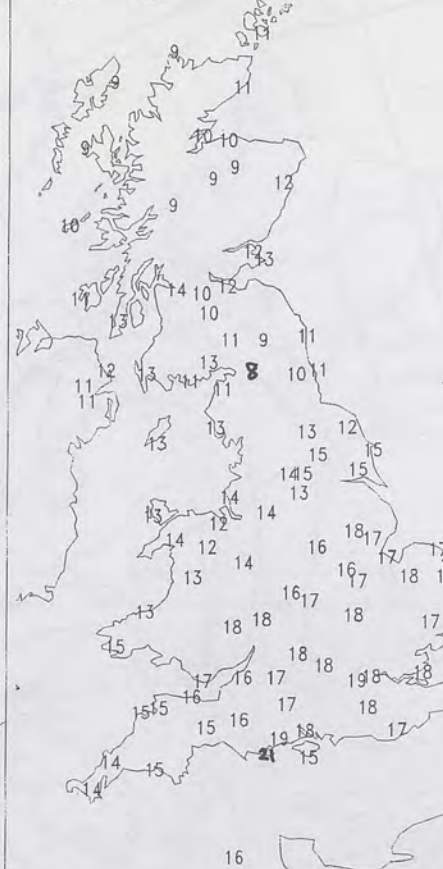
**Most Rain (24 hrs from 0900 GMT)**  
: 43.0 mm Inchmarlo (Aberdeenshire)

**Most Sunshine**  
: 12.9 hrs Isle of Wight

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
1 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
1 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
1 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
1 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
1 JULY 1997



## DAILY WEATHER SUMMARY



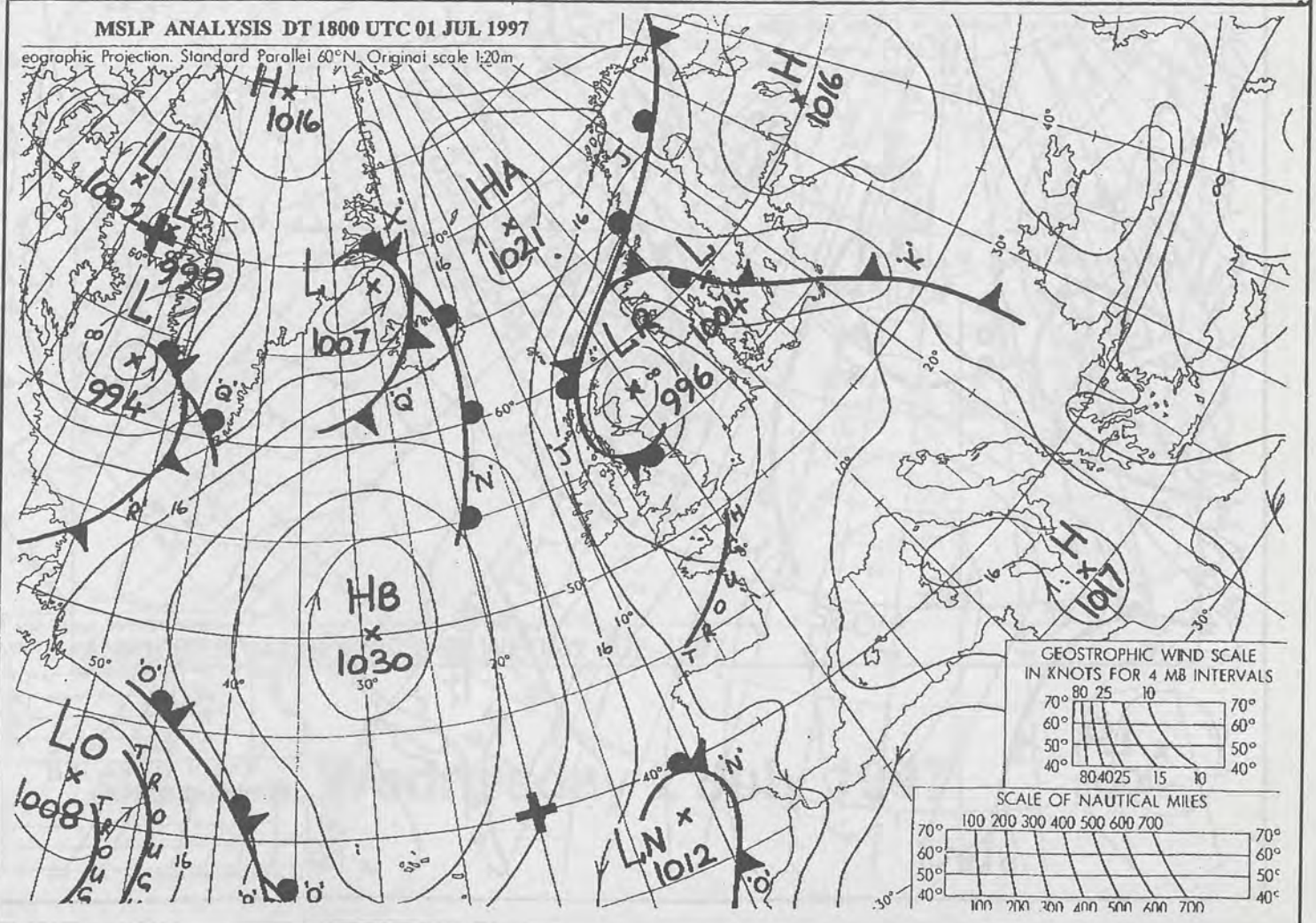
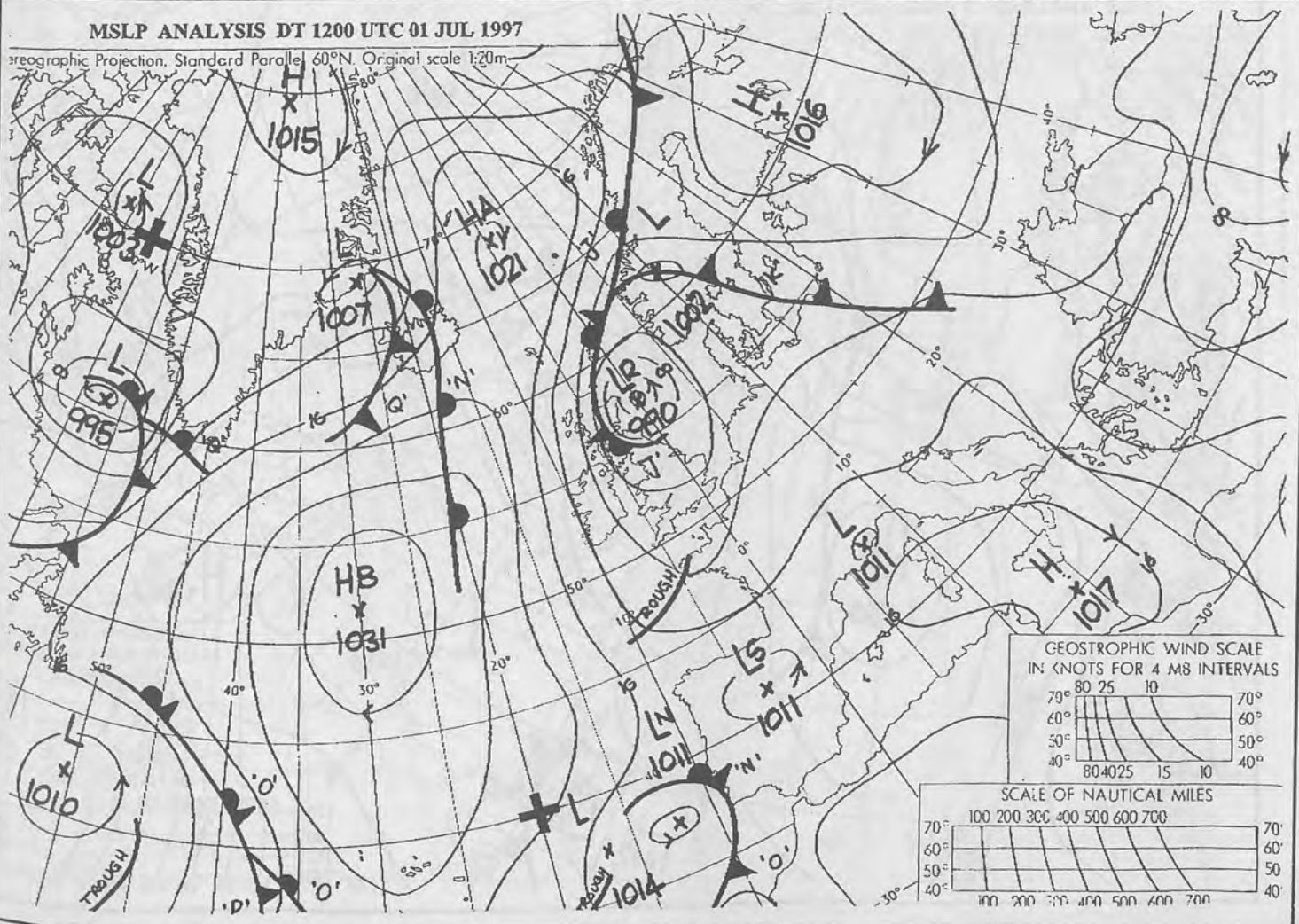
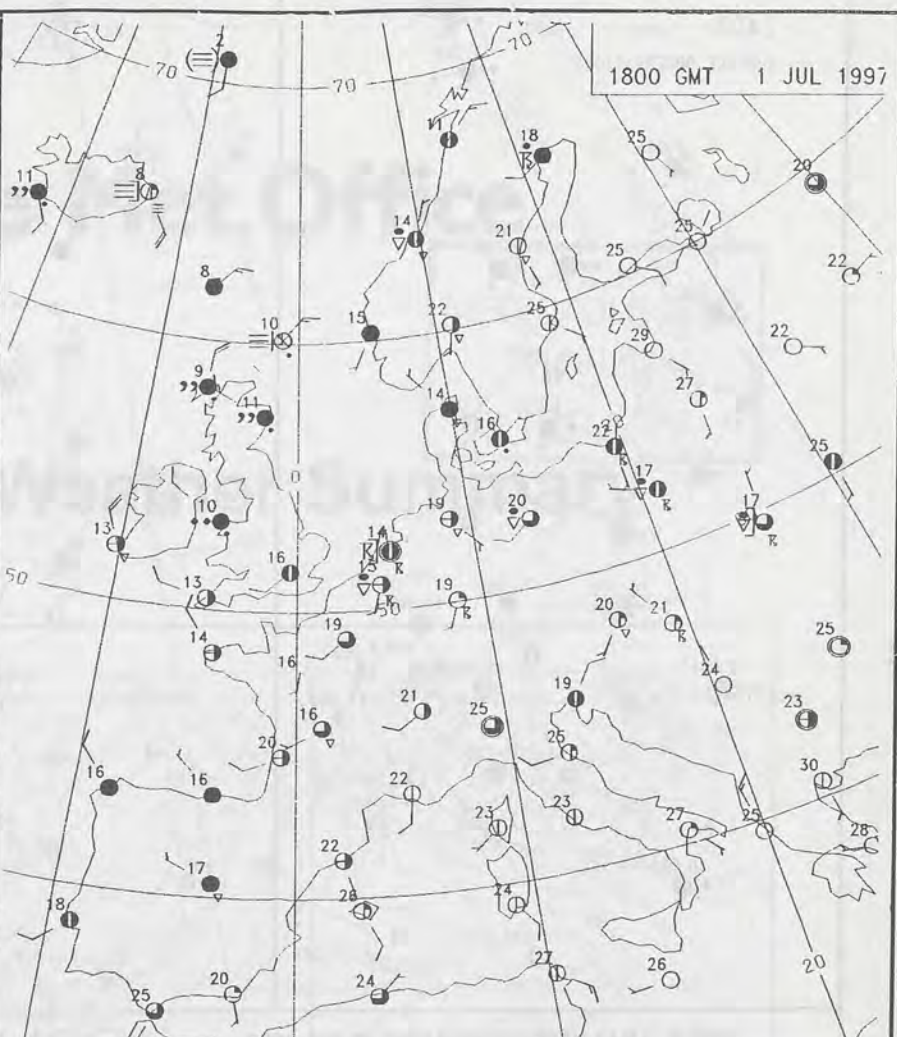
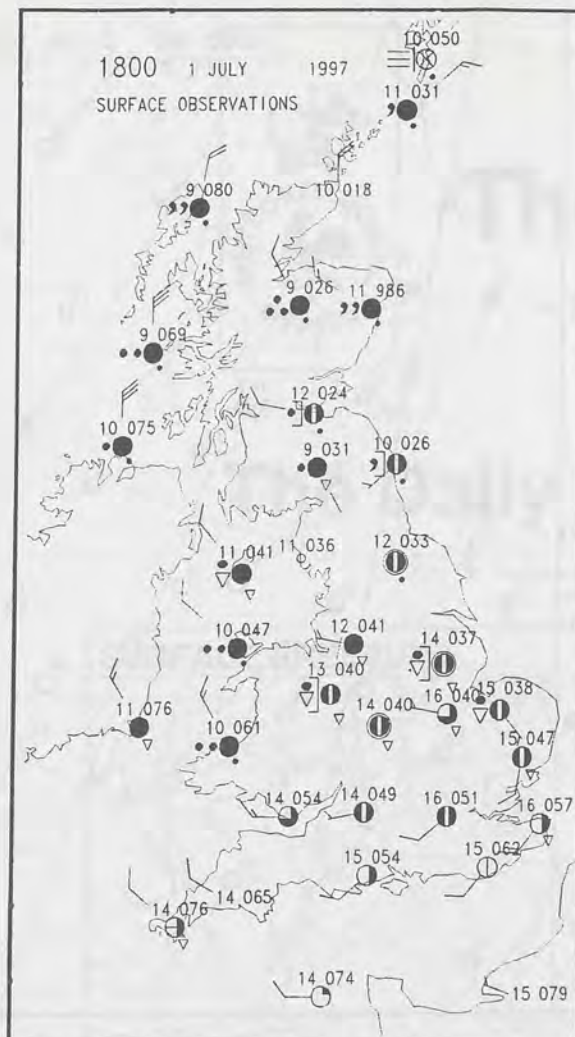
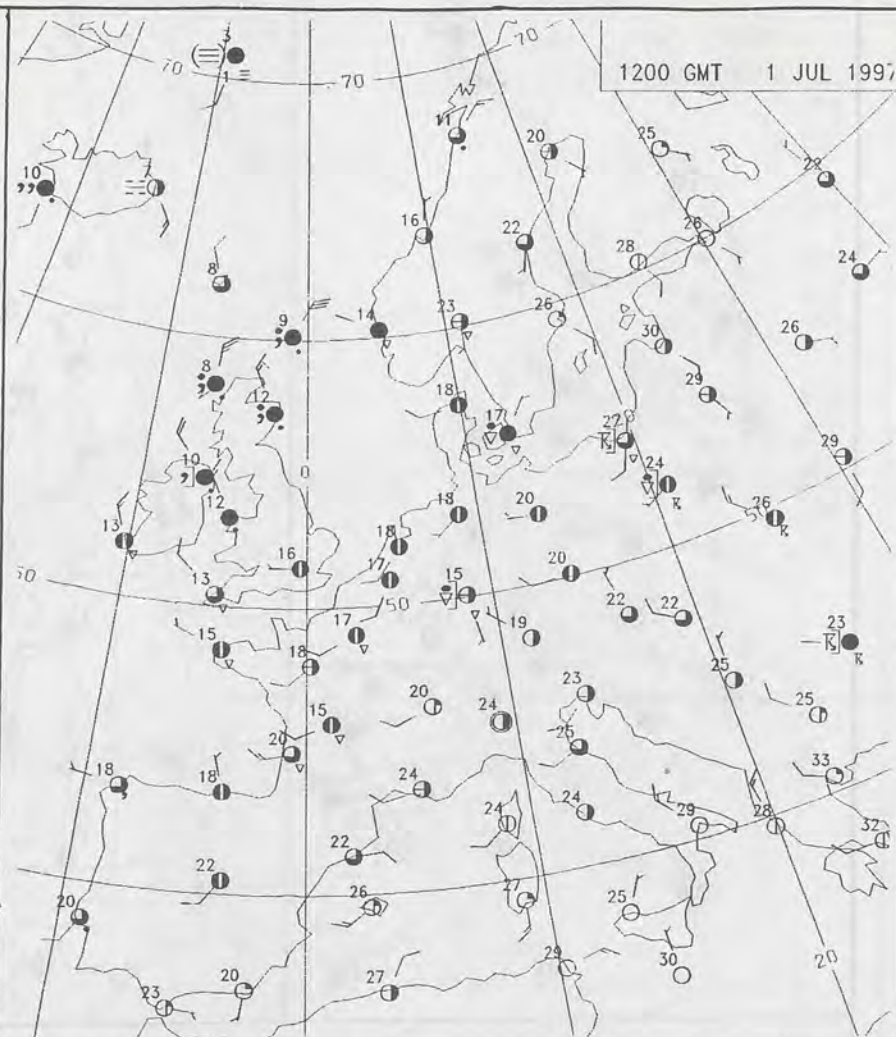
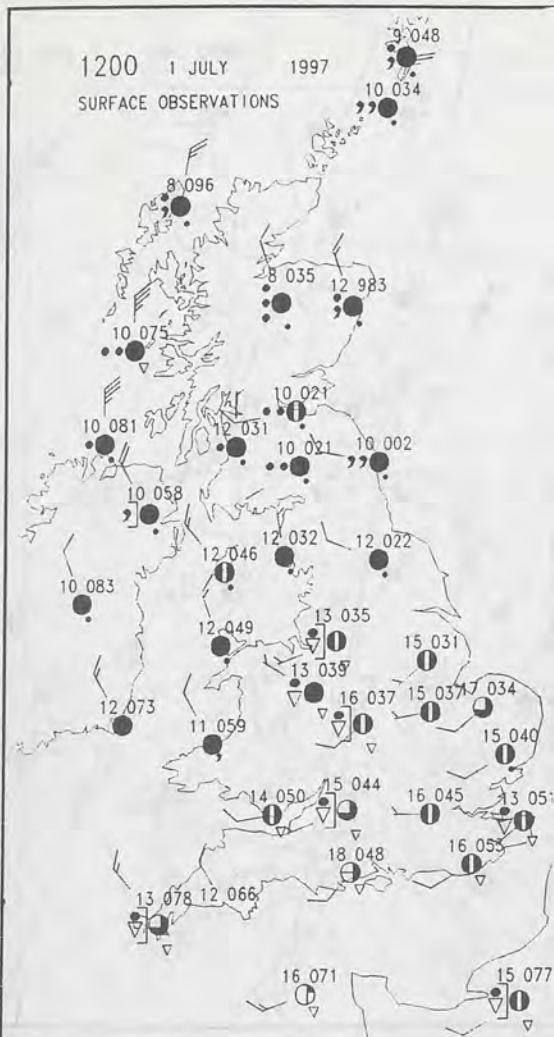
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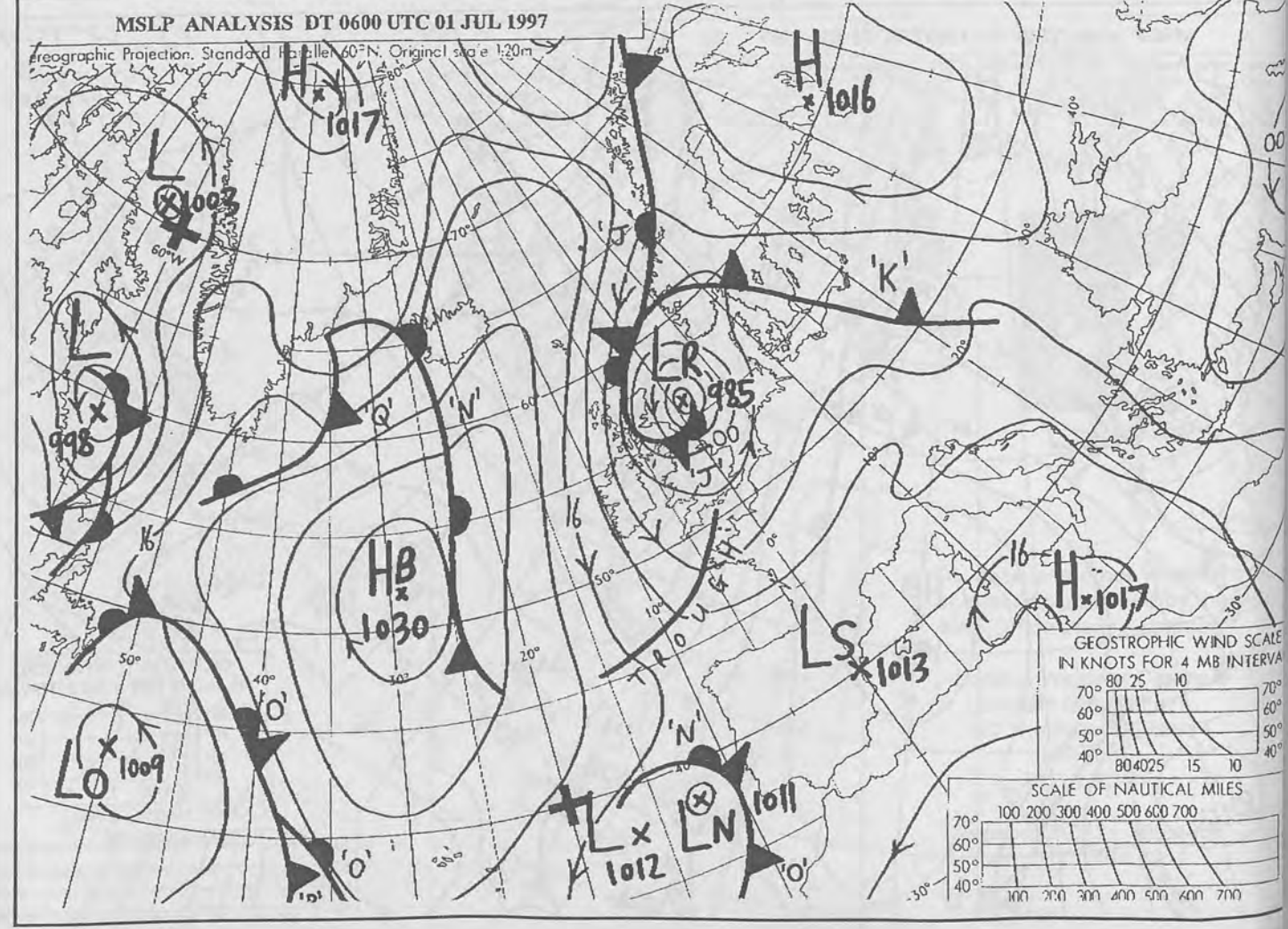
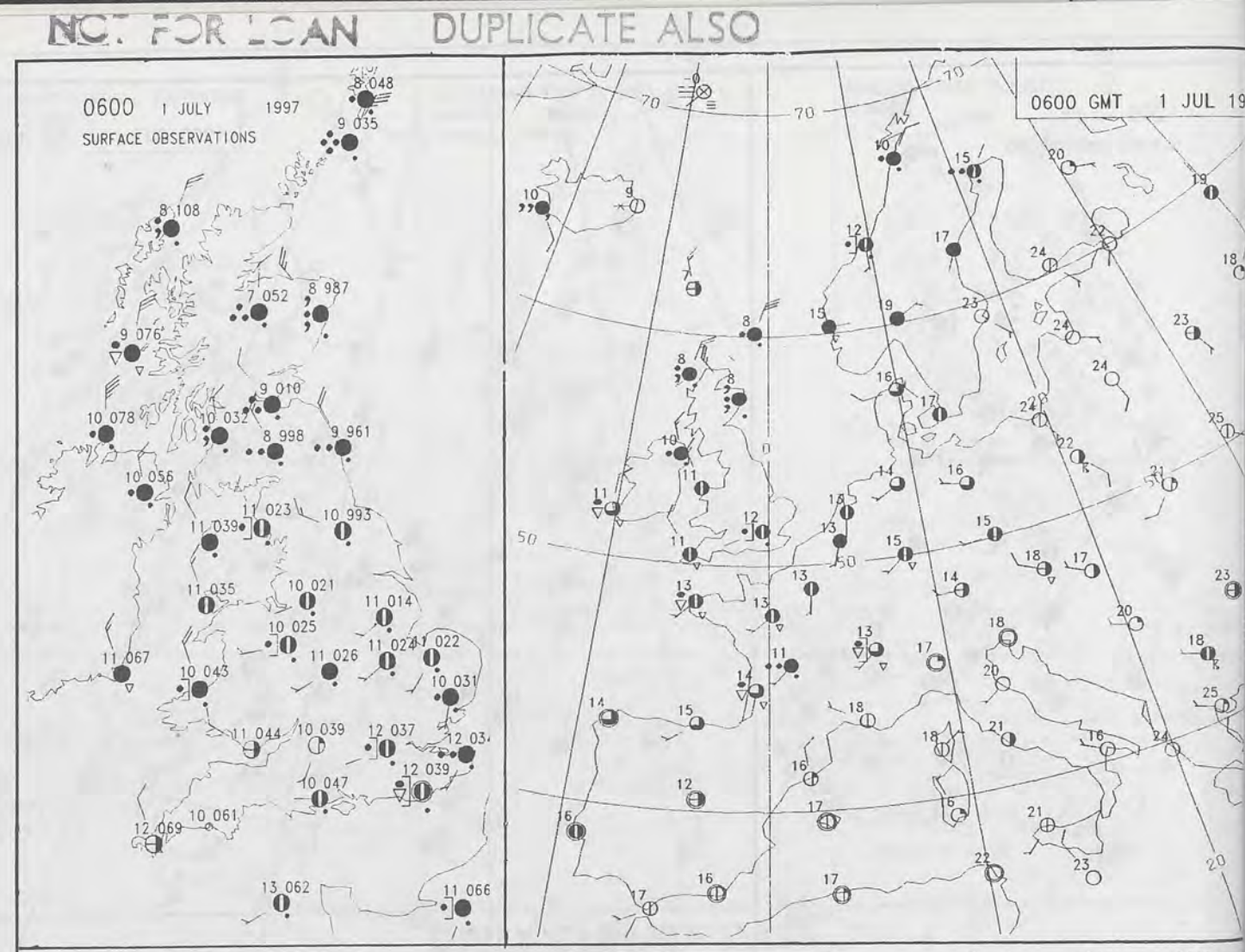
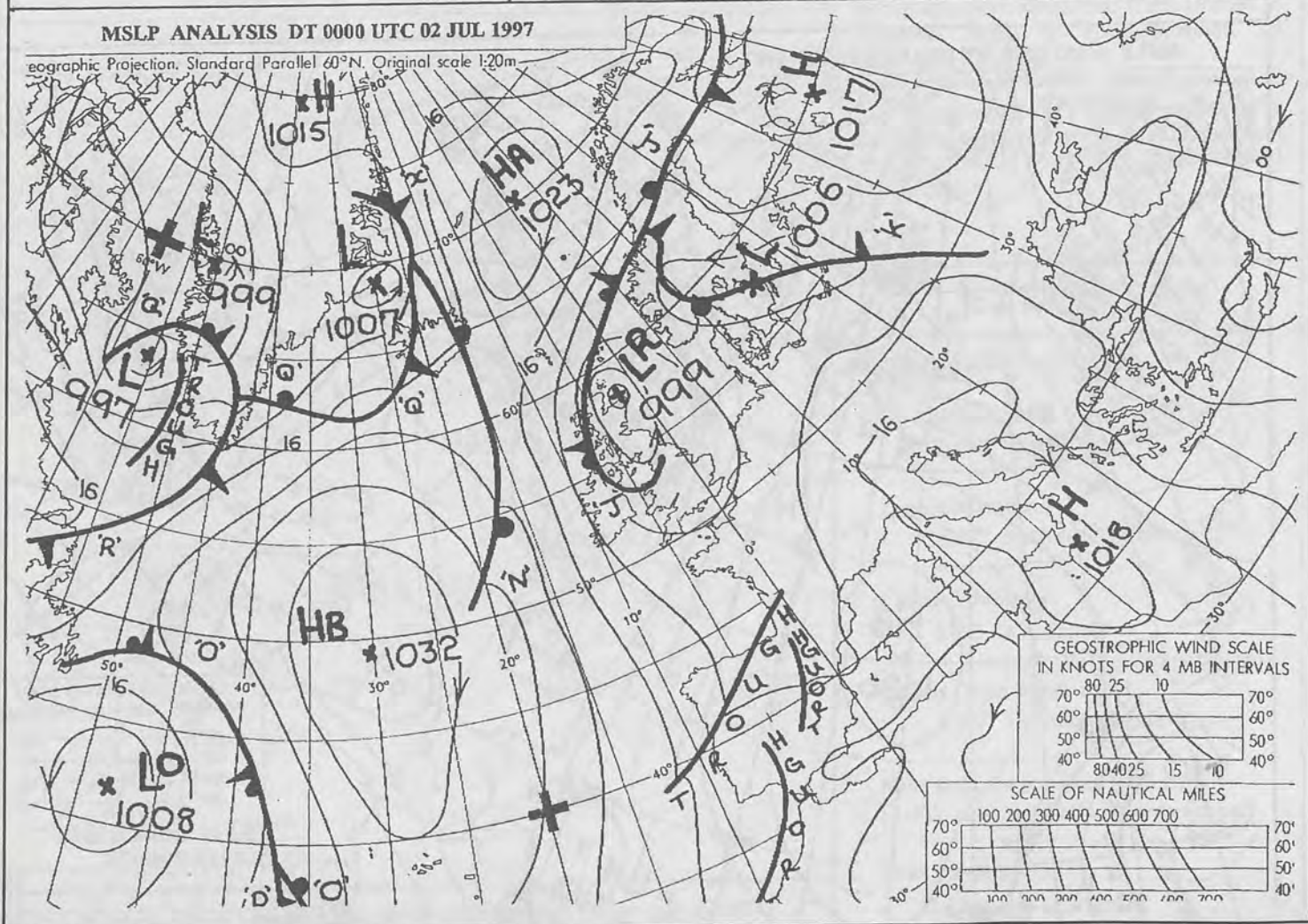
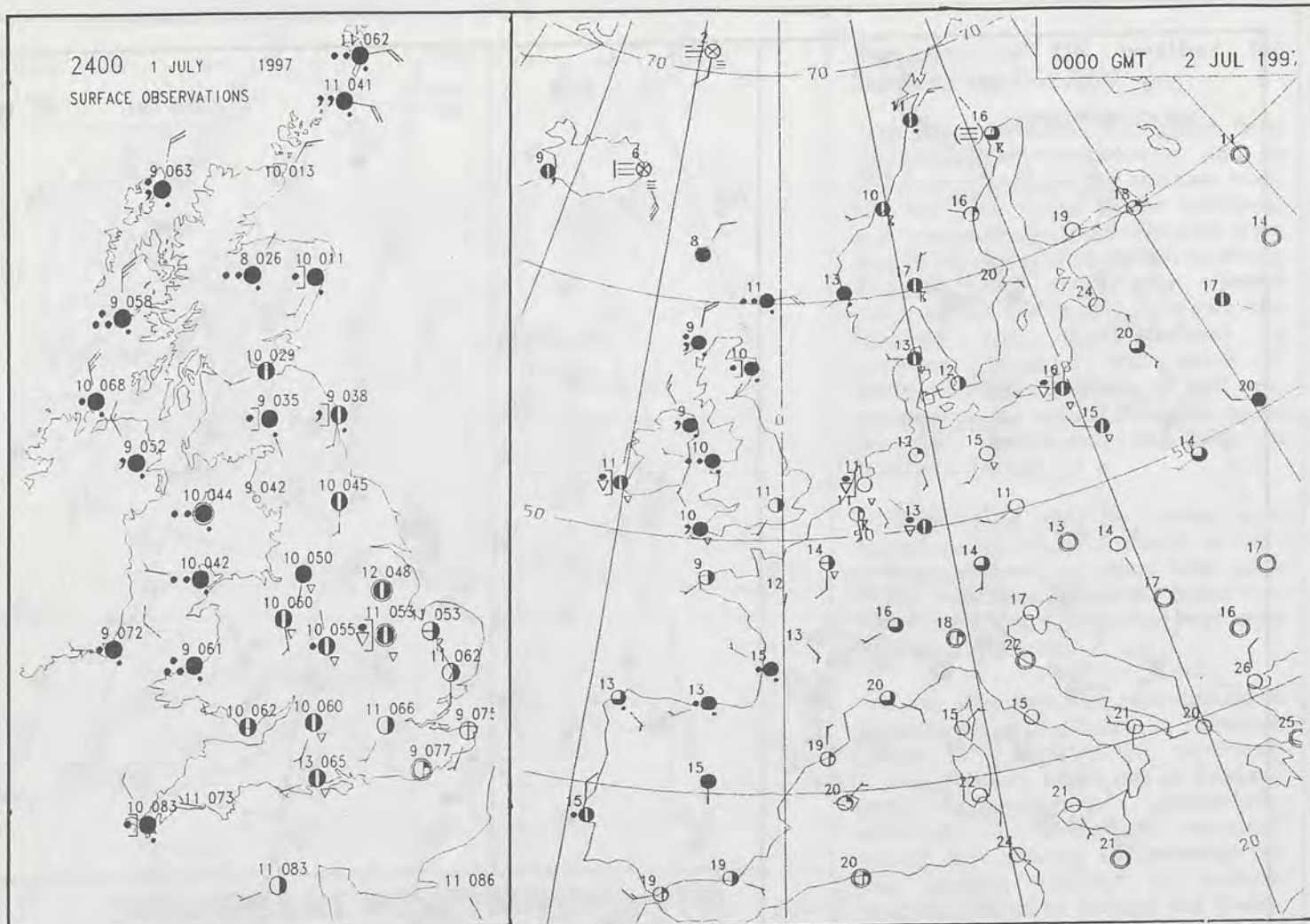
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DT 12Z WED 2/7/97 VI 12Z WED 2/7/97 GMAIN T+0  
THICKNESS DM. 500-1000MB  
HEIGHT DM. 500-1000MB



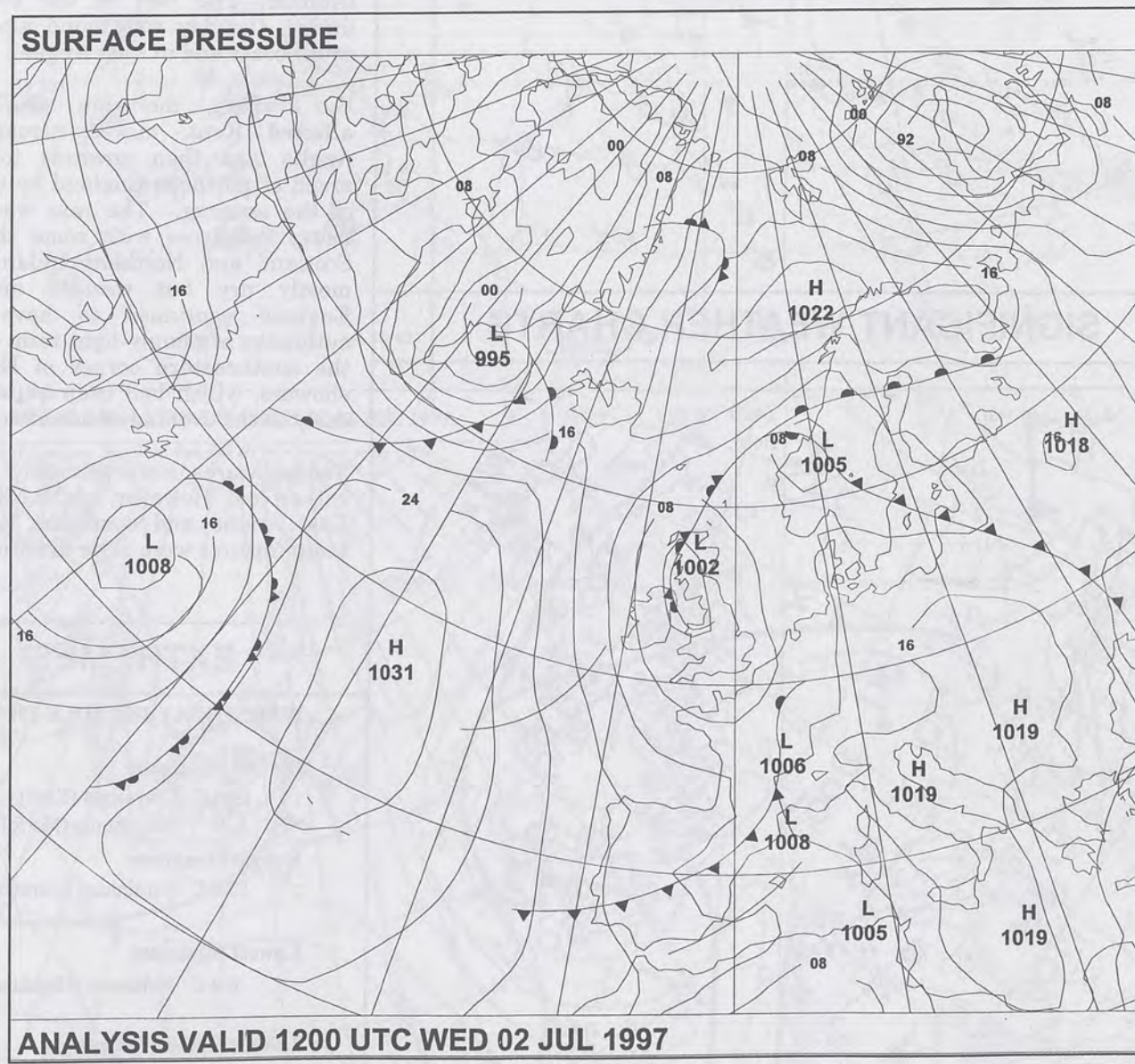
THICKNESS DM. 500-1000MB  
HEIGHT DM. 500MB  
DT 12Z WED 2/ 7/97 VT 12Z WED 2/ 7/97 GMAIN T+ 0  
SCALE  
INTERVA  
70°  
60°  
50°  
40°



# The Met. Office

NATIONAL  
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17 JUL 1997  
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## The Daily Weather Summary



Wednesday 2 July 1997



0600 2 JULY 1997

SIGWX



1200 2 JULY 1997

SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 2 JULY 1997

SIGWX



2400 2 JULY 1997

SIGWX



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## Summary of UK weather for Wednesday 2nd July 1997

During the early hours there were outbreaks of rain or drizzle across northern Scotland, Northern Ireland and western areas of Britain. Most other areas were dry although there were a few showers scattered around.

During the morning, the outbreaks of rain, some of them heavy, became more confined to western Britain and Northern Ireland, with much of Scotland becoming dry. Northern Ireland also became mostly dry during the afternoon but the rain became more persistent for a time over the southwest of England and an area of rain moved across parts of Kent. Over the rest of the country, showers broke out and some were heavy with hail and thunder. The best of the sunshine during the day was found along the south coast and in East Anglia.

By evening, the rain which had affected Kent, moved across East Anglia and then onwards to reach much of northern England by the end of the evening. The rain was quite heavy in places with some thunder. Scotland and Northern Ireland were mostly dry but western areas of England continued to have some outbreaks of mainly light rain. Across the southeastern corner of England, showers, which had been quite heavy early in the evening, tended to die out.

Temperatures were generally cool or rather cool. However, in the Midlands, East Anglia and southeast England, temperatures were close to normal.

## EXTREMES

## WEDNESDAY 2ND JULY 1997

## Highest Maximum

: 19.4 C Gravesend (Kent)  
Weybourne (Norfolk)

## Lowest Maximum

: 10.8 C Cardinham (Cornwall)

## Lowest Minimum

: 6.4 C Aviemore (Highland)

## Lowest Grass Minimum

: 3.0 C Boscombe Down  
(Wiltshire)

## Most Rain (24 hrs from 0900 GMT)

: 20.2 mm Aberporth  
(Ceredigion)

## Most Sunshine

: 10.1 hrs Hemsby (Norfolk)

## NIGHT MINIMUM TEMPERATURE

(DEGREES C)

2 JULY 1997



## DAY MAXIMUM TEMPERATURE

(DEGREES C)

2 JULY 1997



## SUNSHINE (DAWN TO DUSK)

(HOURS)

2 JULY 1997



X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

## NIGHT RAINFALL

(MILLIMETRES)

2 JULY 1997



INDICATES TRACE TO 0.4 MM

## DAY RAINFALL

(MILLIMETRES)

2 JULY 1997



X INDICATES TRACE TO 0.4 MM

DAILY  
WEATHER  
SUMMARY

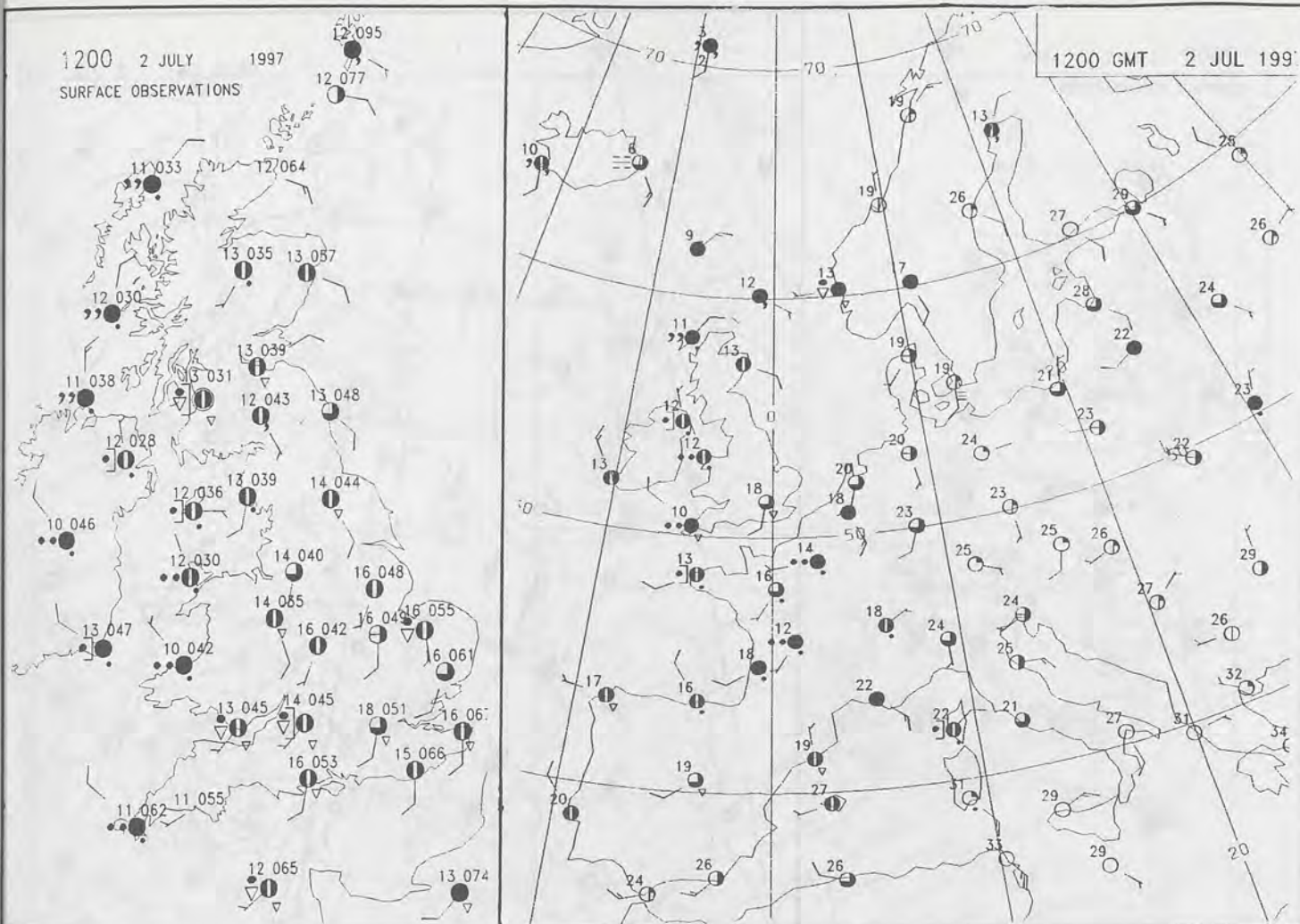
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Telephone: 0171 405 4358  
Fax: 0171 404 4314

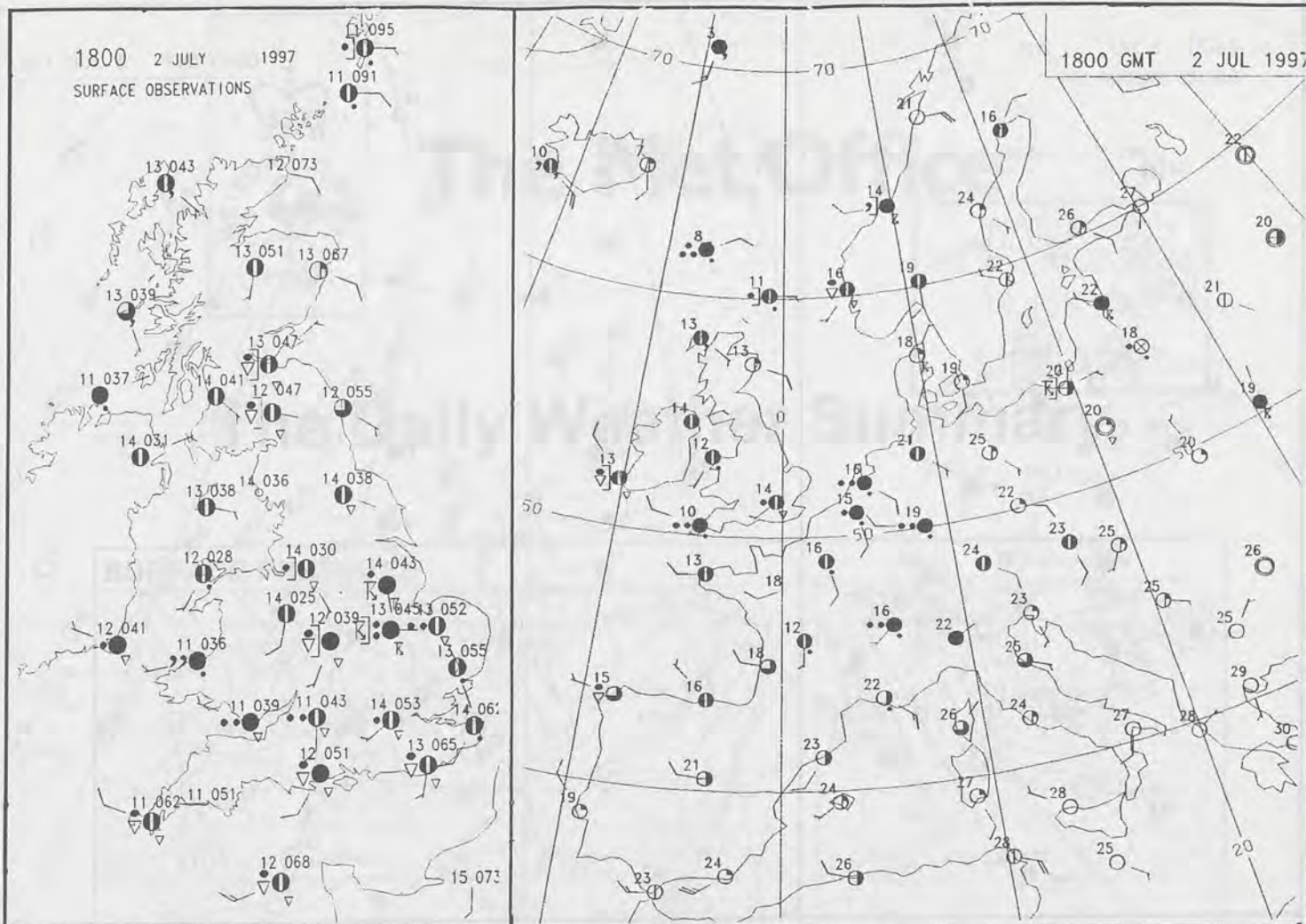


1200 2 JULY 1997  
SURFACE OBSERVATIONS



1200 GMT 2 JUL 1997

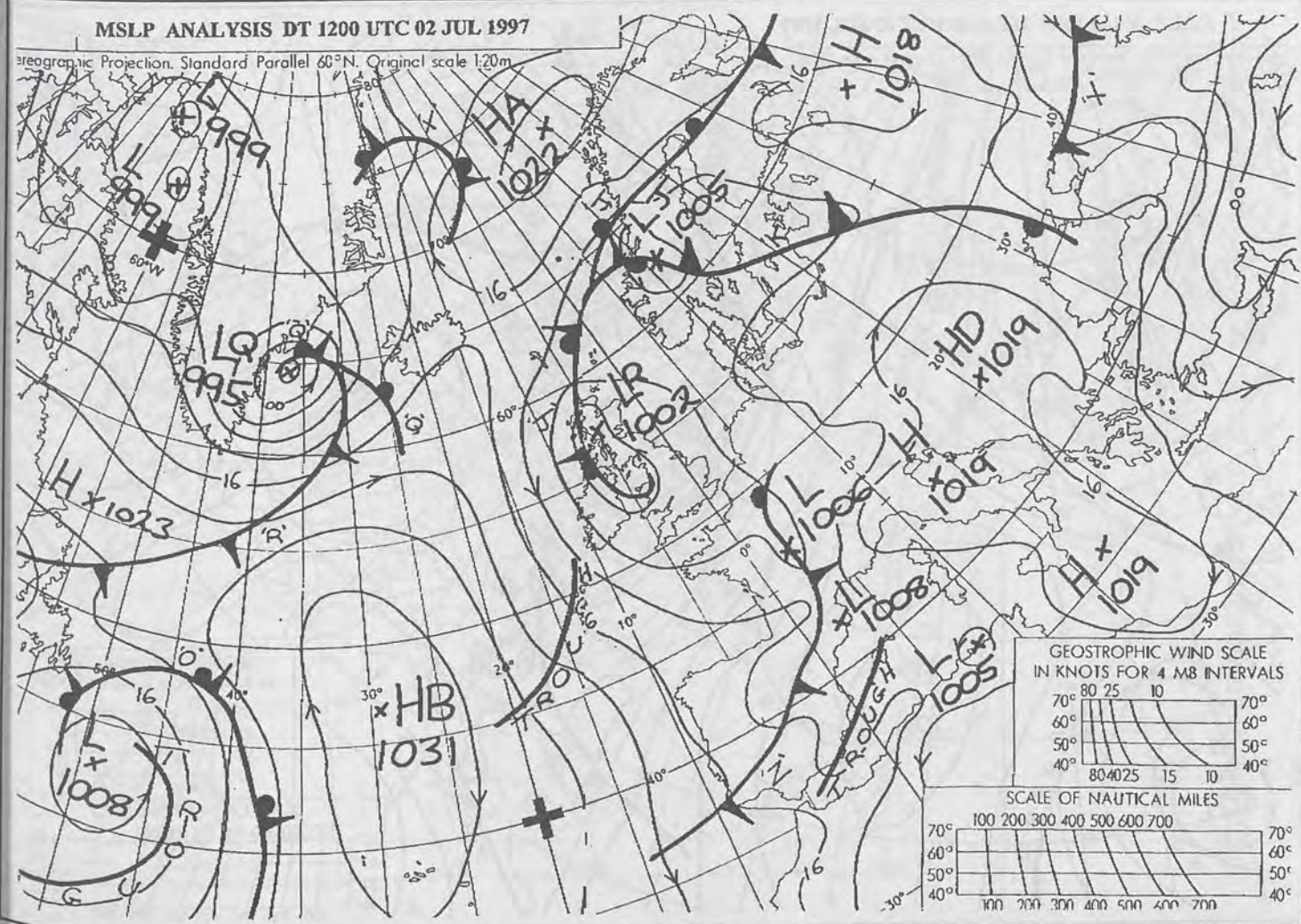
1800 2 JULY 1997  
SURFACE OBSERVATIONS



1800 GMT 2 JUL 1997

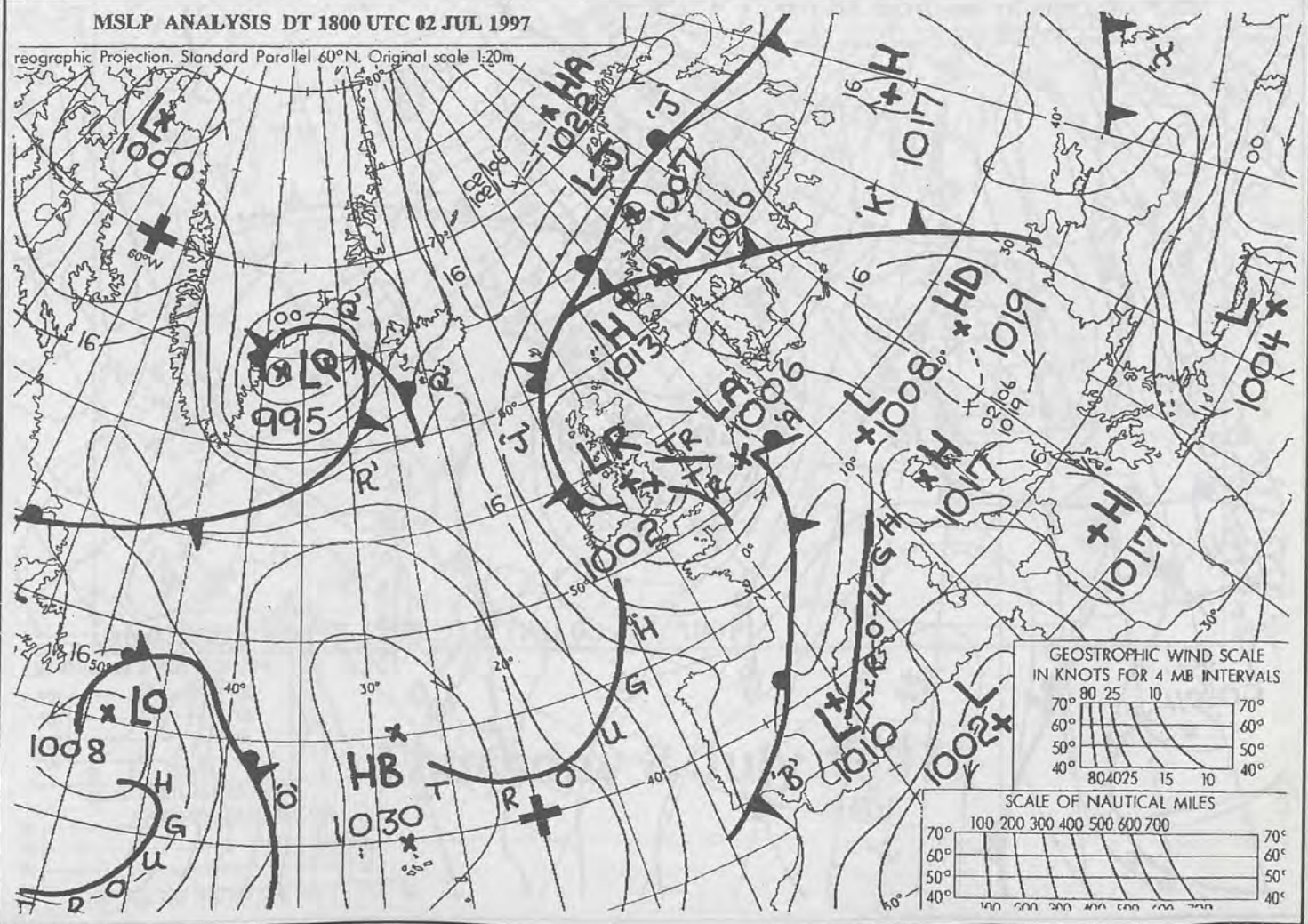
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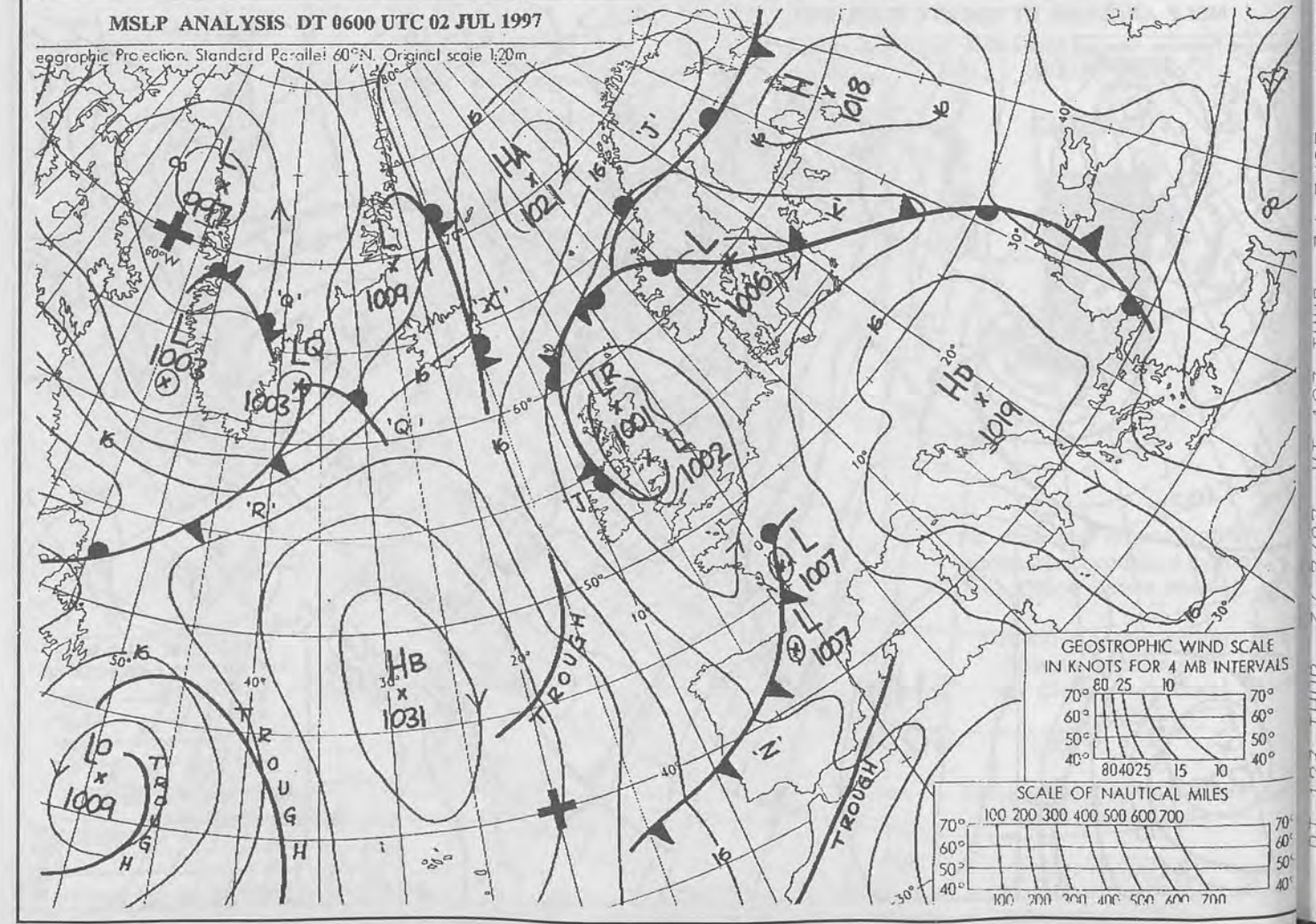
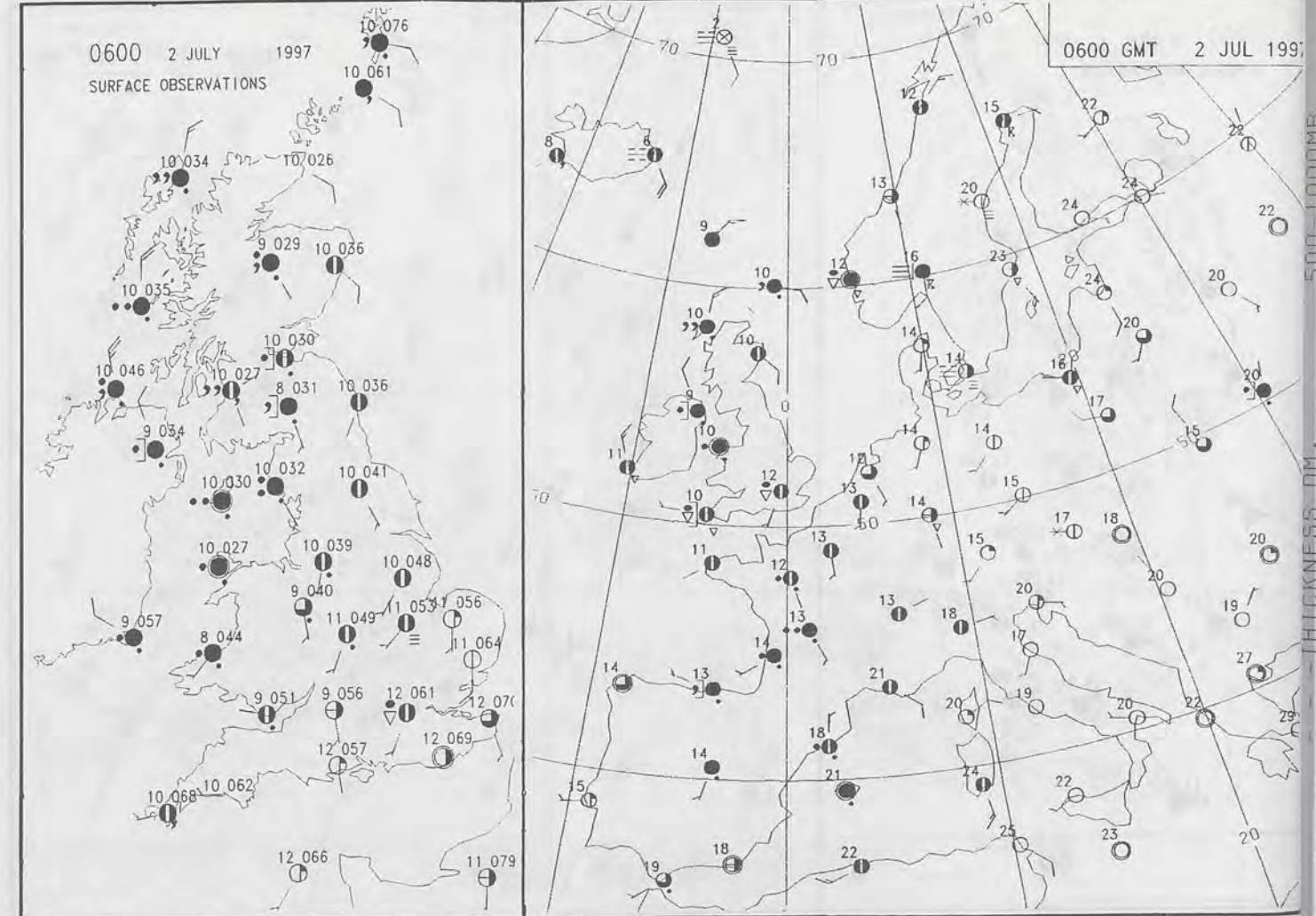
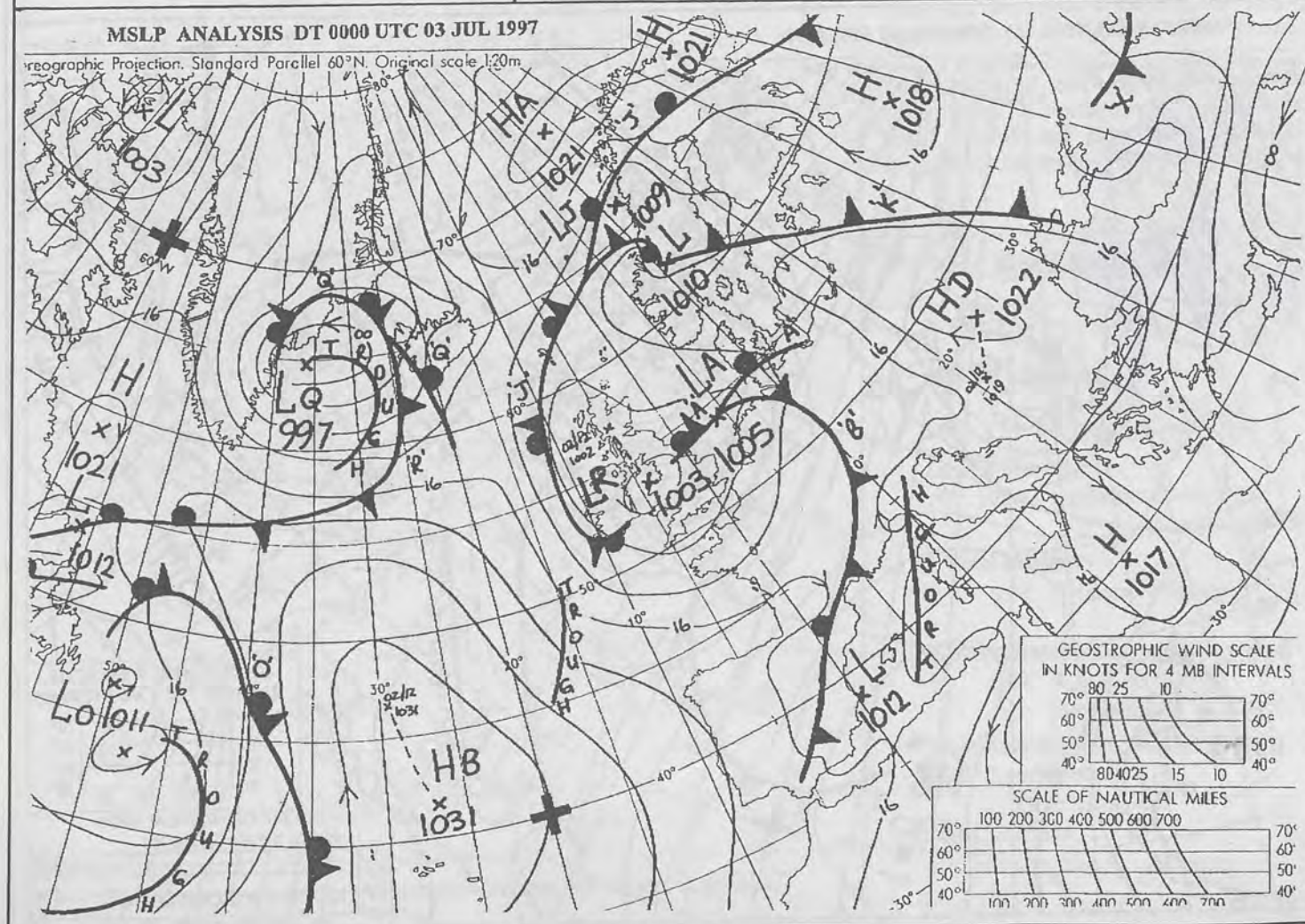
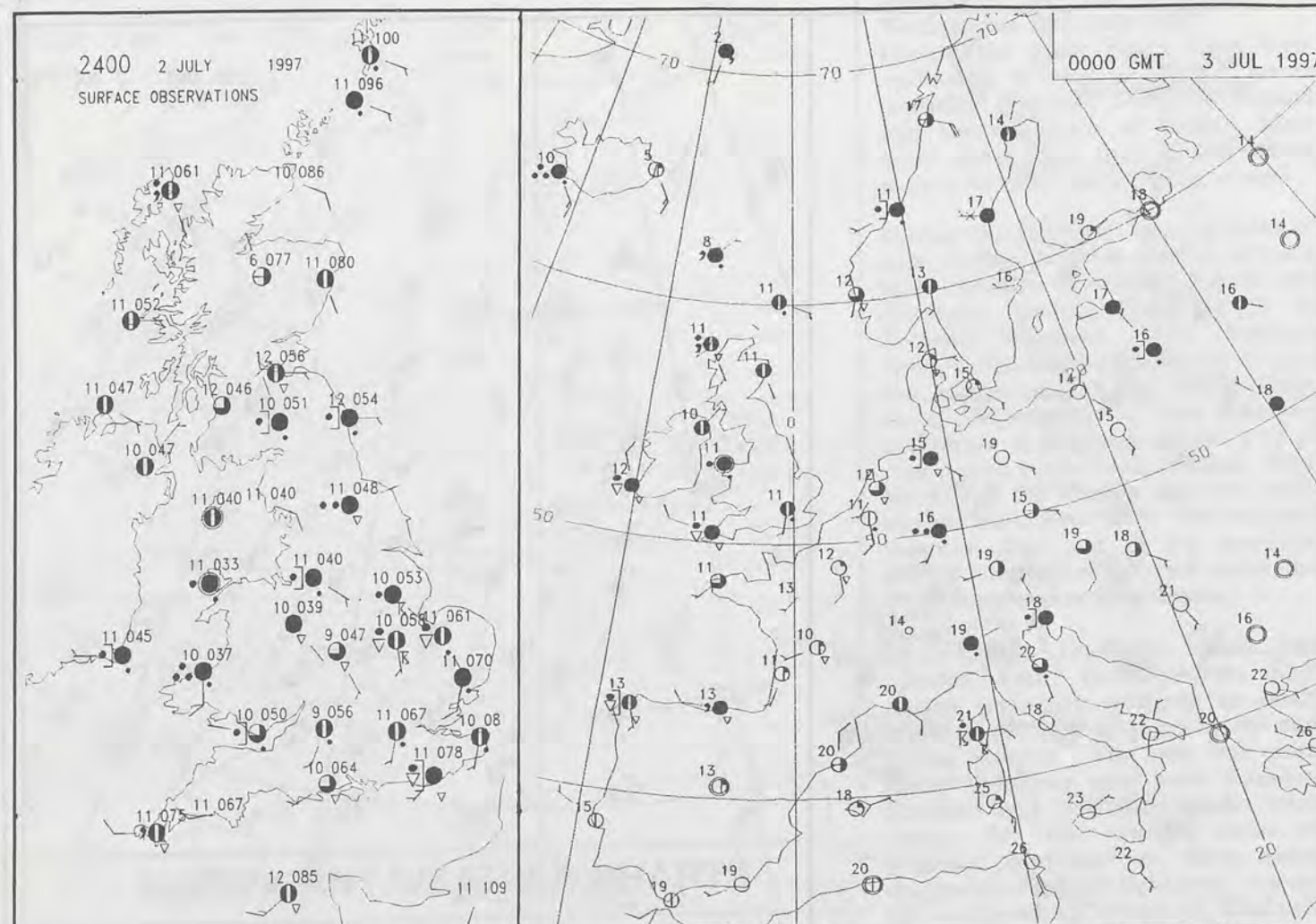


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Geographic Projection, Standard Parallel 60°N, Original scale 1:20m

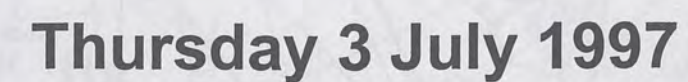
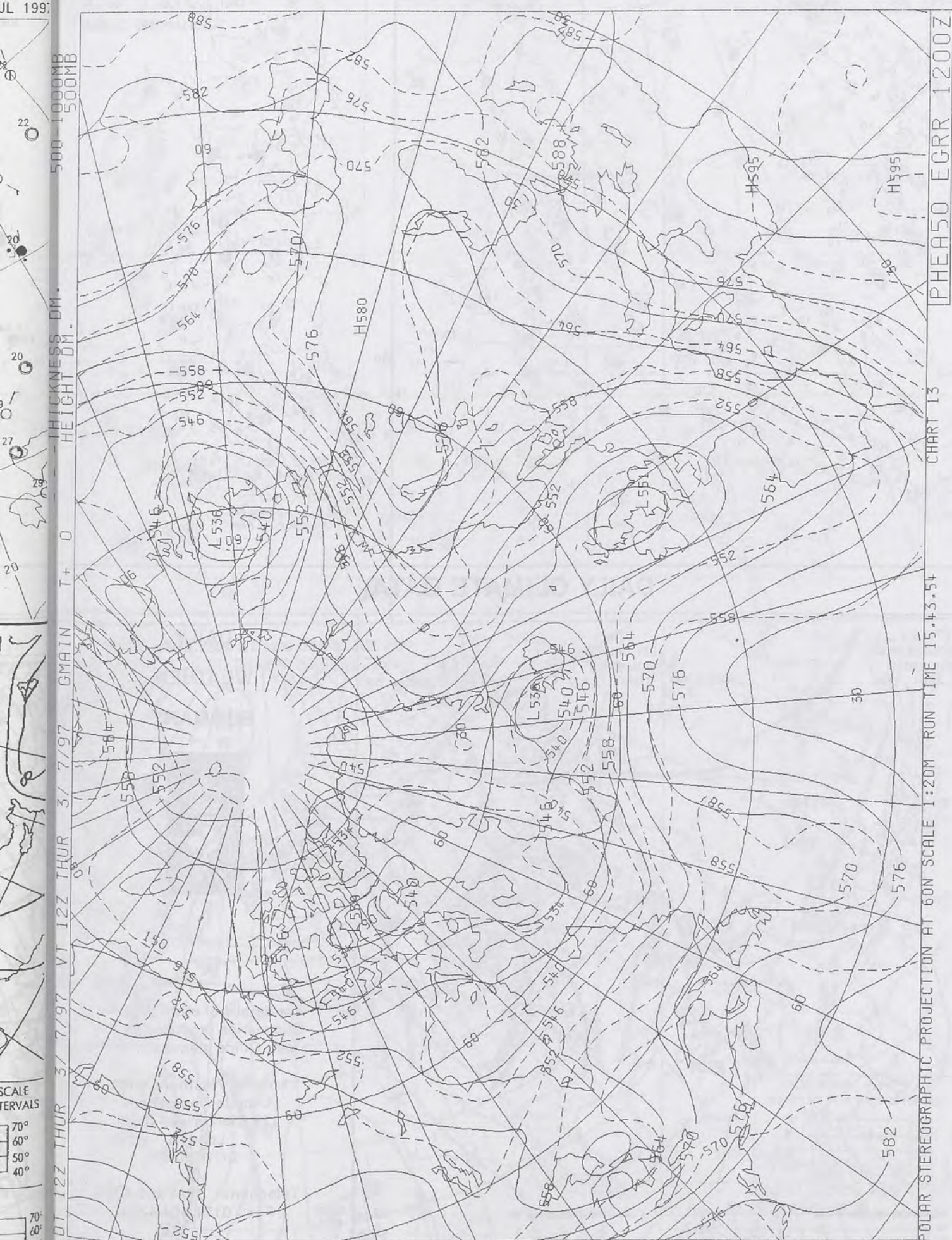








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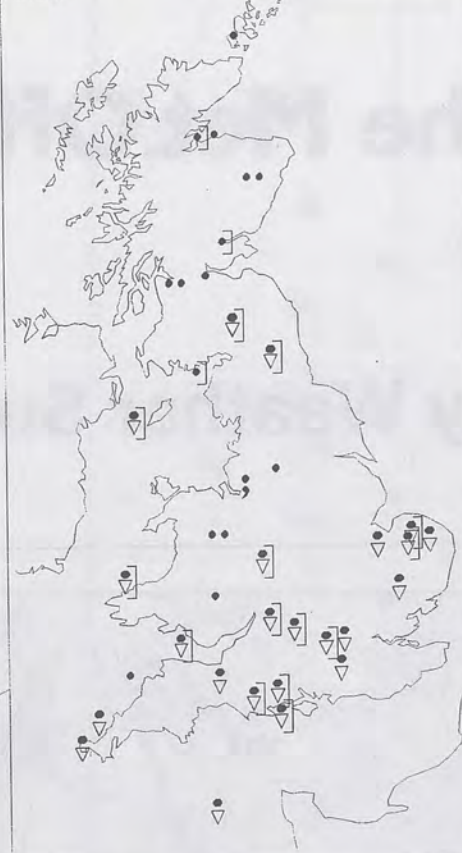




0600 3 JULY 1997  
SIGWX



1200 3 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 3 JULY 1997  
SIGWX



2400 3 JULY 1997  
SIGWX



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## Summary of UK weather for Thursday 3rd July 1997

It was a dry night in many areas of England and Wales although there were a scattering of showers, especially across southern England and there were some longer spells of rain in west Wales for a time. Rain across northern England gradually moved into southern Scotland during the early hours. The rest of Scotland and Northern Ireland was mostly dry although there was some drizzle in the Northern Isles. It turned misty in some places.

During the day there were sunny spells interspersed with a liberal scattering of showers over most of England, Wales and Northern Ireland. Some of the showers were heavy and prolonged and there were a few rumbles of thunder in northeast England and Northern Ireland. There were longer outbreaks of rain across many parts of Scotland and the Northern Isles but the Western Isles did see the best of any sunshine.

Many places became dry during the evening but showers continued in places, especially in central England.

It was generally a rather cool day across the country.

## EXTREMES

### THURSDAY 3RD JULY 1997

#### Highest Maximum

: 19.0 C Poole (Dorset)

#### Lowest Maximum

: 11.2 C Inverbervie  
(Aberdeenshire)

#### Lowest Minimum

: 3.9 C Loch Glascarnoch  
(Highland)

#### Lowest Grass Minimum

: 0.2 C Loch Glascarnoch  
(Highland)

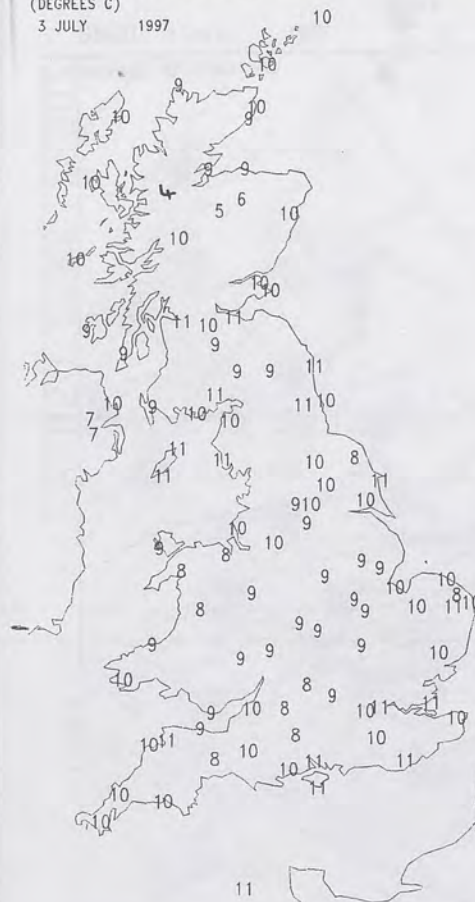
#### Most Rain (24 hrs from 0900 GMT)

: 16.8 mm Newcastle

#### Most Sunshine

: 11.9 hrs Tiree (Inner Hebrides)

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
3 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
3 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
3 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
3 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
3 JULY 1997



## DAILY WEATHER SUMMARY



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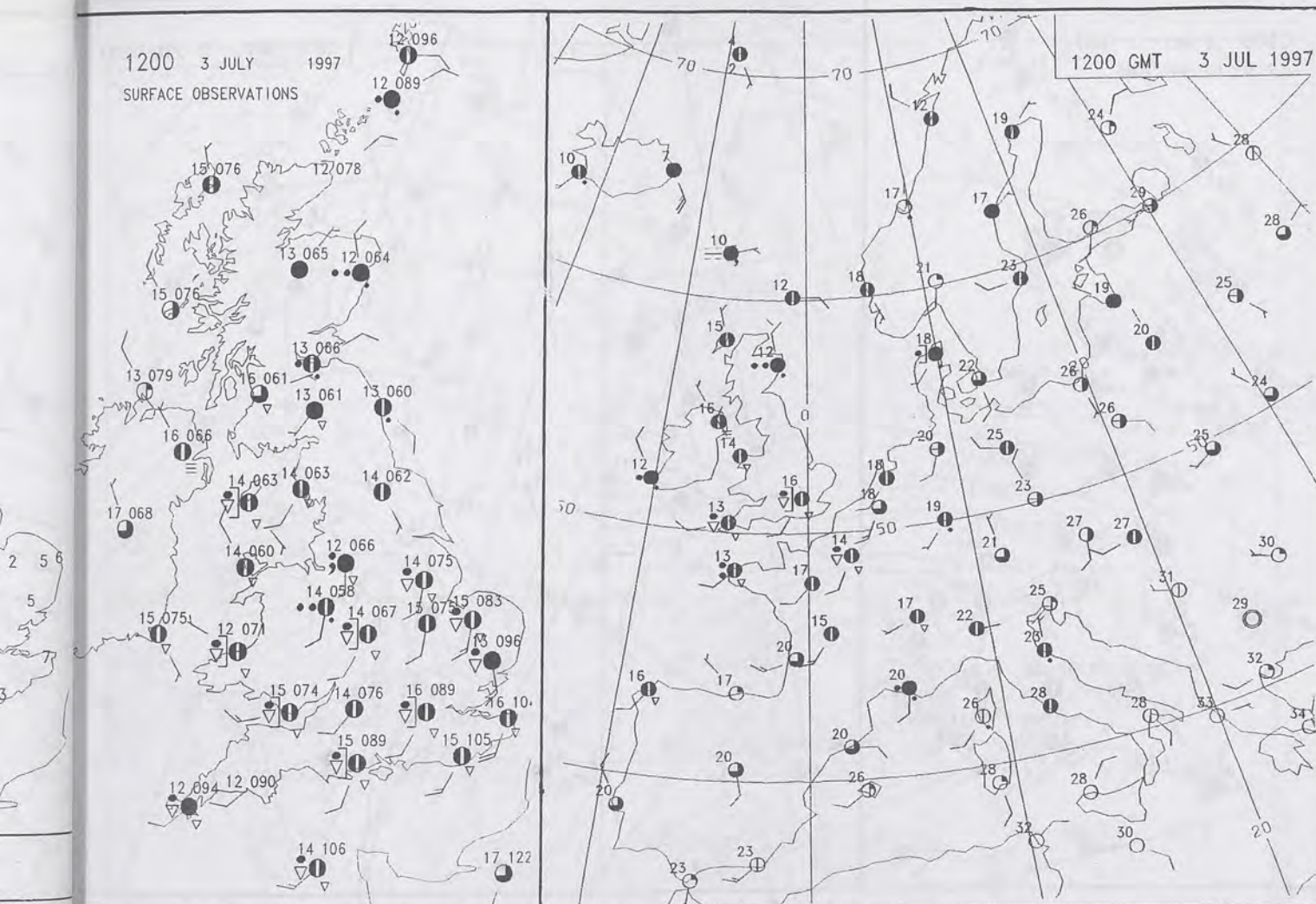
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Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



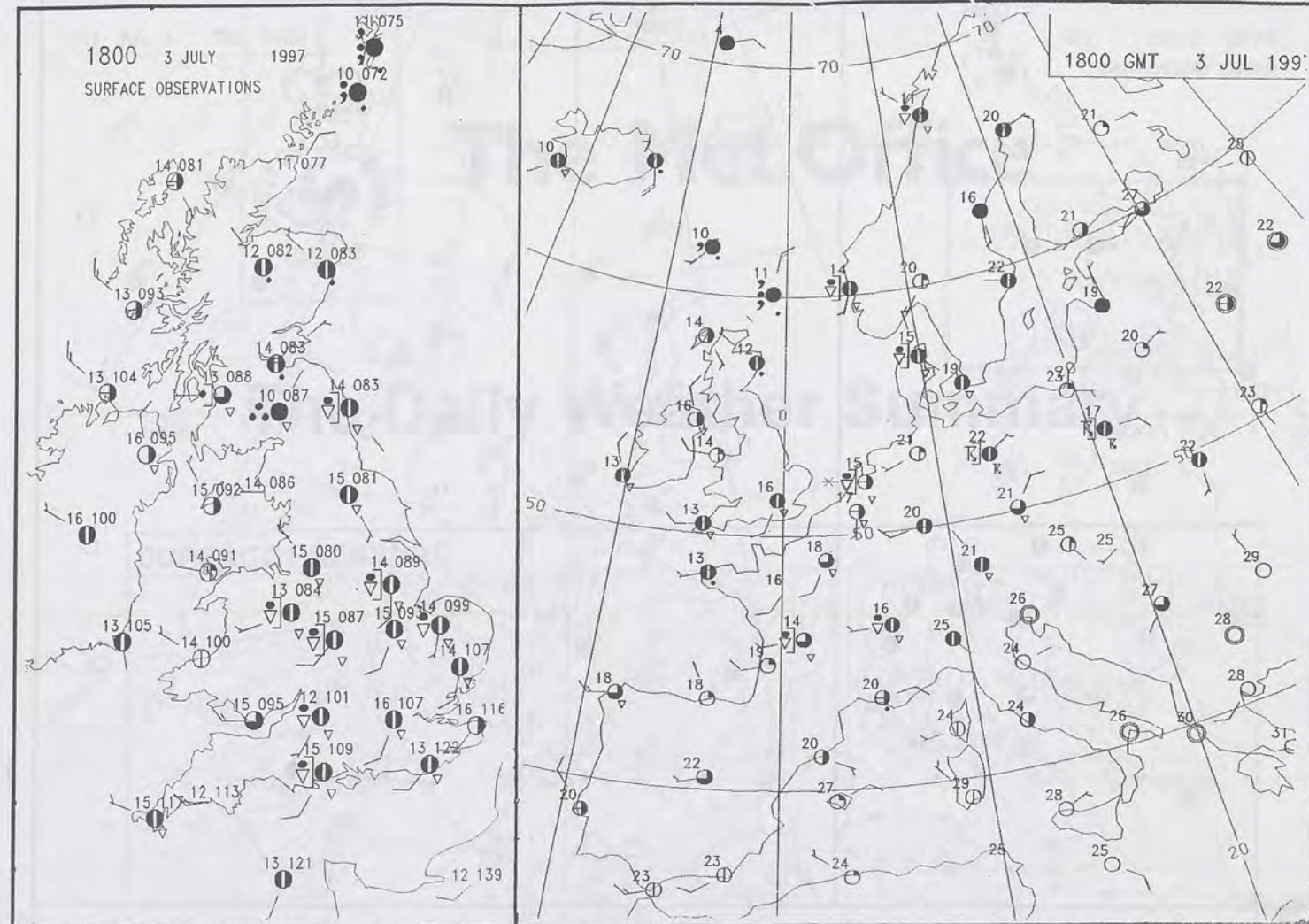
1200 3 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 3 JUL 1997



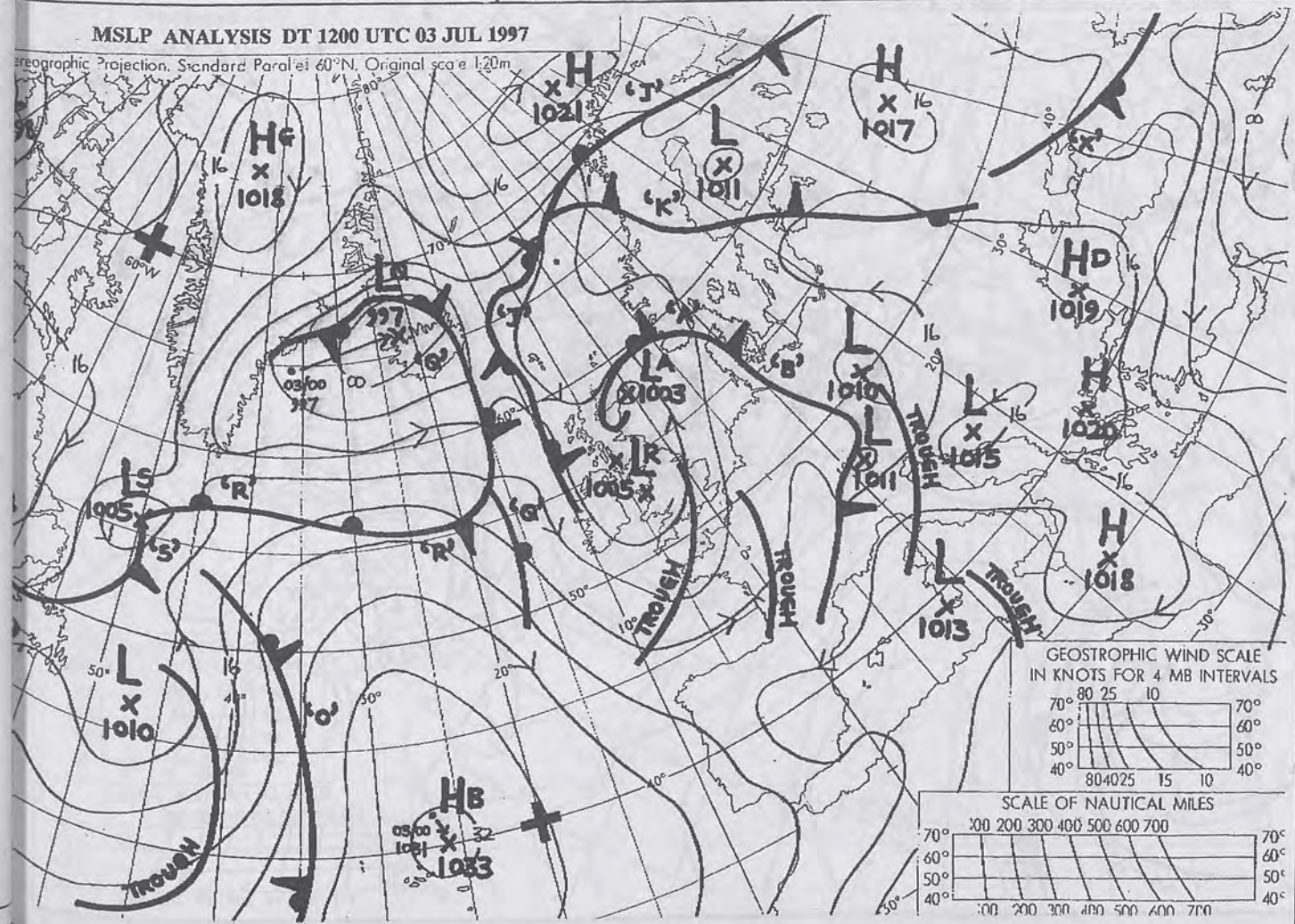
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SURFACE OBSERVATIONS

1800 GMT 3 JUL 1997



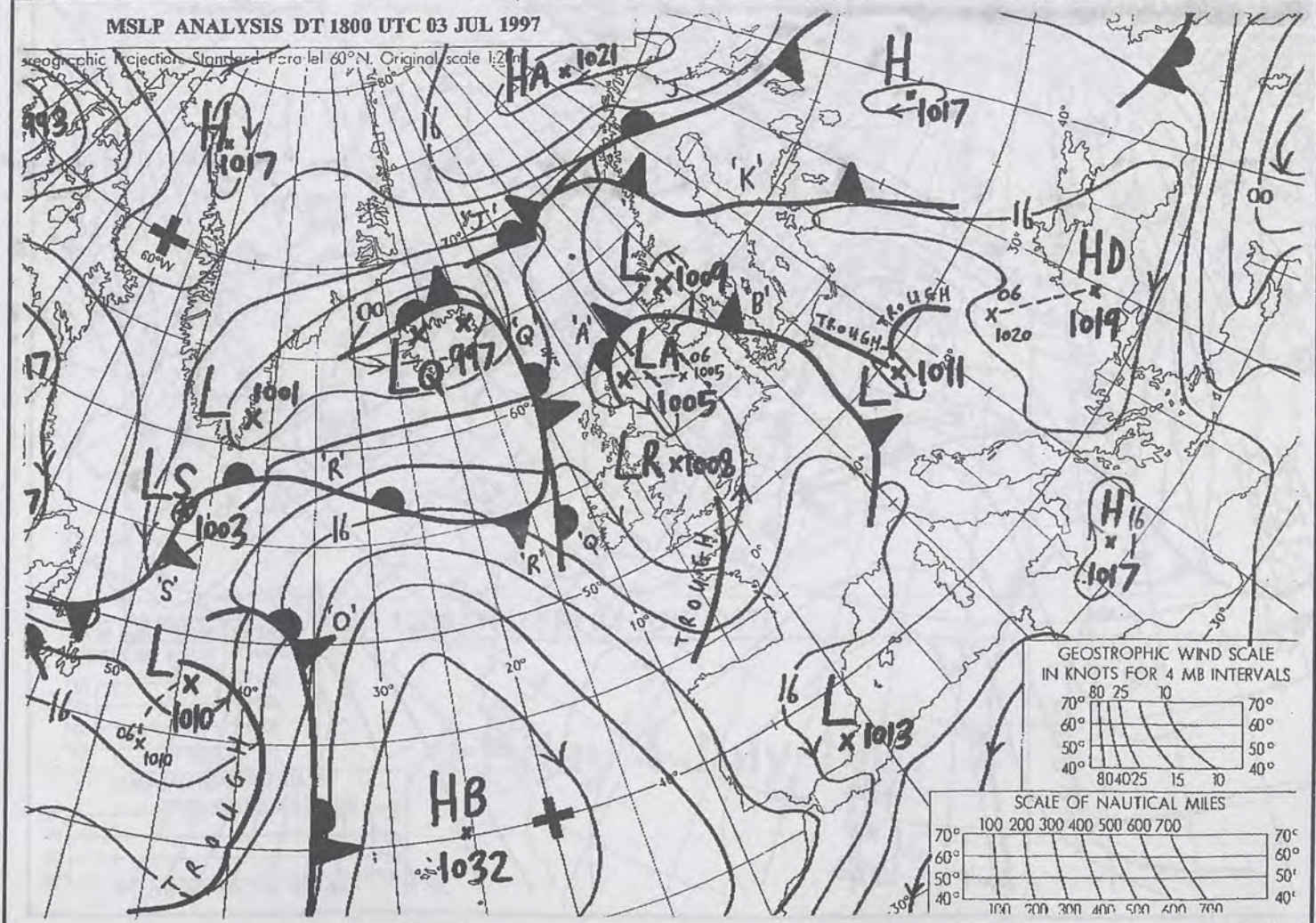
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Geographic Projection, Standard Parallel 60°N, Original scale 1:200



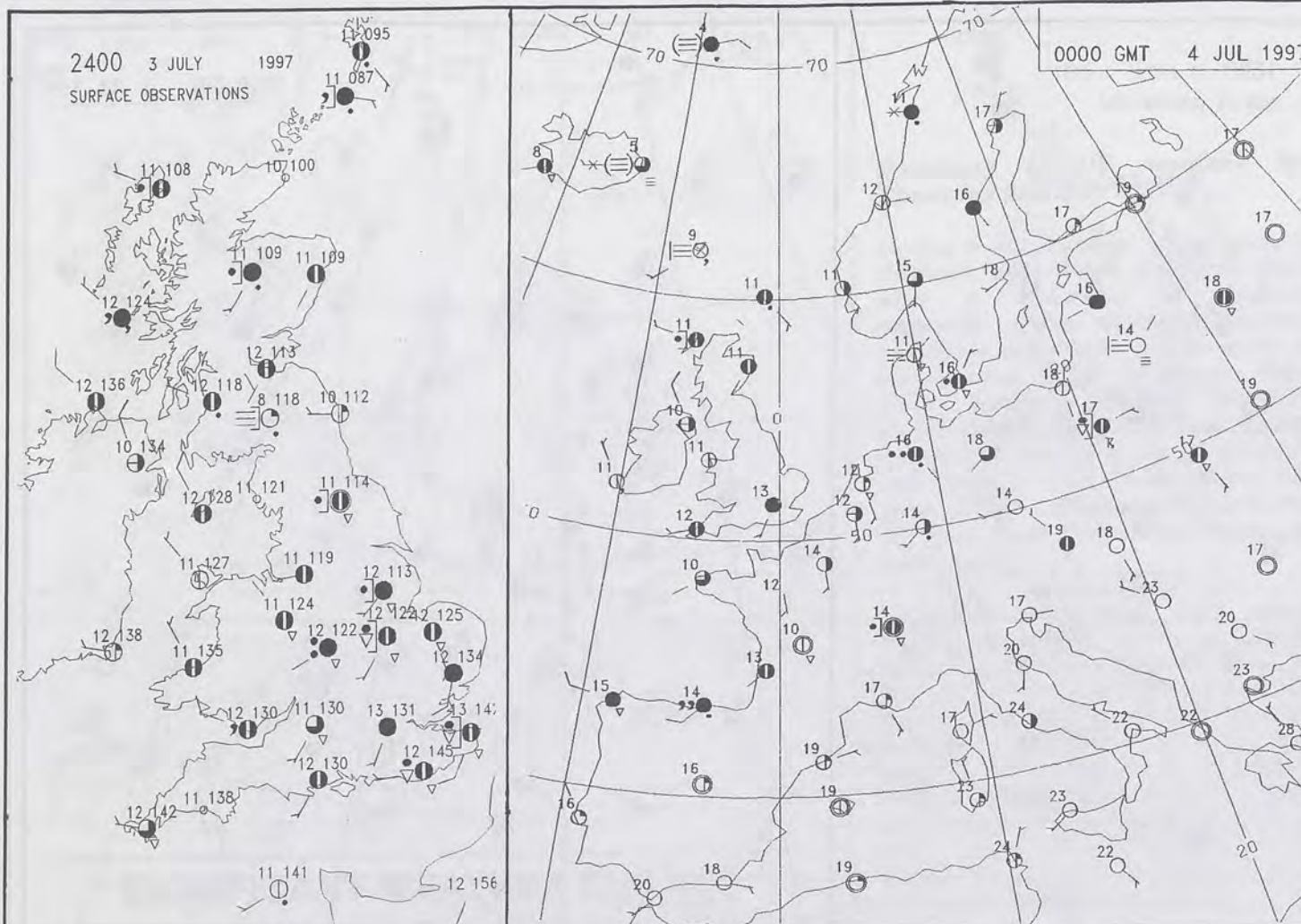


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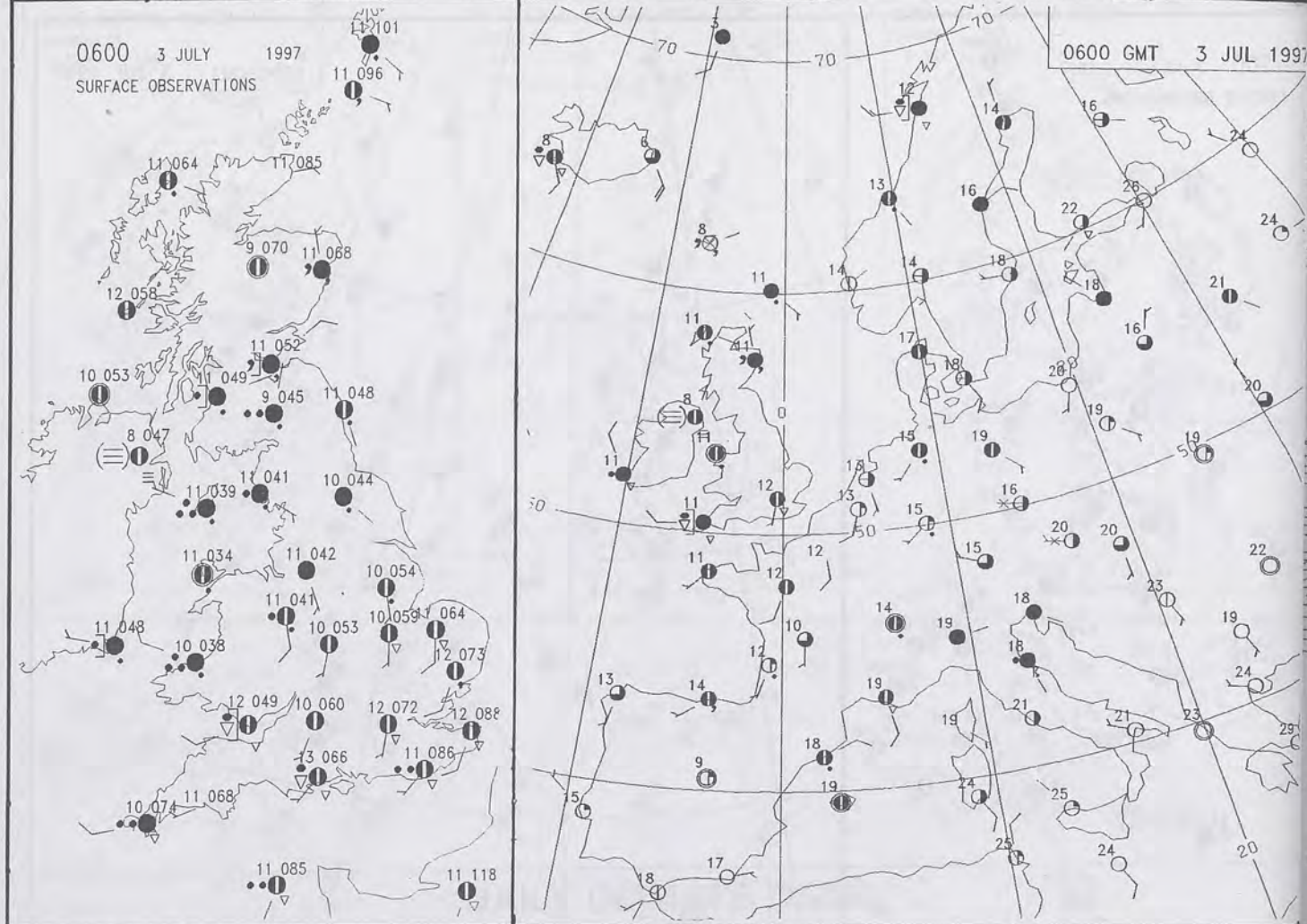
DUPLICATE ALSO

2400 3 JULY 1997  
SURFACE OBSERVATIONS

0000 GMT 4 JUL 1997

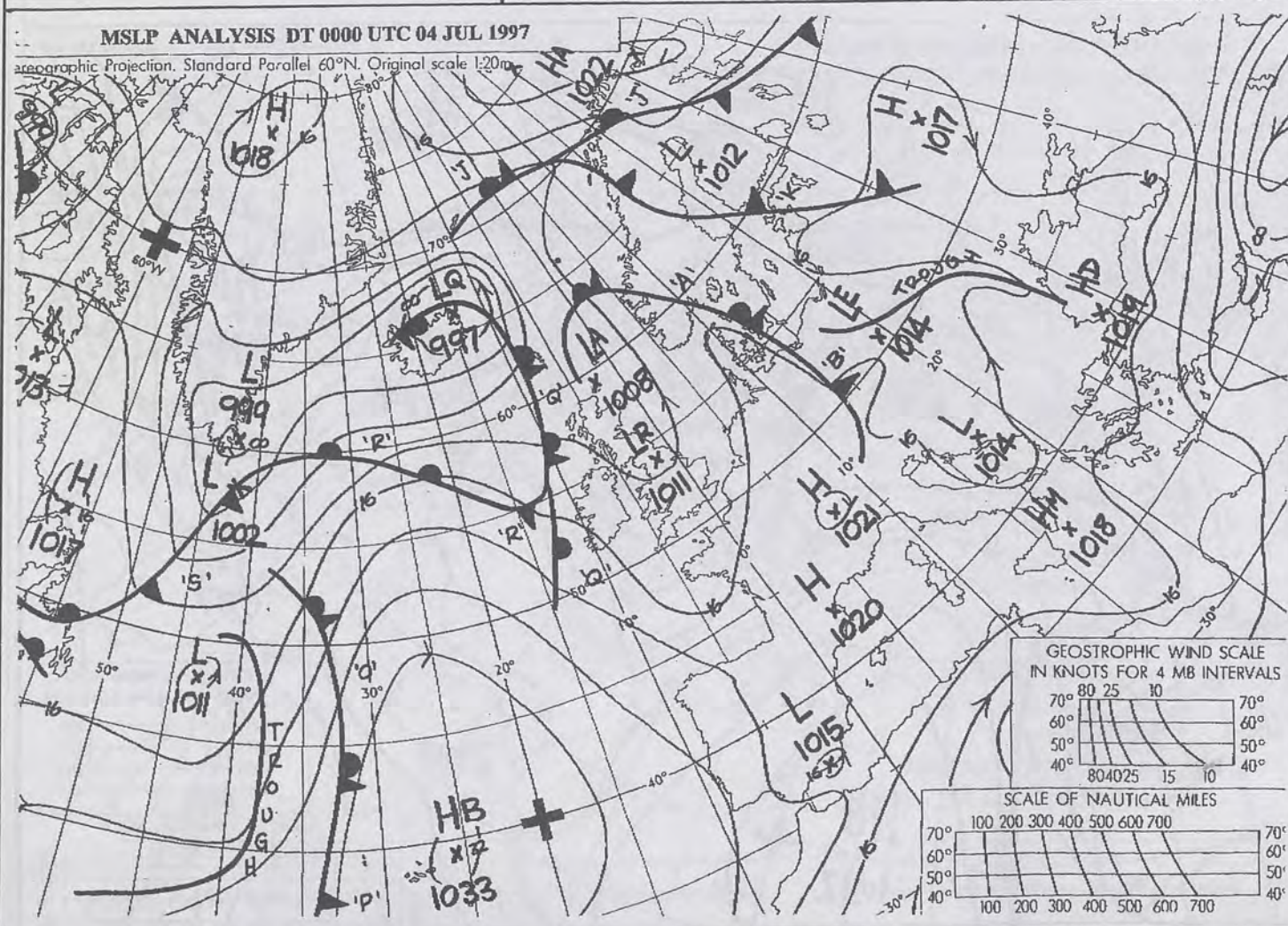
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SURFACE OBSERVATIONS

0600 GMT 3 JUL 1997



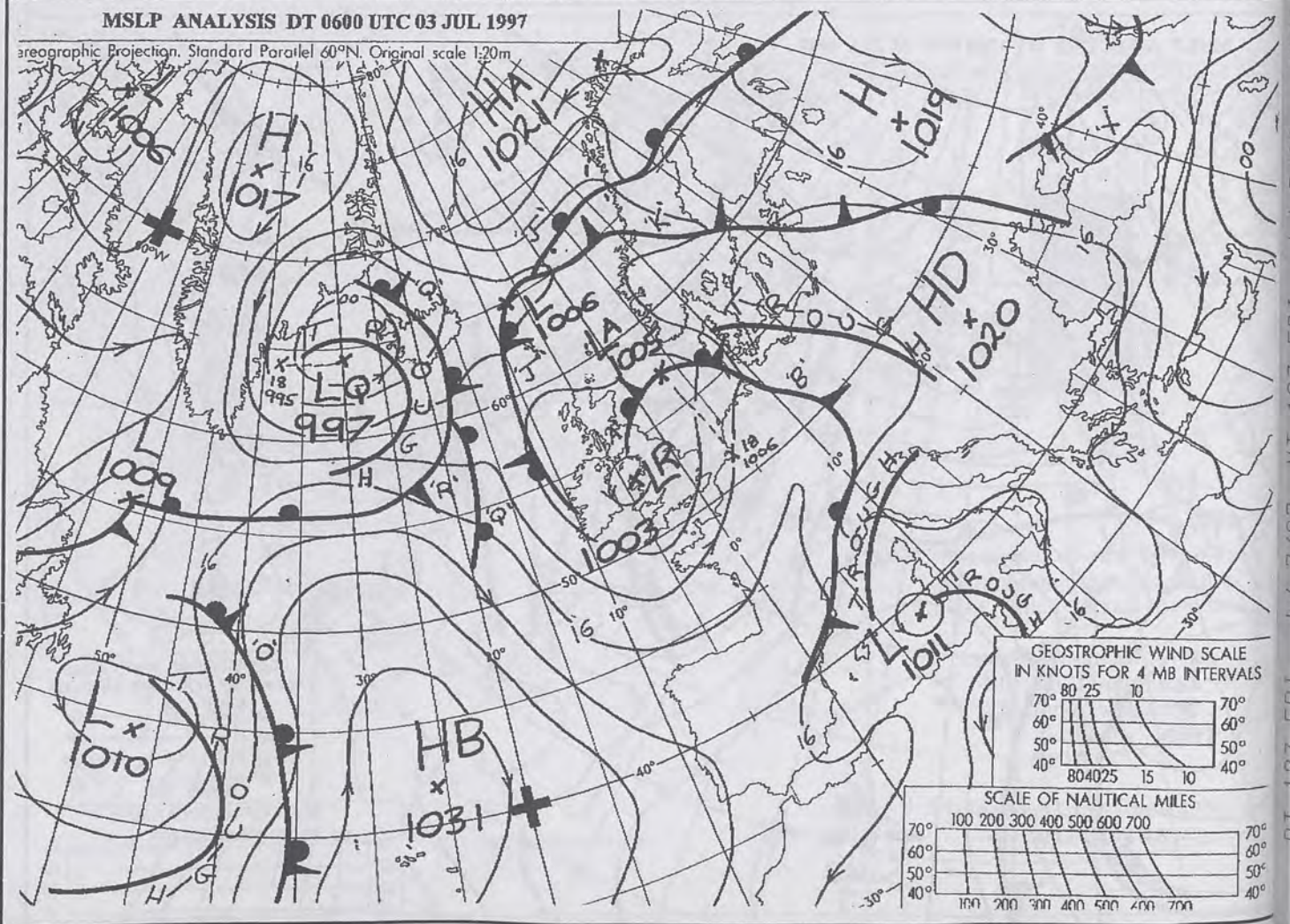
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MSLP ANALYSIS DT 0600 UTC 03 JUL 1997

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





JUL 1997

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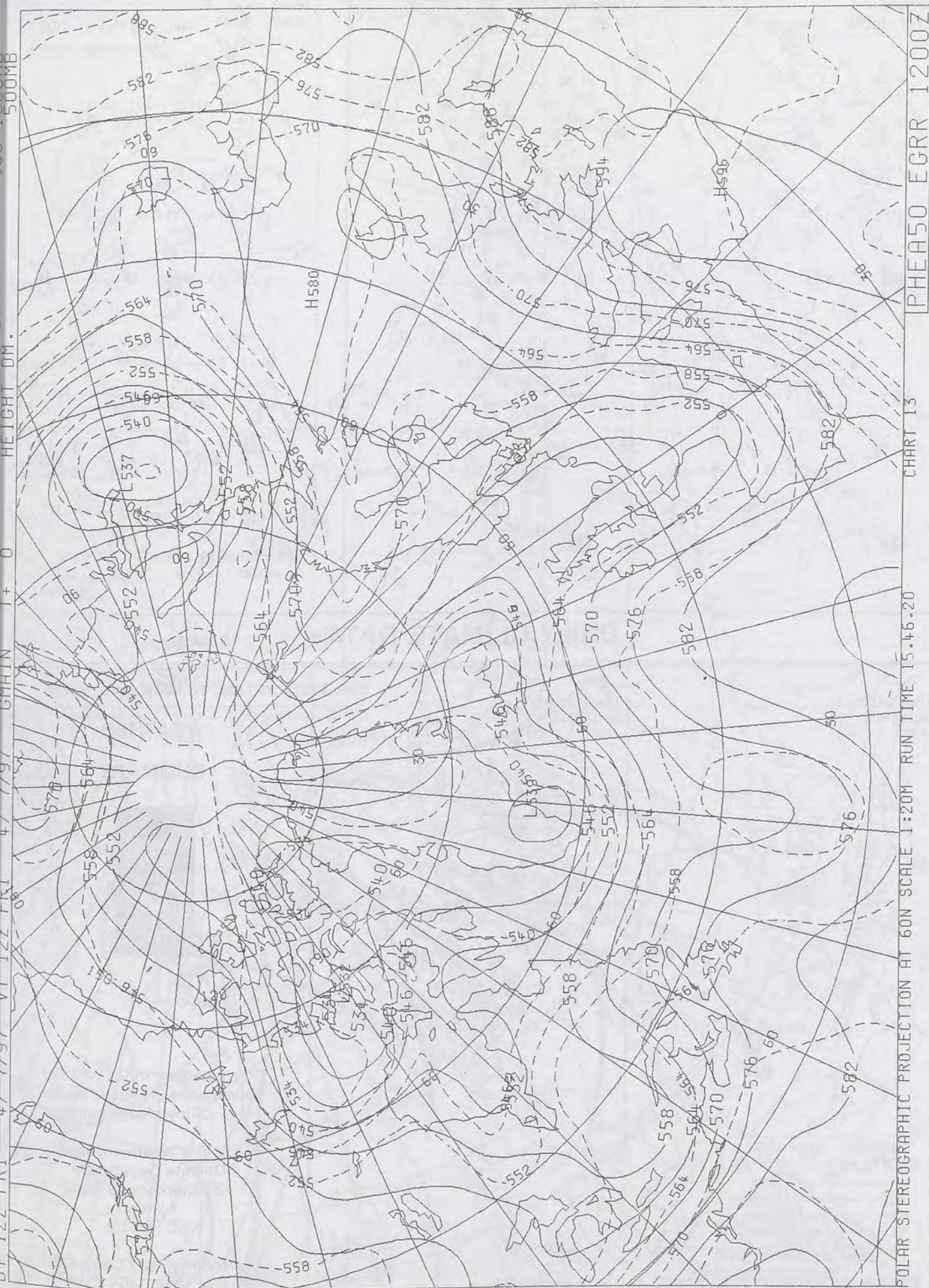
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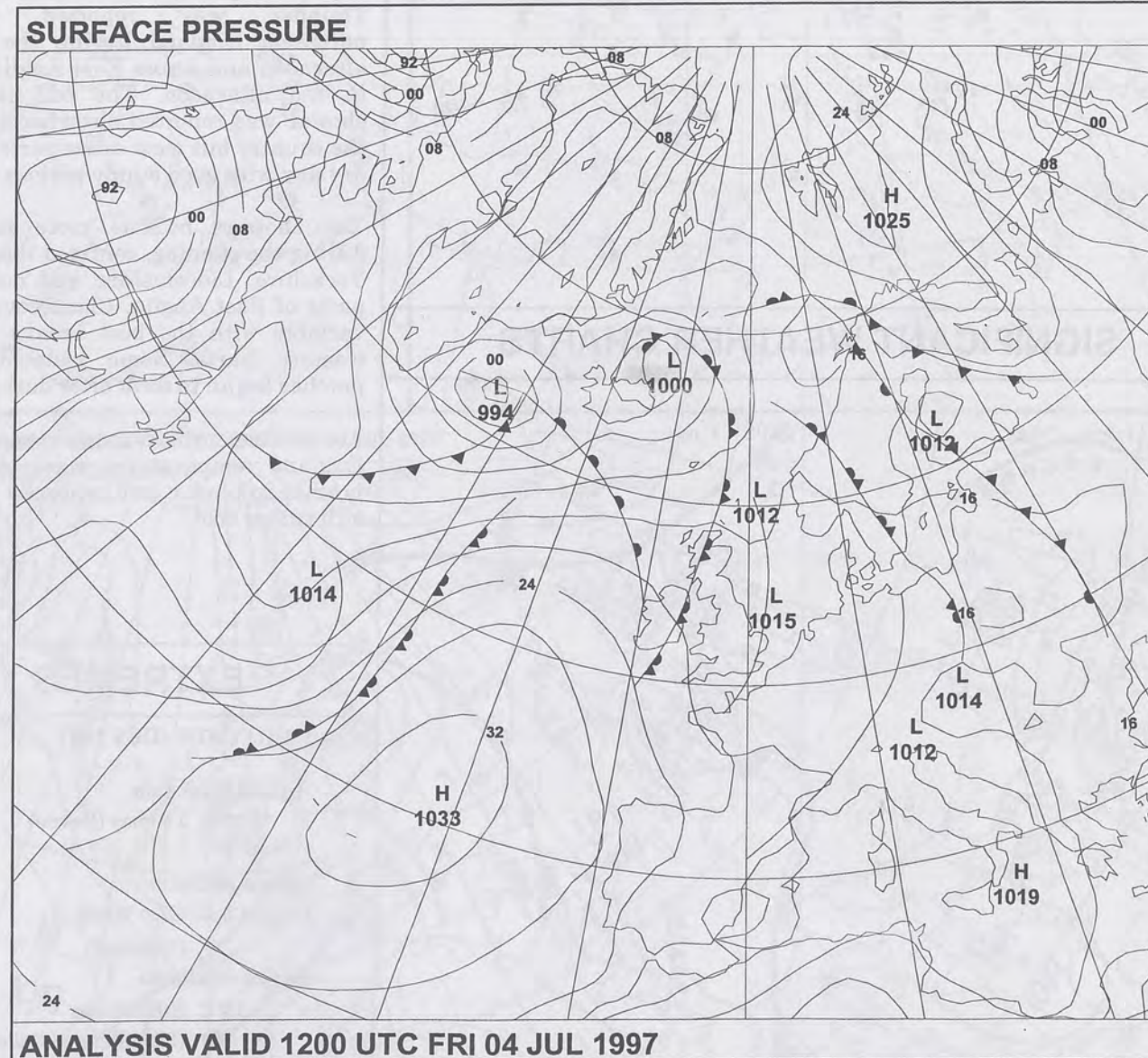
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## The Daily Weather Summary



Friday 4 July 1997



0600 4 JULY 1997

SIGWX



1200 4 JULY 1997

SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 4 JULY 1997

SIGWX



2400 4 JULY 1997

SIGWX



## Summary of UK weather for Friday 4th July 1997

There were outbreaks of rain across East Anglia, Central and Southeast England overnight. Gradually the rain slid south-eastwards, becoming confined to southeast England by the end of the night. Elsewhere, apart from the odd isolated report of rain or drizzle, mainly on north-western coasts, most parts had a dry night. The best of the clear spells were reported over western parts of the country. It turned misty in some places.

The rain over southeast England gradually cleared away during the morning but showers developed. The showers were again mainly across eastern England, some of them heavy. Thunder was reported across northeast England during the early afternoon and across East Anglia later in the afternoon. The odd isolated shower was reported elsewhere across the country but most other parts had a dry day with good sunny periods.

The showers became more isolated during the evening, confined mainly to Yorkshire, Lincolnshire and northern parts of East Anglia. Cloud cover was variable with the best breaks across western parts. Some isolated mist patches began to form after dark.

Across the southern coastal counties of England temperatures were close to normal in places, but generally it was still rather cool.

## EXTREMES

## FRIDAY 4TH JULY 1997

## Highest Maximum

: 22.1 C Torquay (Devon)

## Lowest Maximum

: 11.6 C Cape Wrath  
(Highland)

## Lowest Minimum

: 3.9 C Eskdalemuir  
(Dumfries and Galloway)

## Lowest Grass Minimum

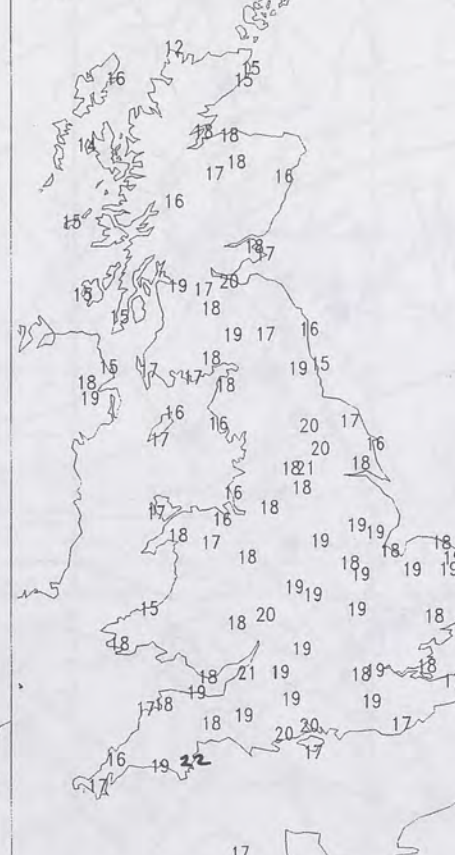
: -0.5 C Shap Fell (Cumbria)

## Most Rain (24 hrs from 0900 GMT)

: 14.7 mm Wittering  
(Cambridgeshire)

## Most Sunshine

: 14.0 hrs Bastreet (Cornwall)

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
4 JULY 1997DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
4 JULY 1997SUNSHINE (DAWN TO DUSK)  
(HOURS)  
4 JULY 1997

X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
4 JULY 1997

X INDICATES TRACE TO 0.4 MM

DAY RAINFALL  
(MILLIMETRES)  
4 JULY 1997

X INDICATES TRACE TO 0.4 MM

DAILY  
WEATHER  
SUMMARY

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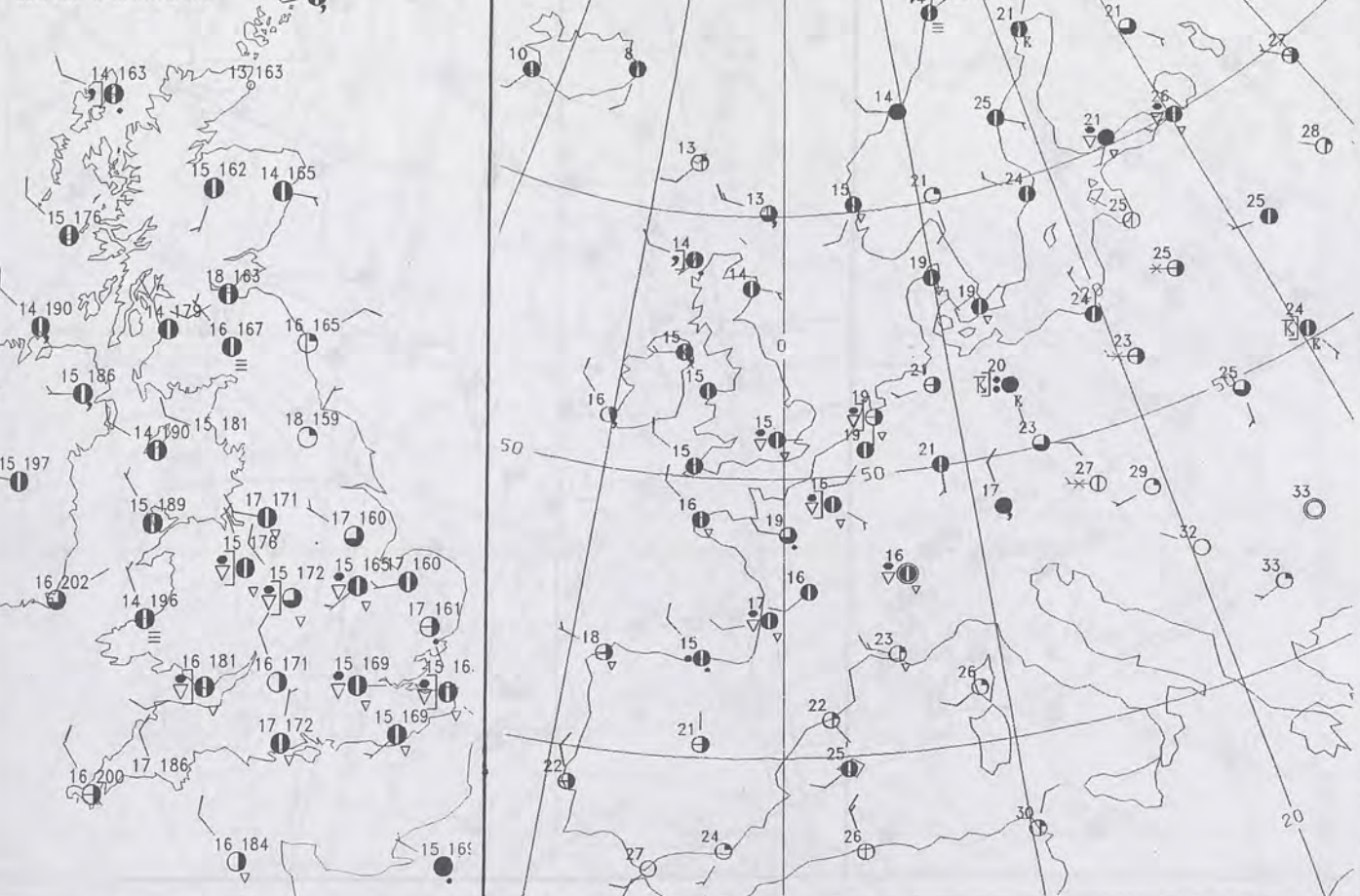
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EC1R 5DB

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Fax: 0171 404 4314



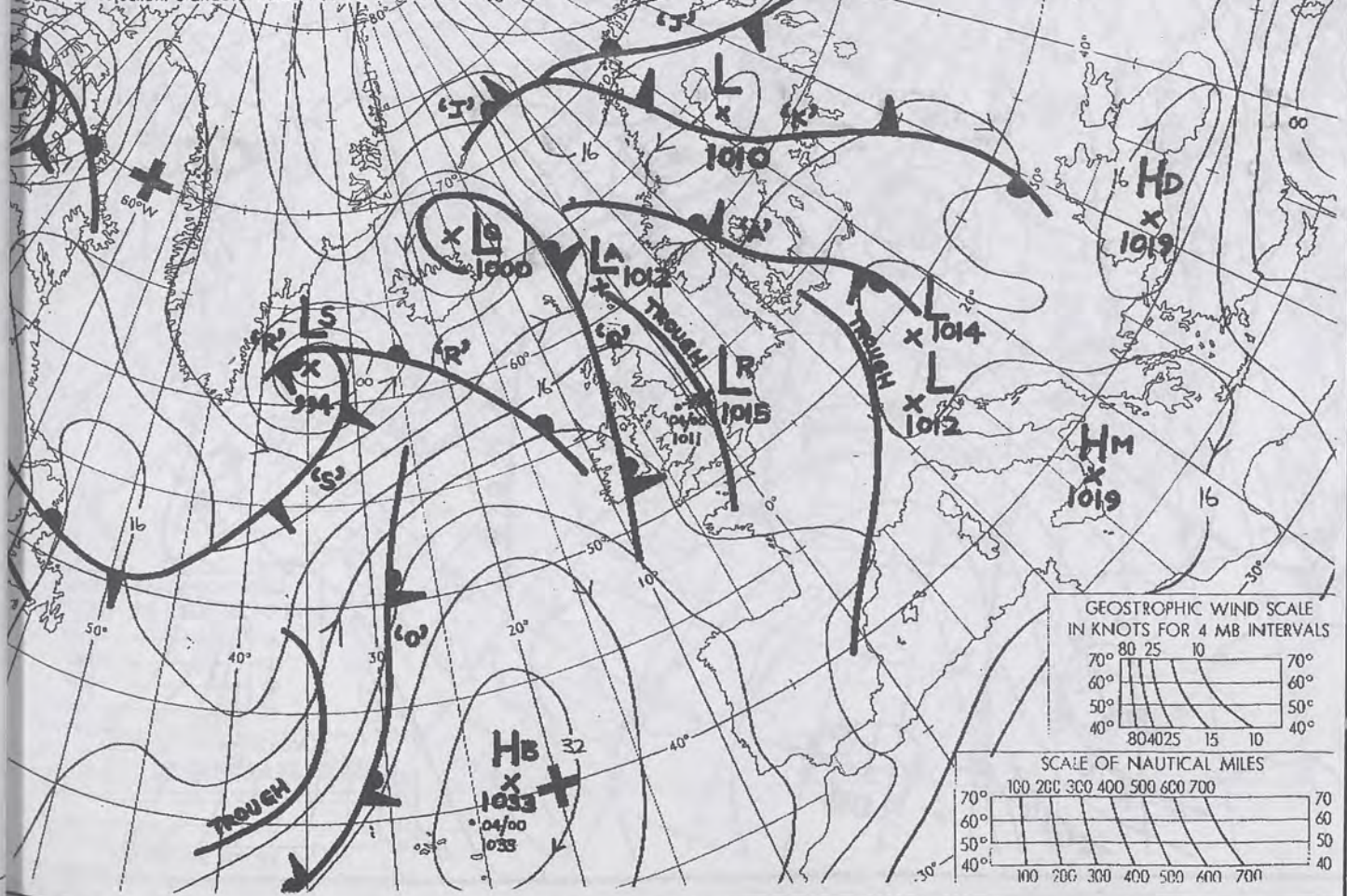
1200 4 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 4 JUL 1997



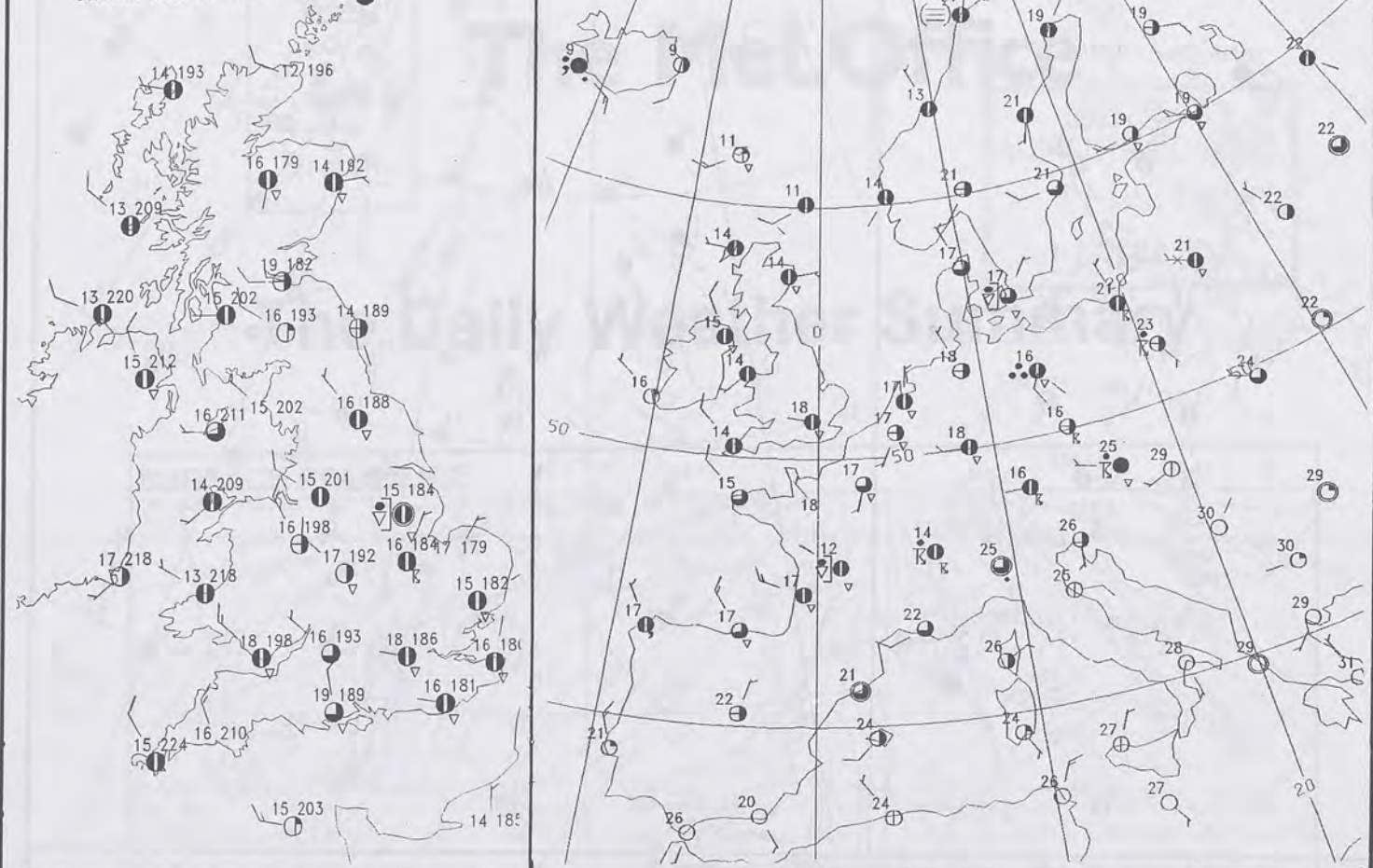
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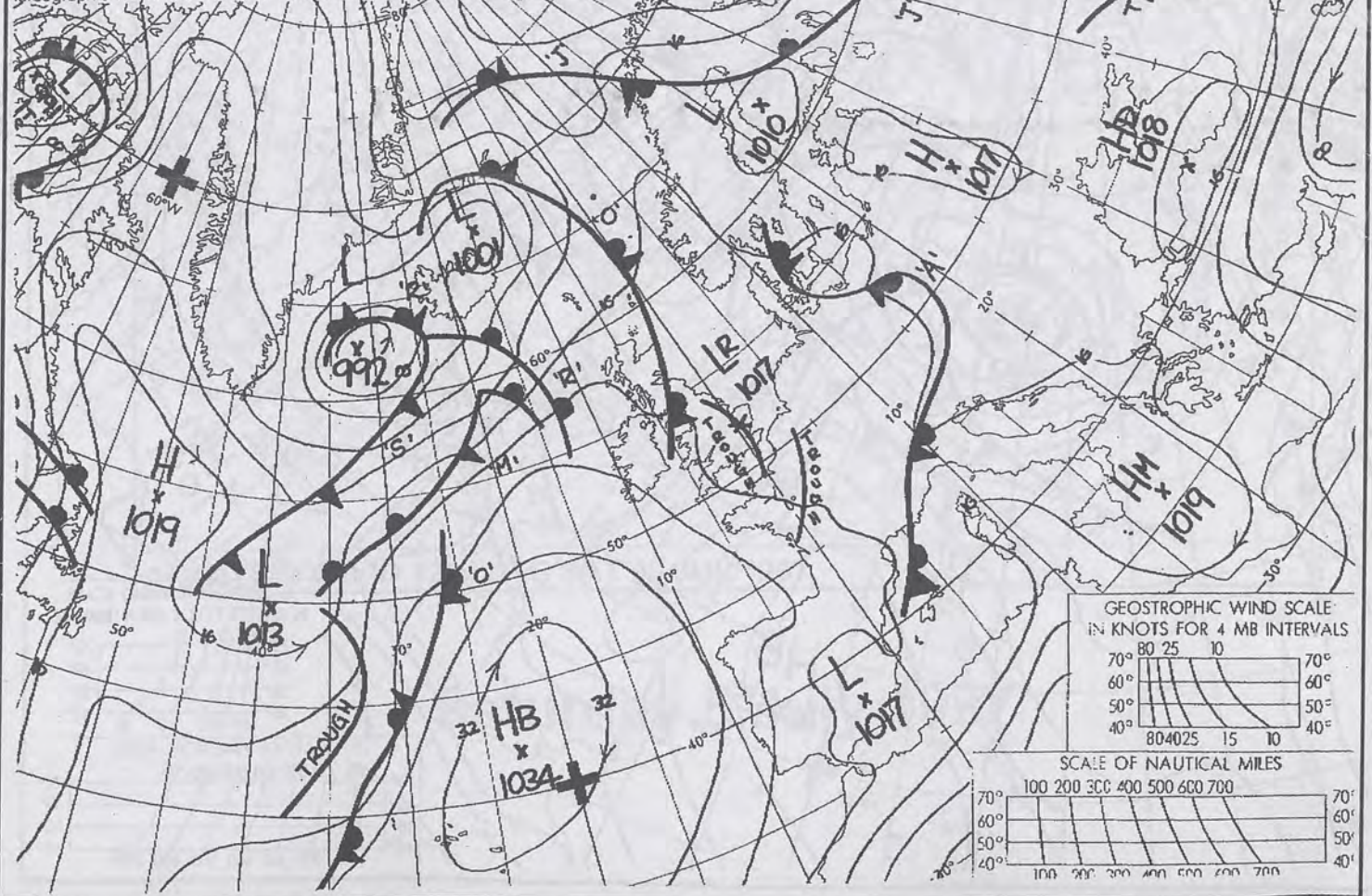
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SURFACE OBSERVATIONS

1800 GMT 4 JUL 1997



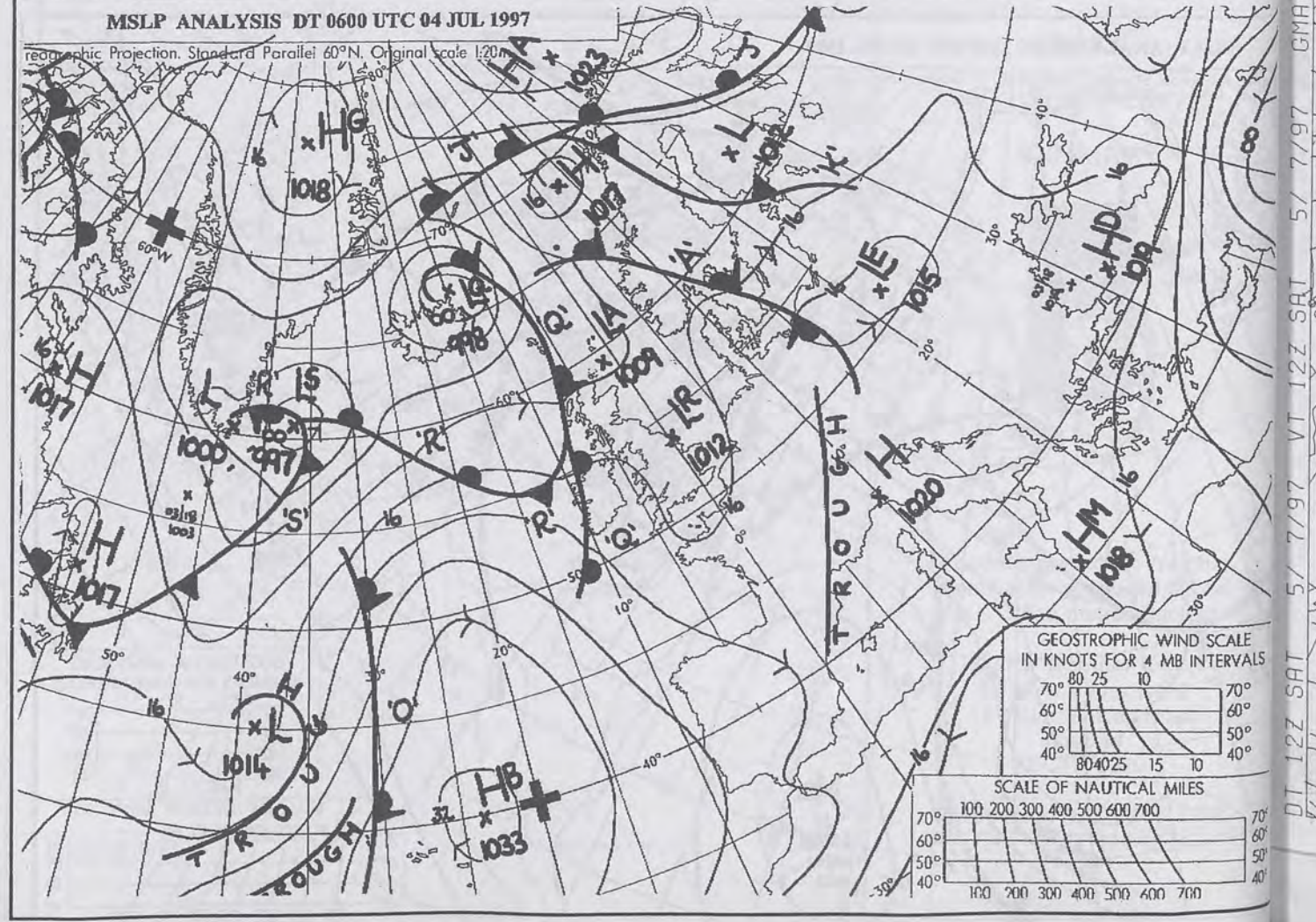
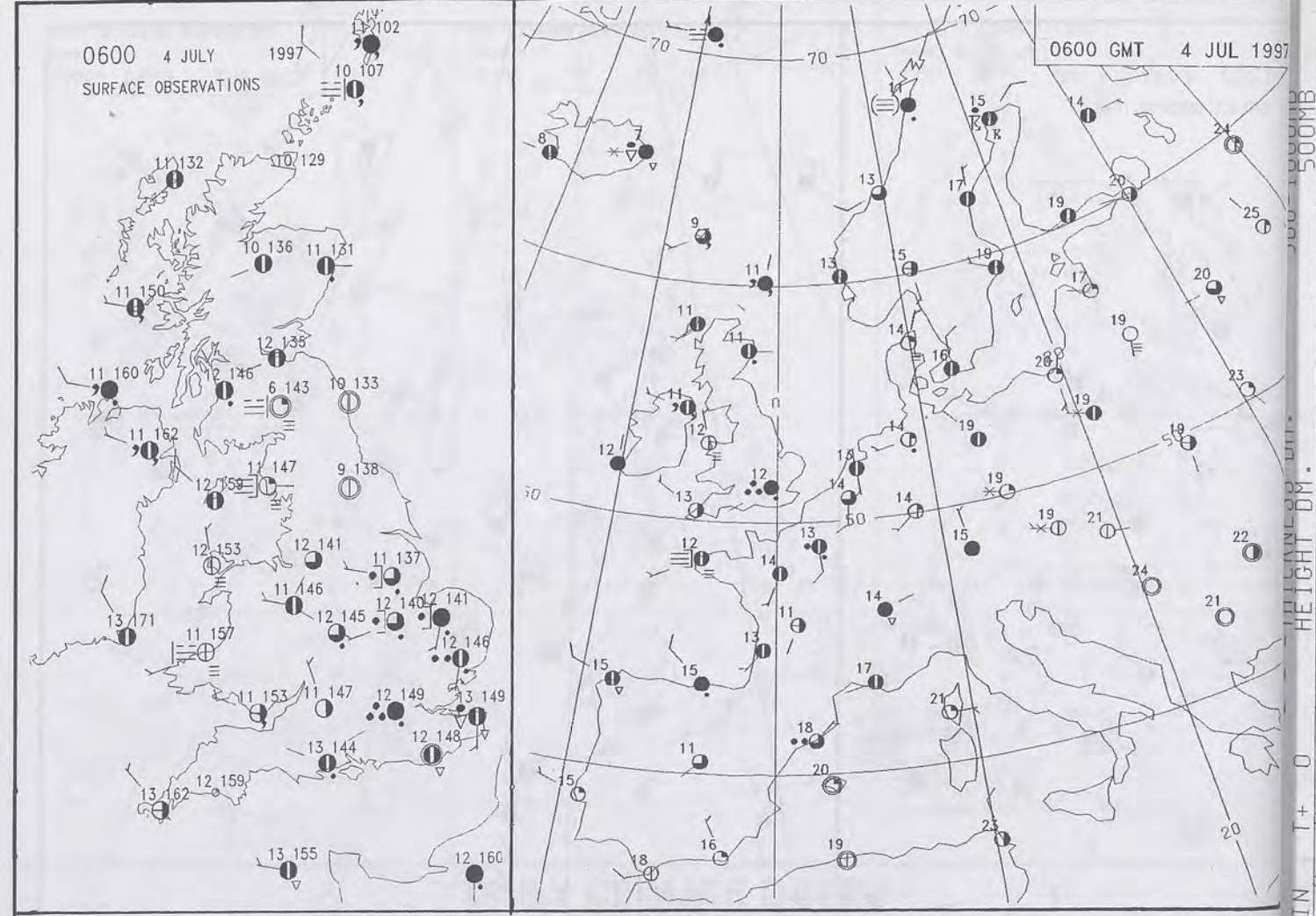
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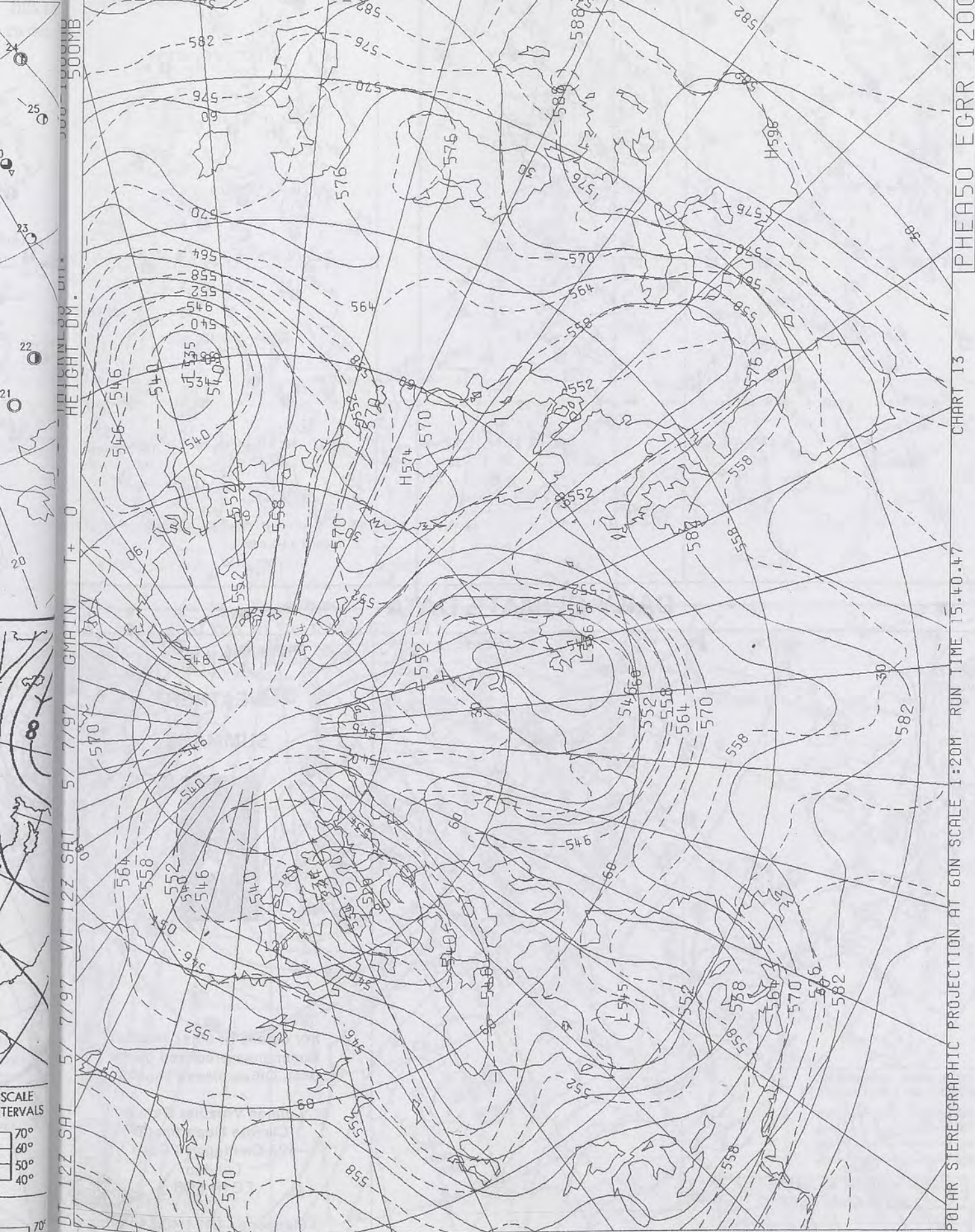


DUPLICATE ALSO





JUL 1997

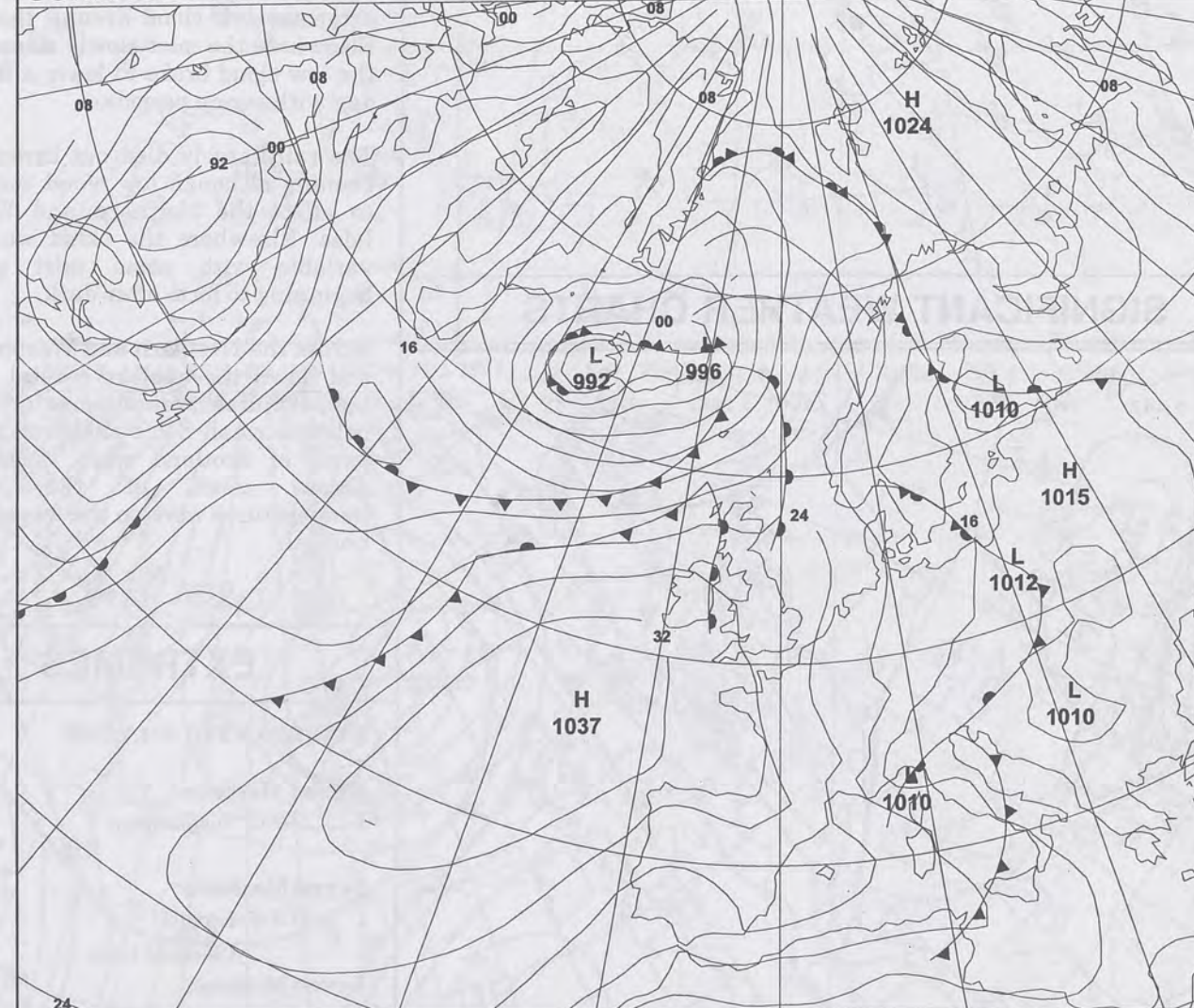


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## The Daily Weather Summary

### SURFACE PRESSURE



**Saturday 5 July 1997**



0600 5 JULY 1997  
SIGWX



1200 5 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 5 JULY 1997  
SIGWX



2400 5 JULY 1997  
SIGWX



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## Summary of UK weather for Saturday 5th July 1997

It was a cloudy night across the western Isles of Scotland, with the odd spot of rain. The cloud and patchy rain spread to the far northwest of mainland Scotland later in the night. The rest of the country had a dry night with variable cloud cover. Cloud breaks led to some mist and fog patches with low cloud forming across parts of East Anglia and southeast England.

The patchy rain over northwest Scotland spread to the Northern Isles and northeast Scotland during the morning. Drier weather followed across the Western Isles and northwest Scotland, though it remained rather cloudy, with mist and extensive low cloud around the coast. Elsewhere the mist slowly cleared and the low cloud broke to leave a fine dry day with sunny periods.

The rain largely died out through the evening although low cloud continued to affect the Northern and Western Isles. Elsewhere the cloud was more variable with some mist patches beginning to form after dark.

Across the Northern and Western Isles and down the western coastal fringes temperatures were close to or a little below normal. Some sheltered eastern parts of Scotland were very warm. Across much of the country temperatures were on the warm side of normal.

## EXTREMES

### SATURDAY 5TH JULY 1997

**Highest Maximum**  
: 23.7 C Southampton

**Lowest Maximum**  
: 11.3 C Lerwick  
(Shetland Isles)

**Lowest Minimum**  
: 3.5 C Eskdalemuir  
(Dumfries and Galloway)

**Lowest Grass Minimum**  
: -0.8 C Shap Fell (Cumbria)

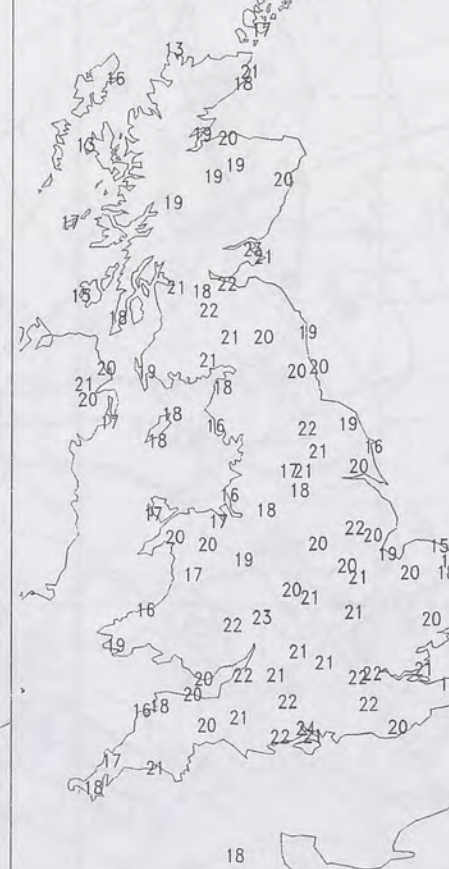
**Most Rain (24 hrs from 0900 GMT)**  
: 6.3 mm Waterstein  
(Isle of Skye)

**Most Sunshine**  
: 14.9 hrs Jersey (Channel Islands)

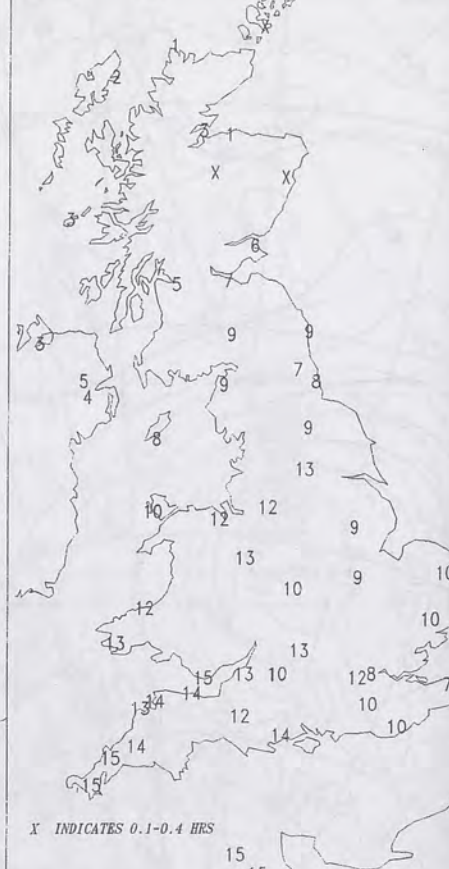
NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
5 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
5 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
5 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
5 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
5 JULY 1997



## DAILY WEATHER SUMMARY



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

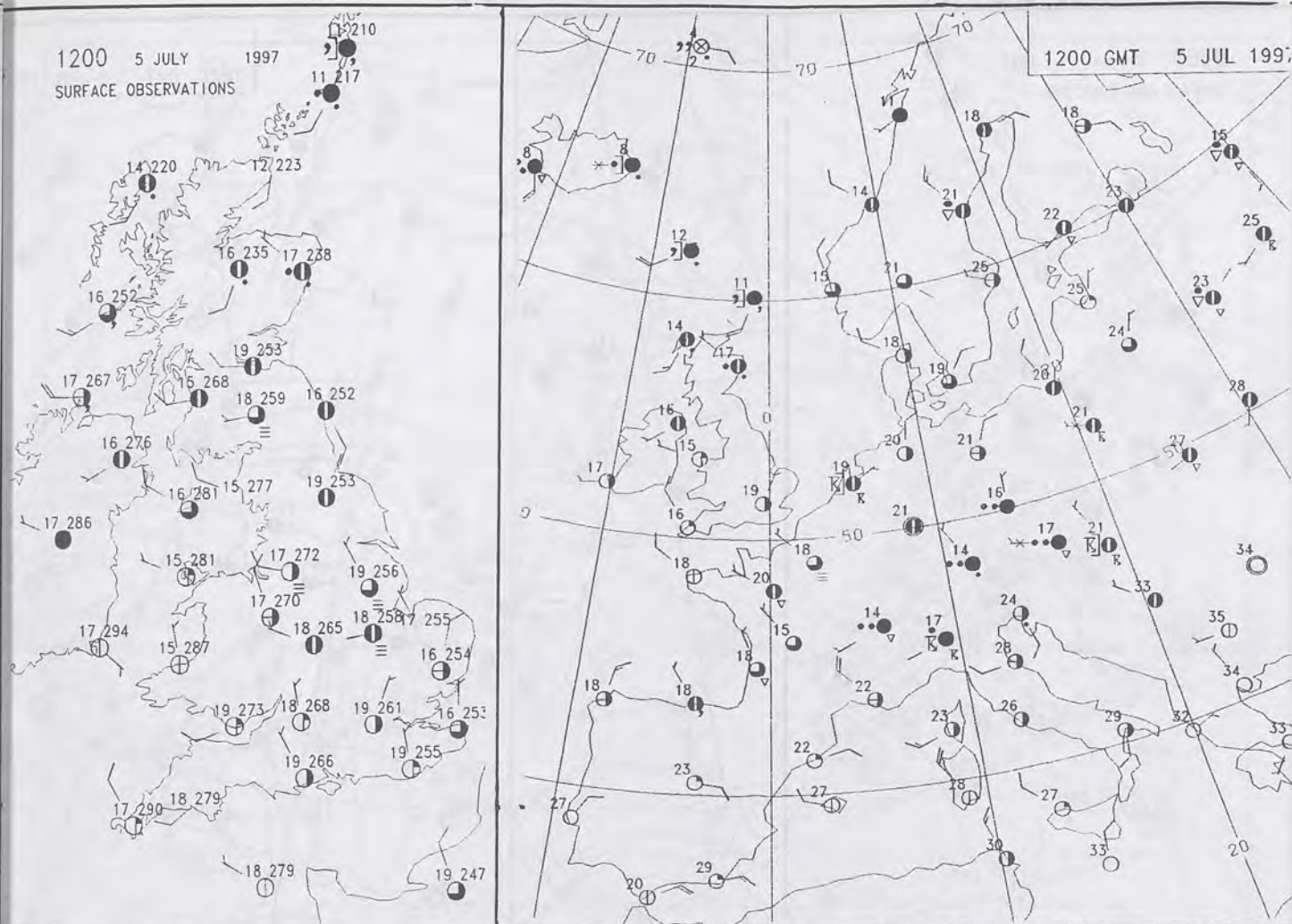
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



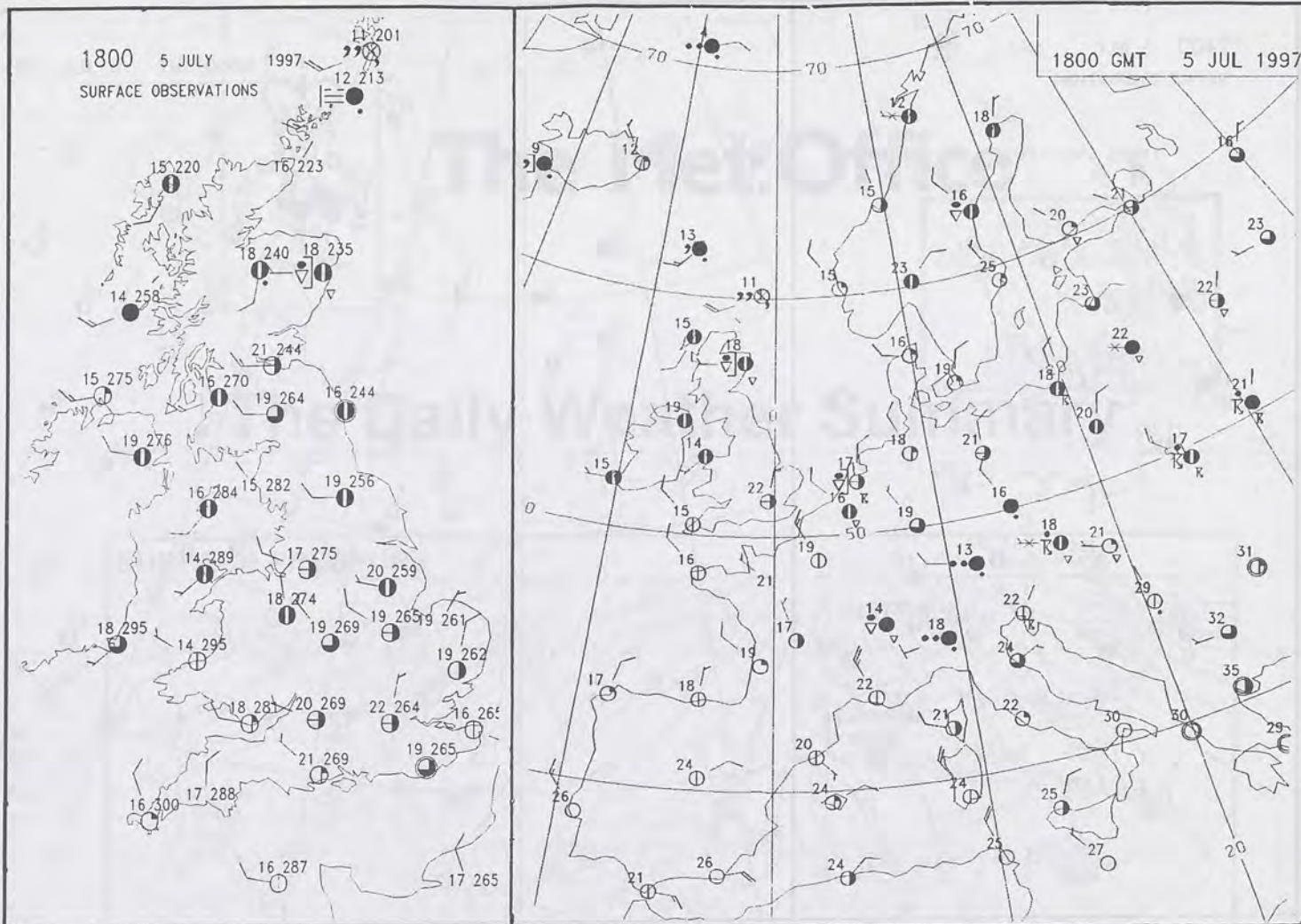
1200 5 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 5 JUL 1997

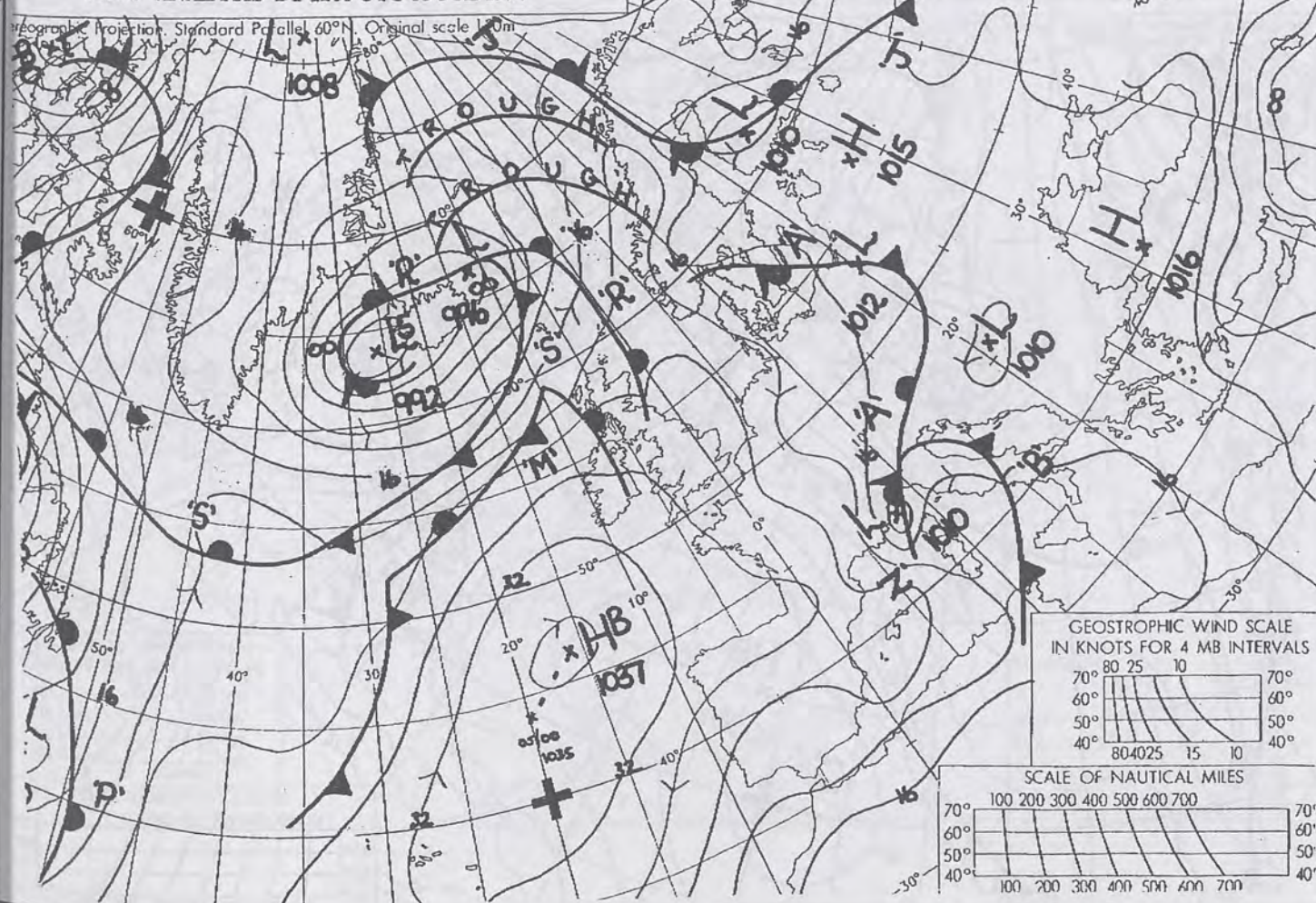


1800 5 JULY 1997  
SURFACE OBSERVATIONS

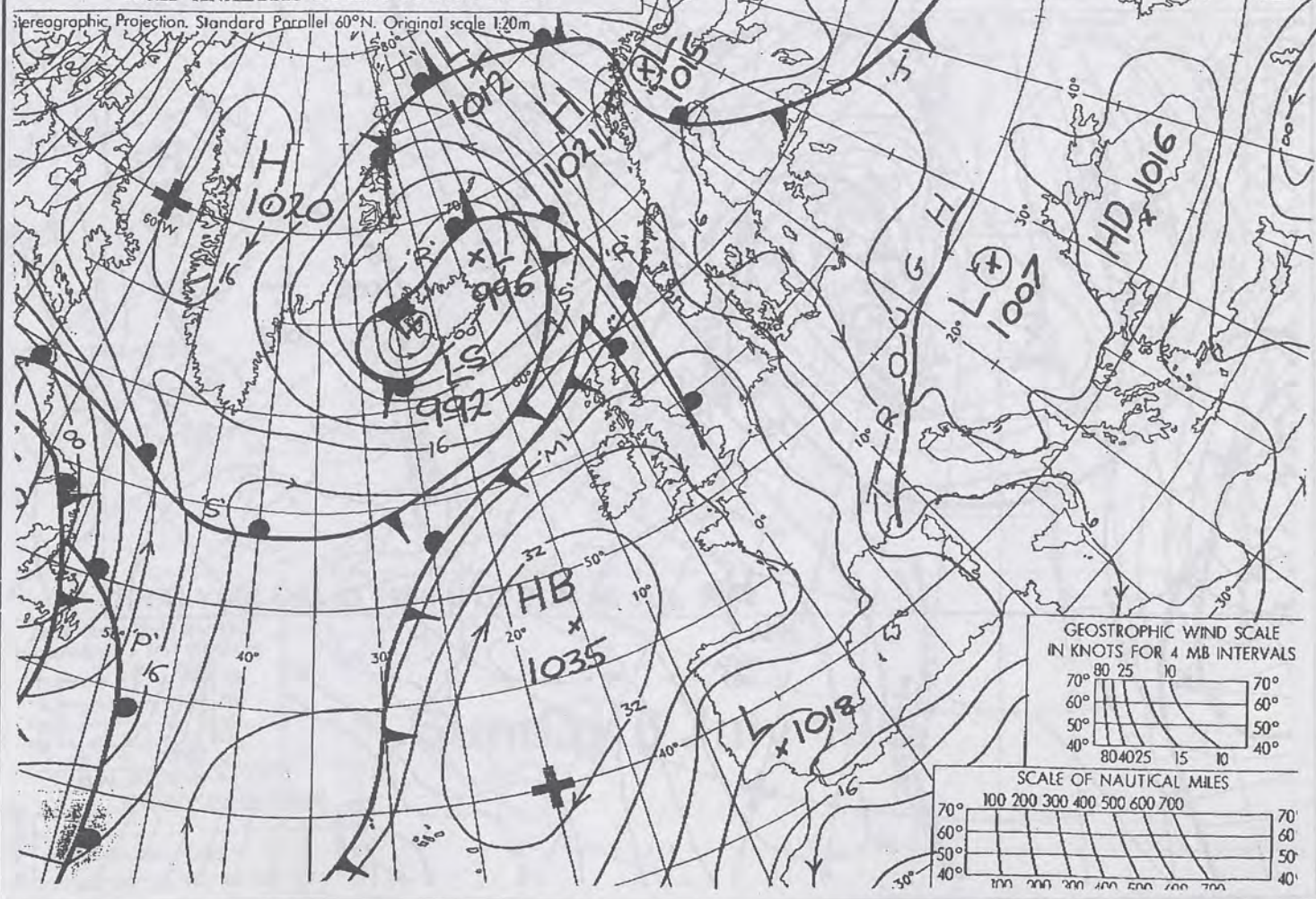
1800 GMT 5 JUL 1997



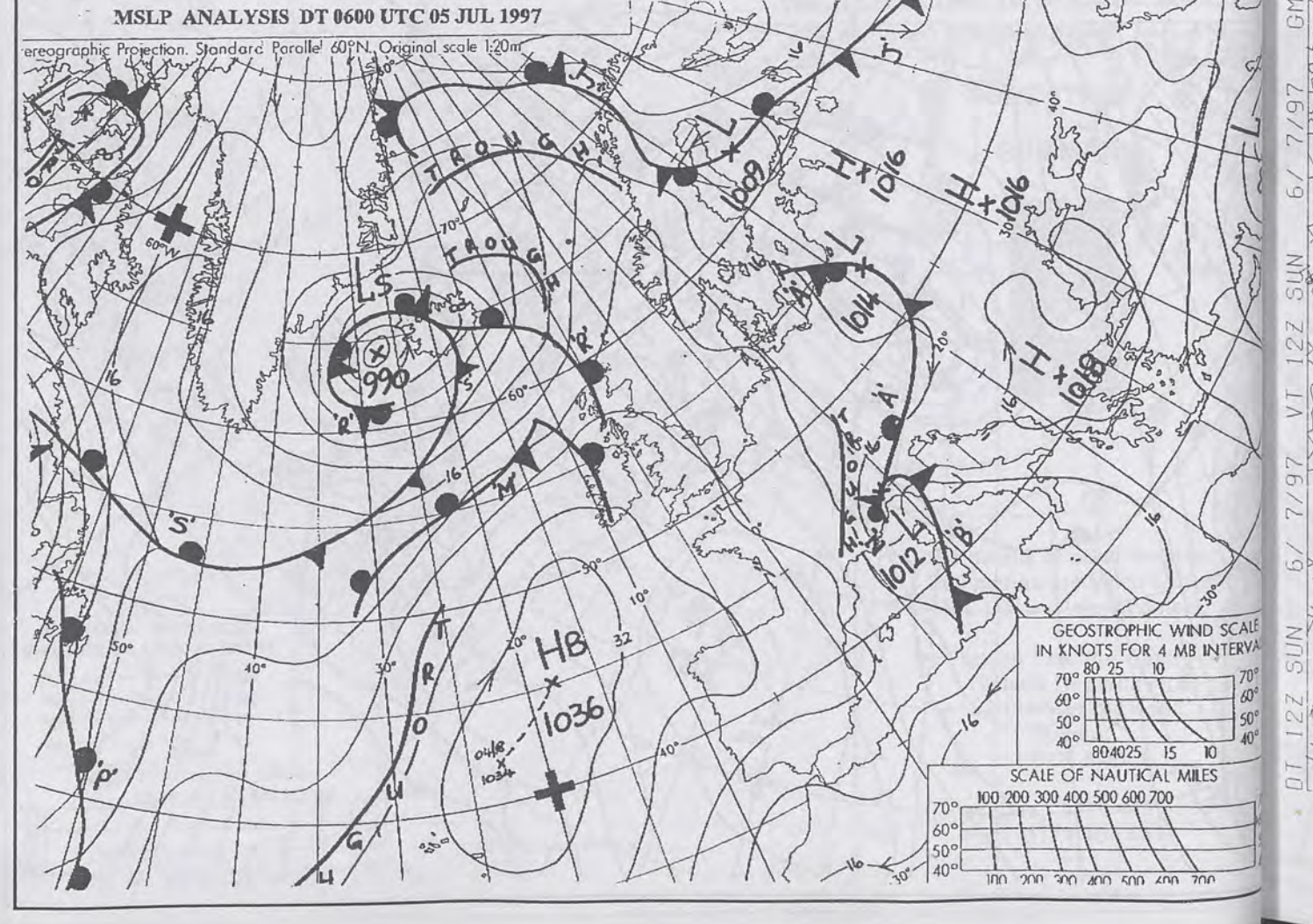
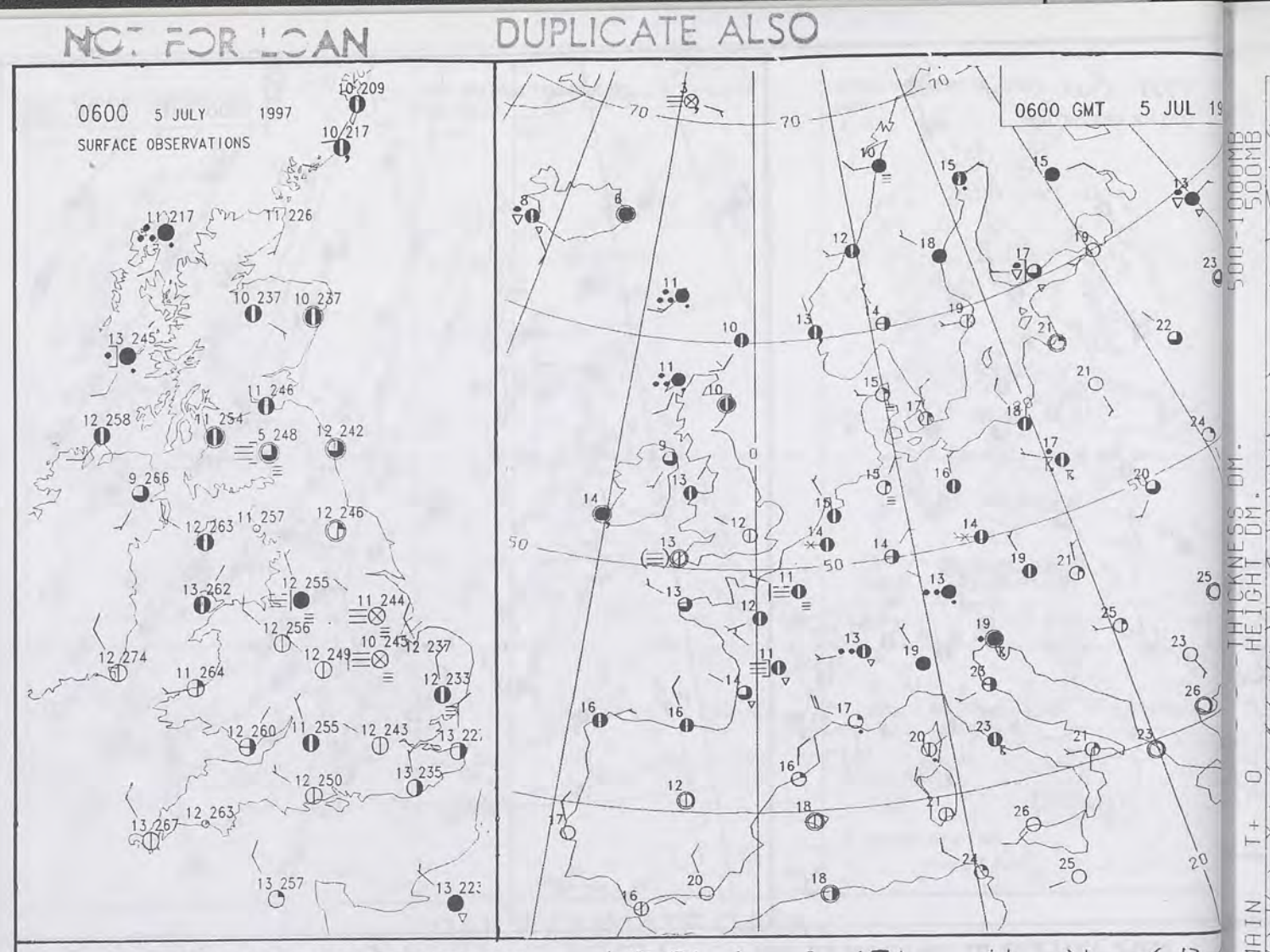
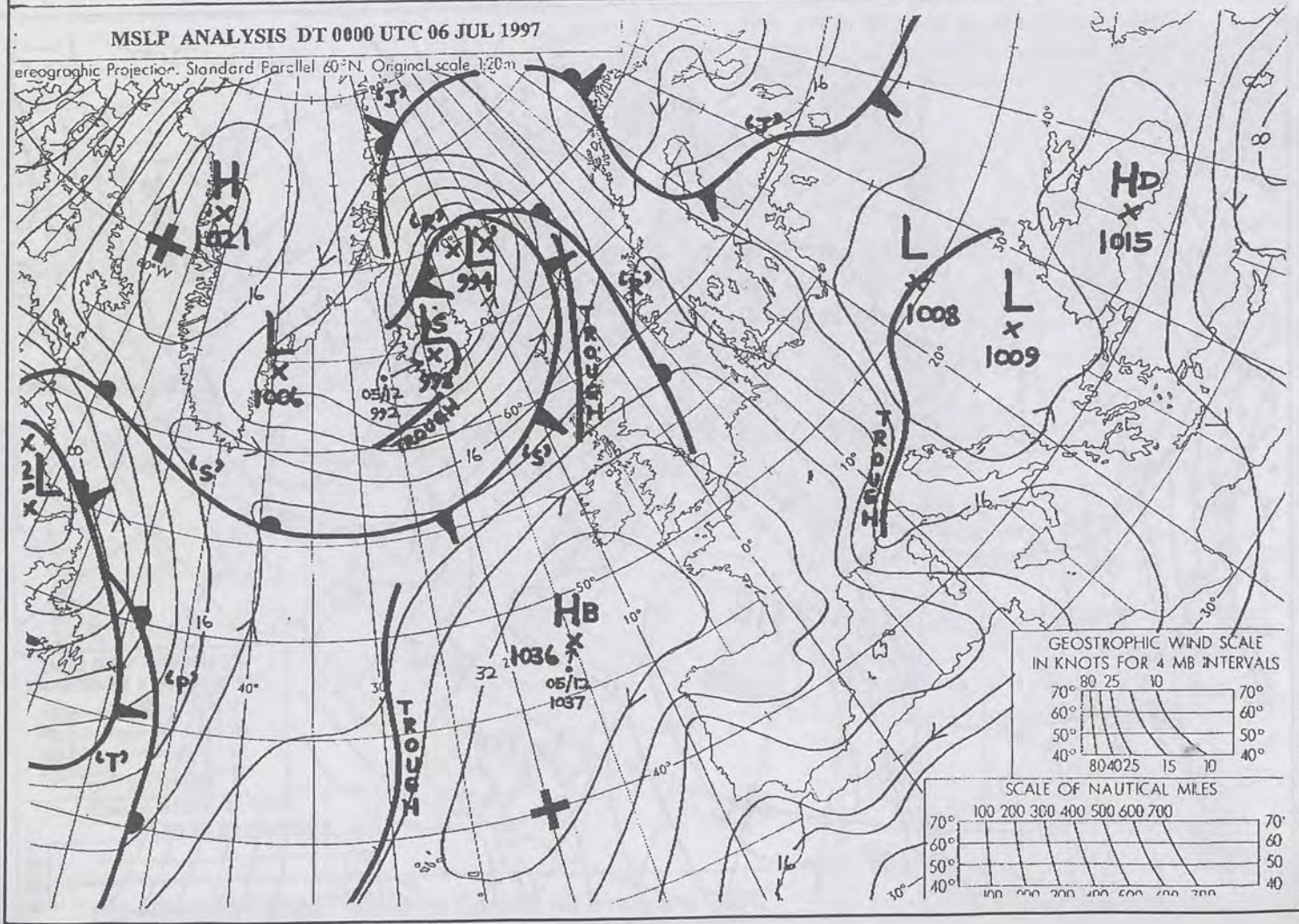
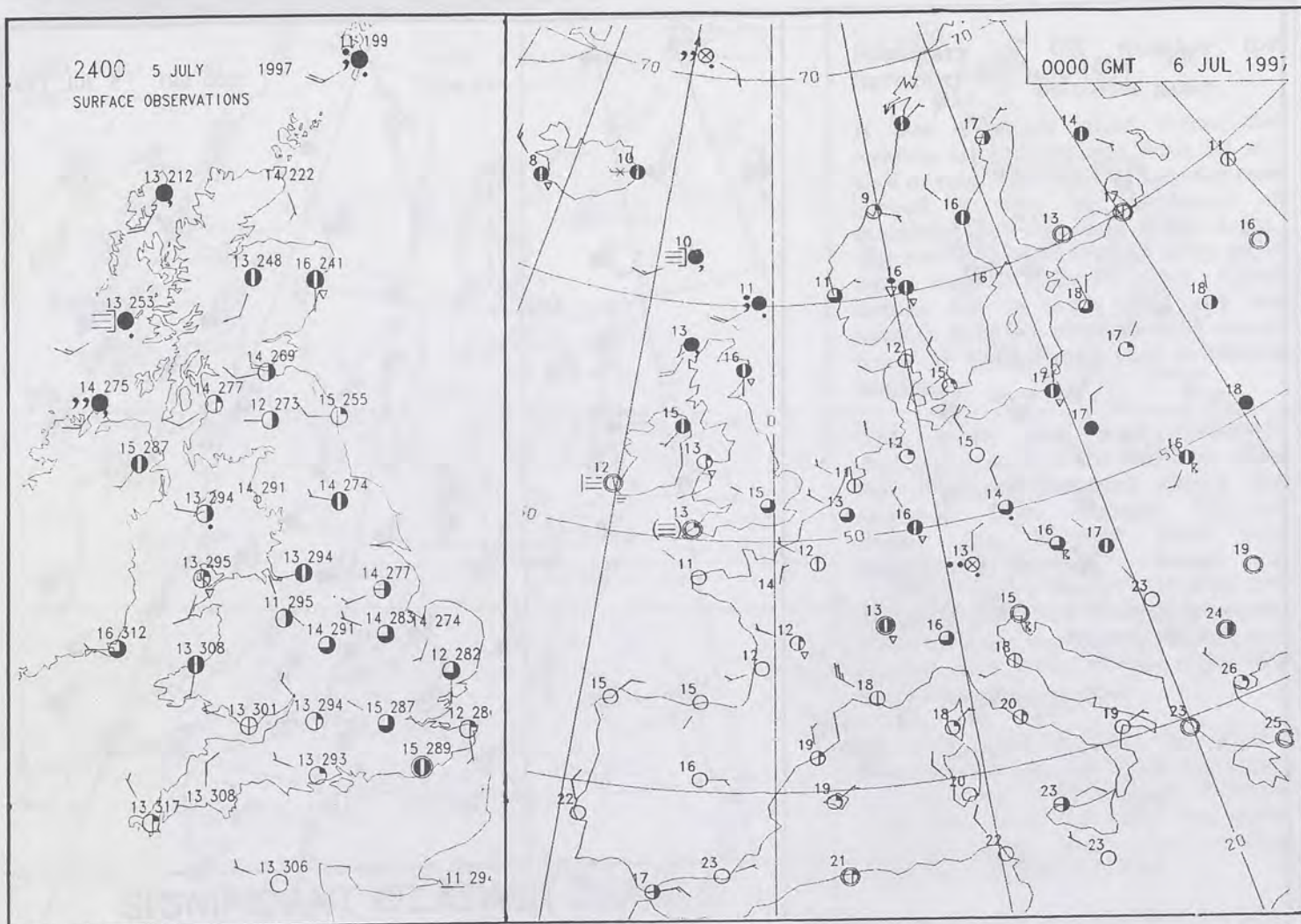
MSLP ANALYSIS DT 1200 UTC 05 JUL 1997



MSLP ANALYSIS DT 1800 UTC 05 JUL 1997







DT 12Z SUN 6/ 7/97 VI 12Z SUN 6/ 7/97 GMAIN T+ 0 THICKNESS DM. 500-1000MB HEIGHT DM.







0600 6 JULY 1997  
SIGWX



1200 6 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 6 JULY 1997  
SIGWX



2400 6 JULY 1997  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Sunday 6th July 1997

It was a cloudy and misty night across the Northern Isles and western Isles with some drizzly rain at times. It was also cloudy around western coastal parts of Scotland and Northern Ireland with the odd spot of rain in these parts at times. The rest of the country had a dry night with variable cloud cover. Cloud breaks led to some mist patches.

Patchy rain continued to affect the western Isles but also extended across parts of central and northern Scotland during the day. Over western parts of Scotland the rain was moderate or heavy at times. One or two sharp showers affected northeast England but the rest of the country had a mostly fine, dry day with sunny periods.

The drizzly rain continued to affect northern and western parts of Scotland during the evening and the odd shower drifted across eastern England. Elsewhere it remained mainly dry with the best of the cloud breaks across central and southern England.

Across the Northern and Western Isles temperatures were close to normal. Across parts of eastern Scotland, central and southern England, it was locally hot and across much of the country it was warm or very warm for the time of year.

## EXTREMES

### SUNDAY 6TH JULY 1997

**Highest Maximum**  
: 26.7 C Poole [ Dorset ]

**Lowest Maximum**  
: 11.9 C Cape Wrath [ Highland ]

**Lowest Minimum**  
: 7.2 C Benson [ Oxfordshire ]

**Lowest Grass Minimum**  
: 3.3 C Bastreet [ Cornwall ]

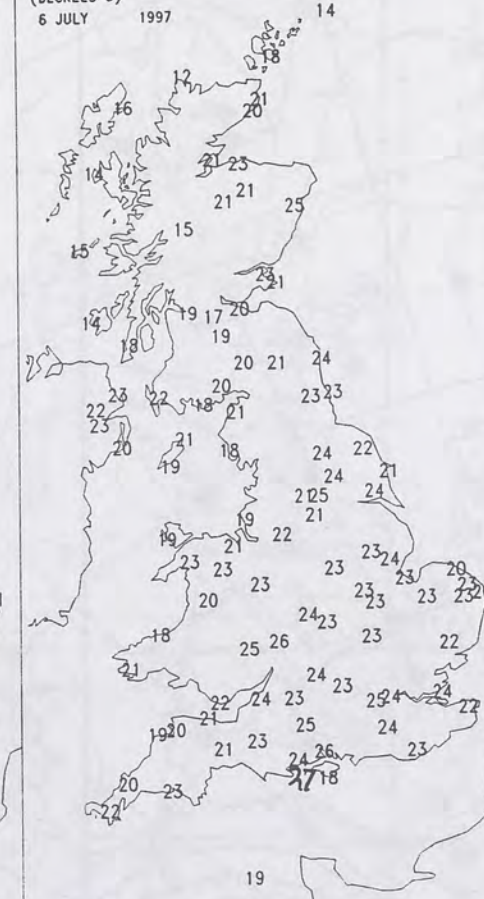
**Most Rain (24 hrs from 0900 GMT)**  
: 10.2 mm Cape Wrath

**Most Sunshine**  
: 15.1 hrs Guernsey Airport

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
6 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
6 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
6 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
6 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
6 JULY 1997



## DAILY WEATHER SUMMARY



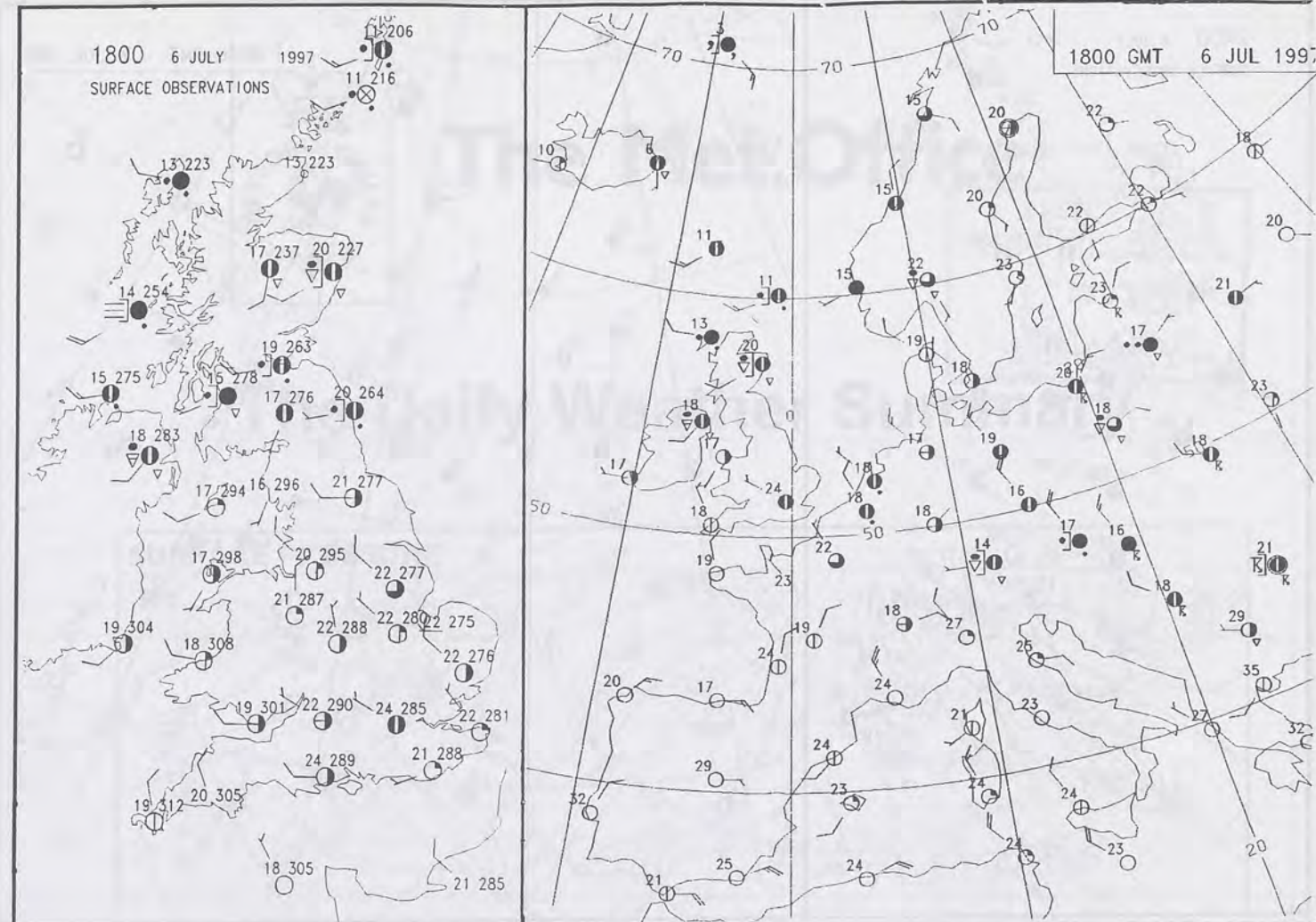
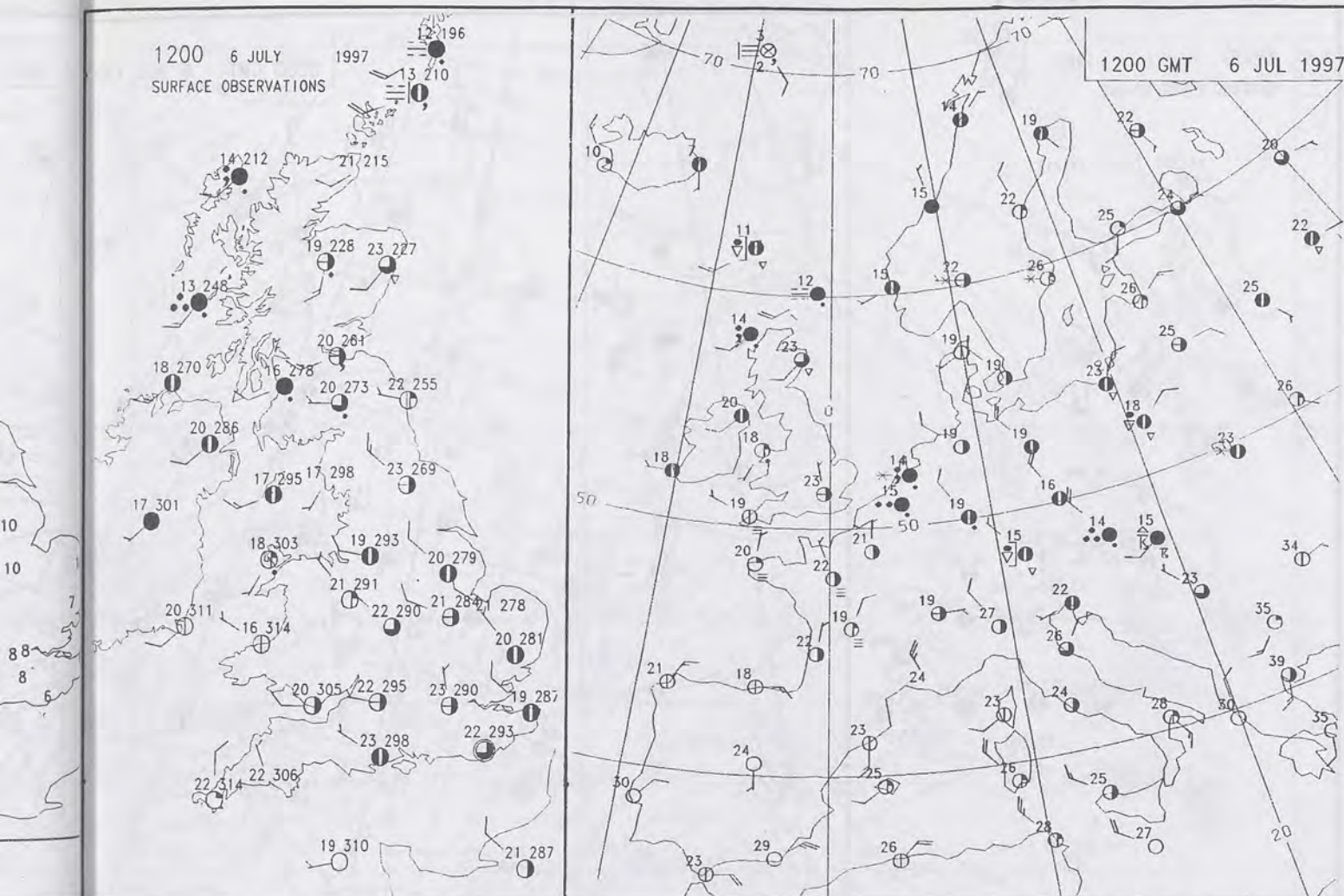
For details of other Weather Summaries produced by the Met. Office please contact:

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

Telephone: 0171 405 4358  
Fax: 0171 404 4314

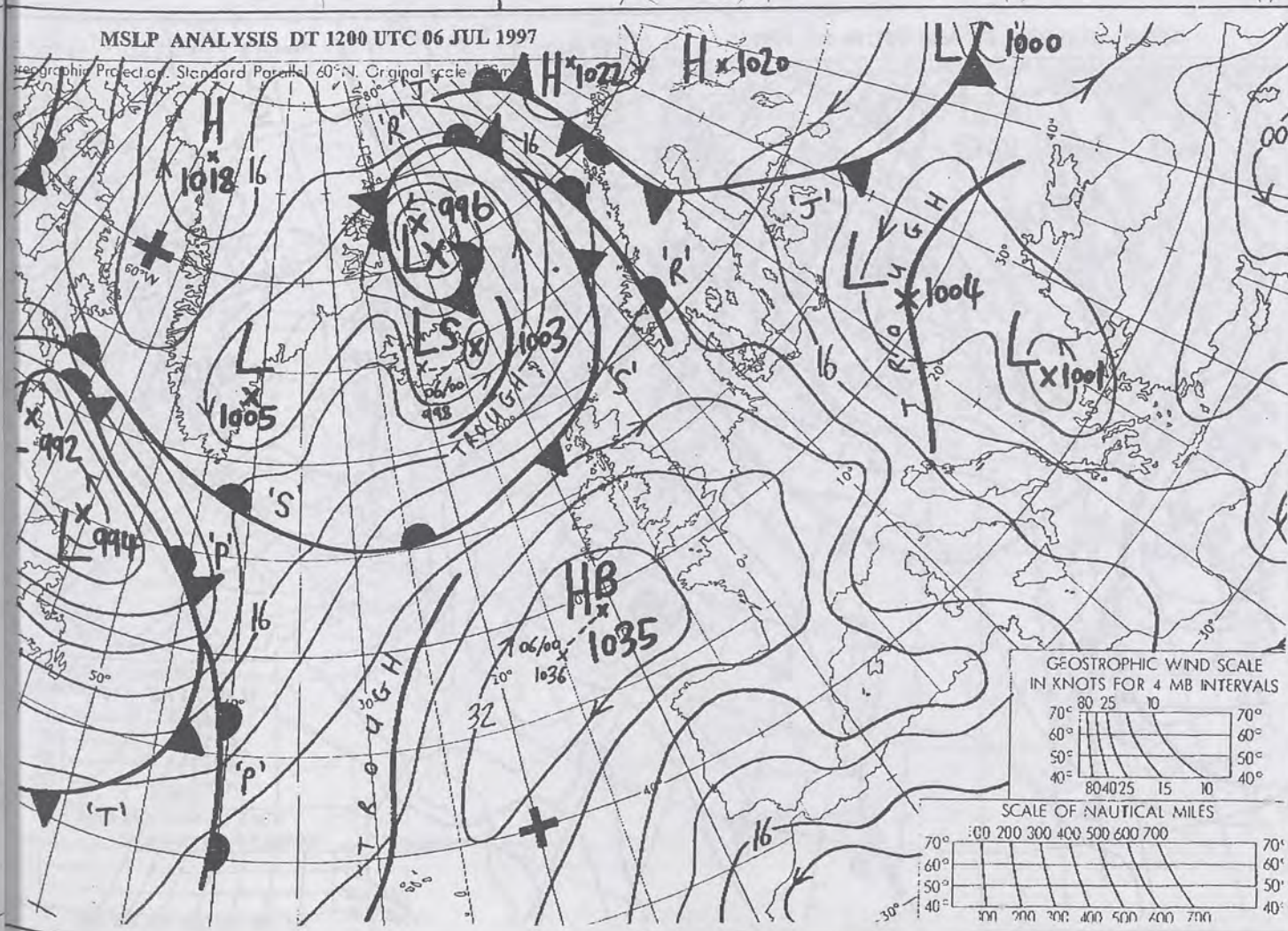


1800 GMT 6 JUL 1997



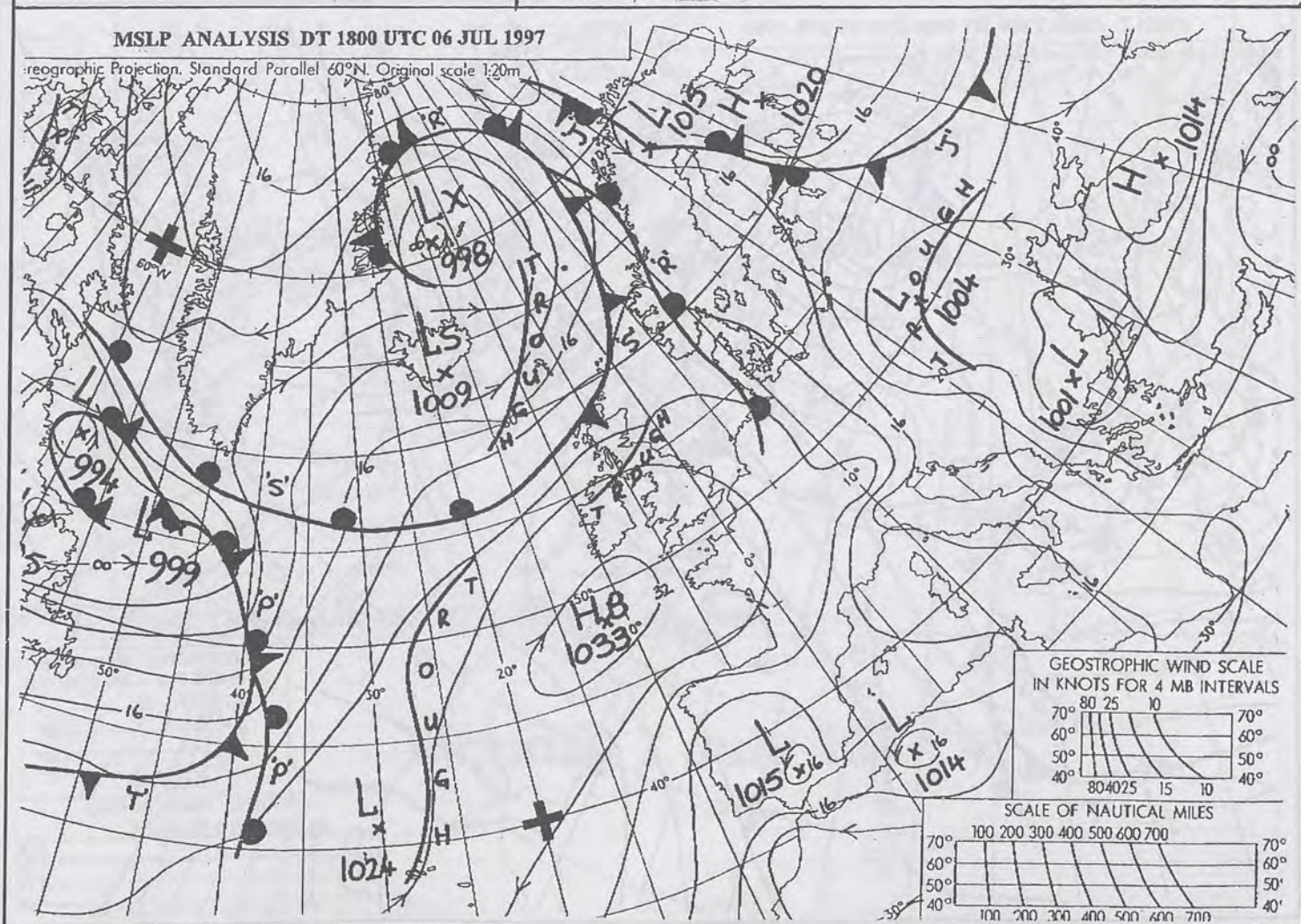
MSLP ANALYSIS DT 1200 UTC 06 JUL 1997

Geographic Projection: Standard Parallel 60°N. Original scale 1:85m

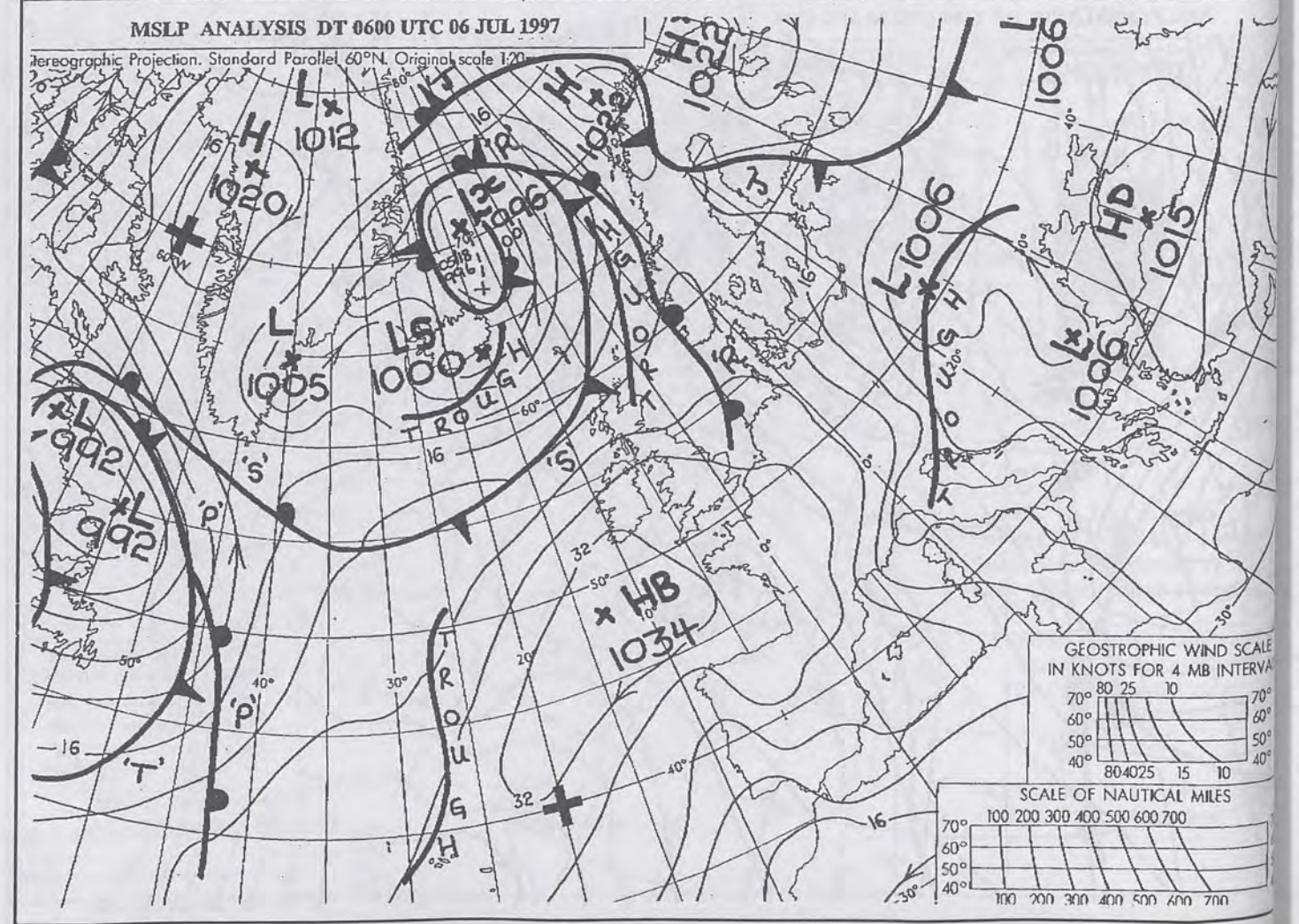
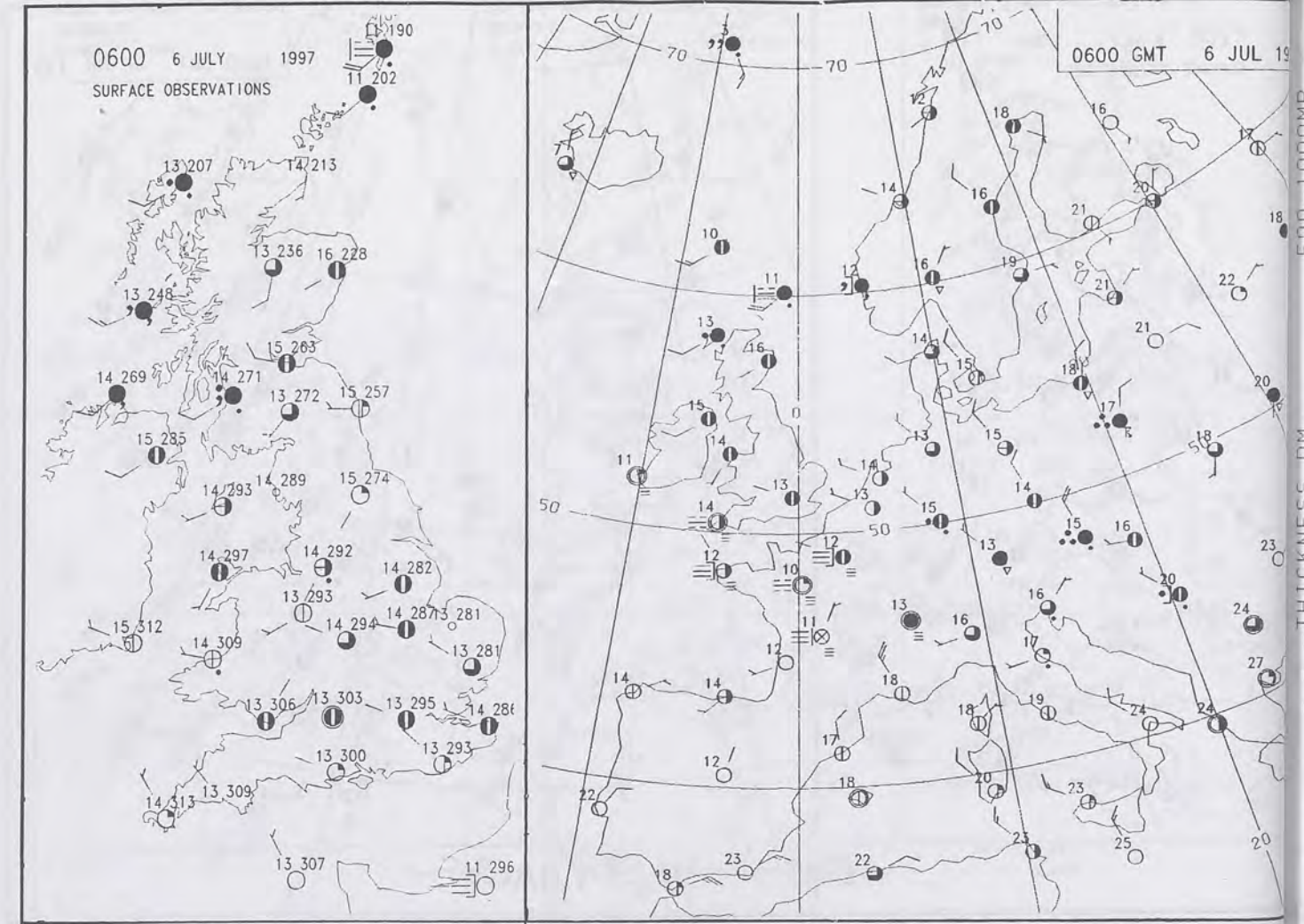
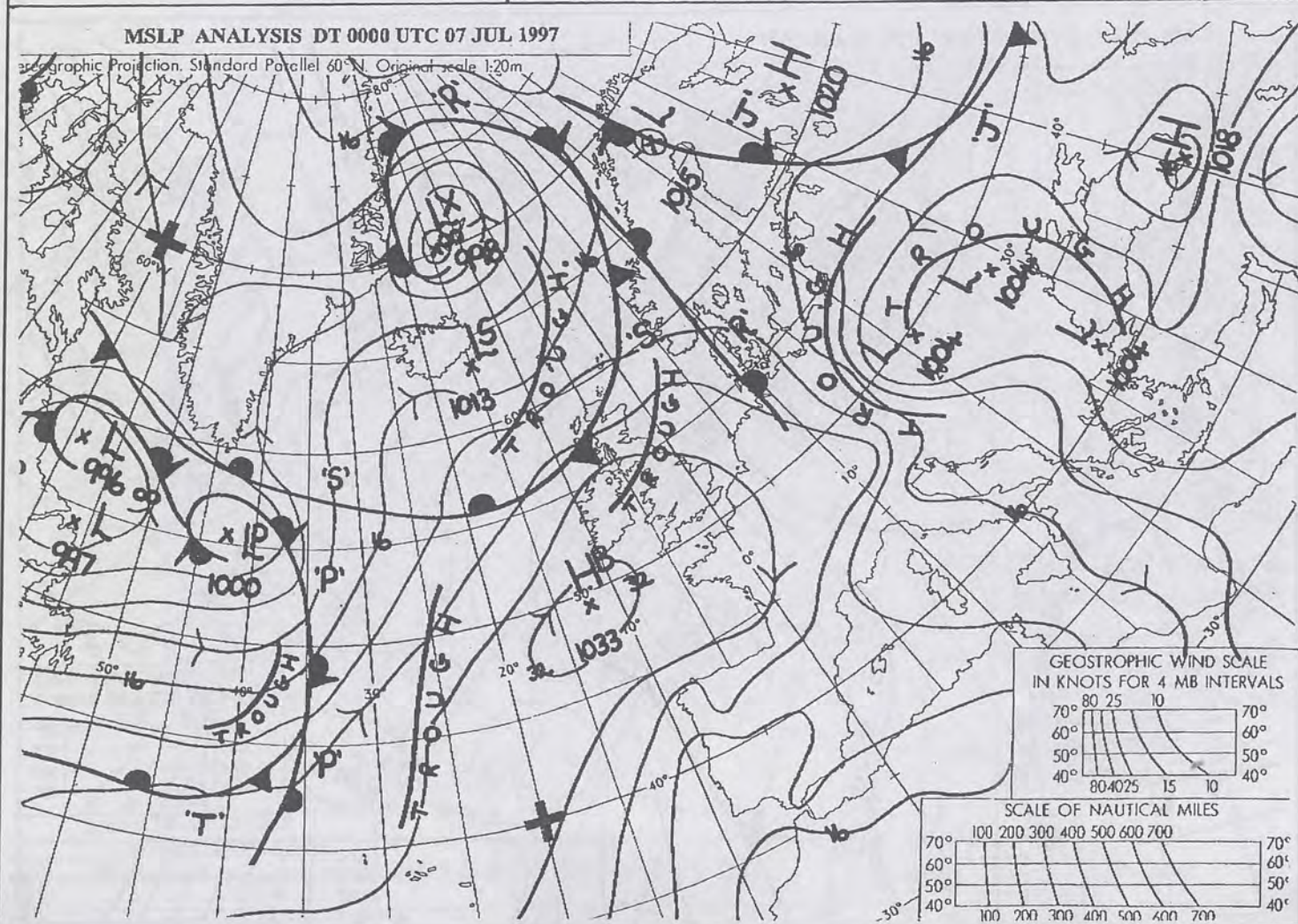
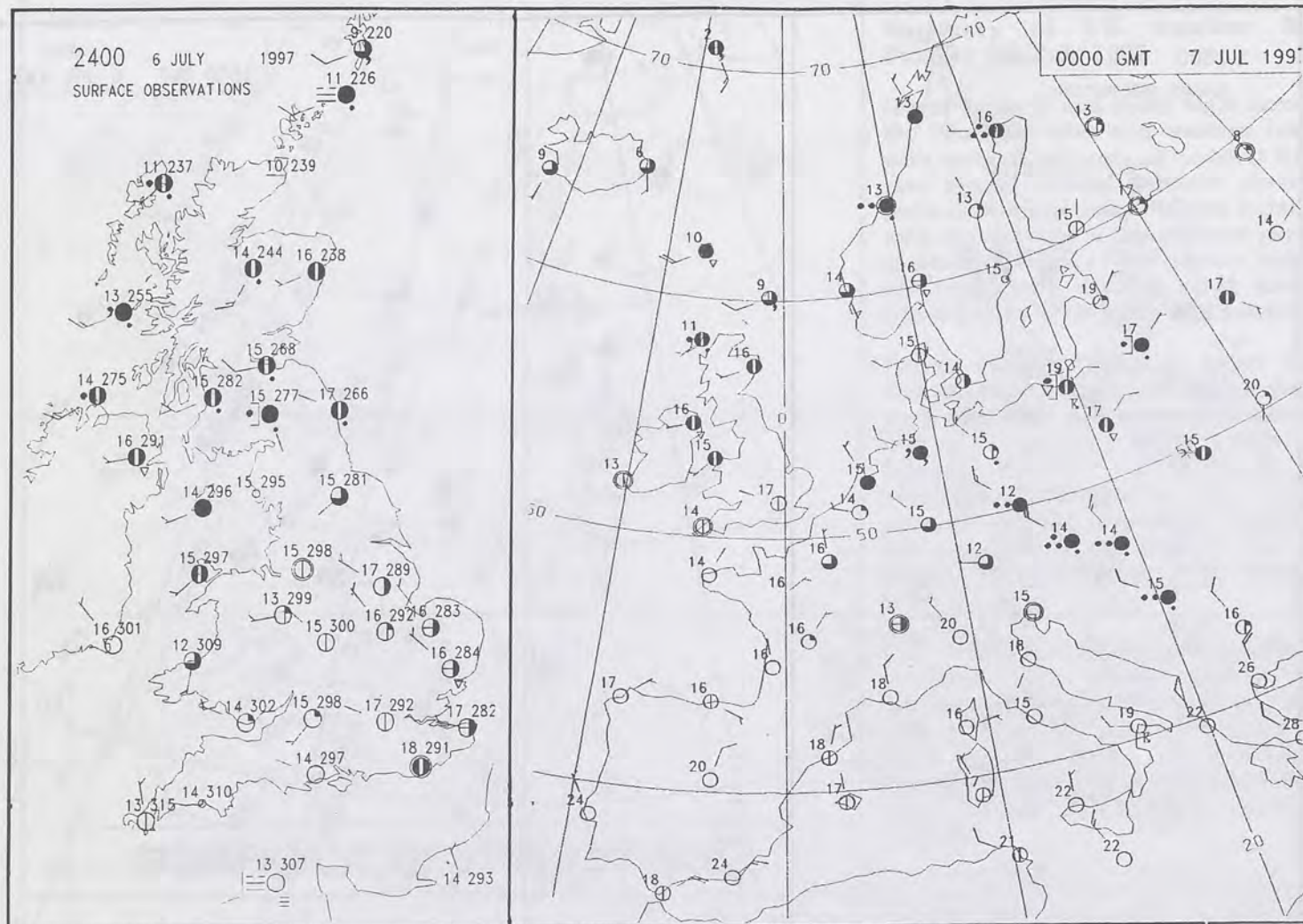


MSLP ANALYSIS DT 1800 UTC 06 JUL 1997

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







500-1000MB  
THICKNESS DM.  
HEIGHT DM.  
T+ 0  
GRAIN  
7/ 7/97  
VT 122 MON  
7/ 7/97  
VT 122 MON



5 JUL 19

500-1000MB  
500MB

THICKNESS DM.  
HEIGHT DM.

T+ 0  
GRAIN

7/ 7/97  
VT 12Z

7/ 7/97  
MON

ND SCALE  
B INTERVAL

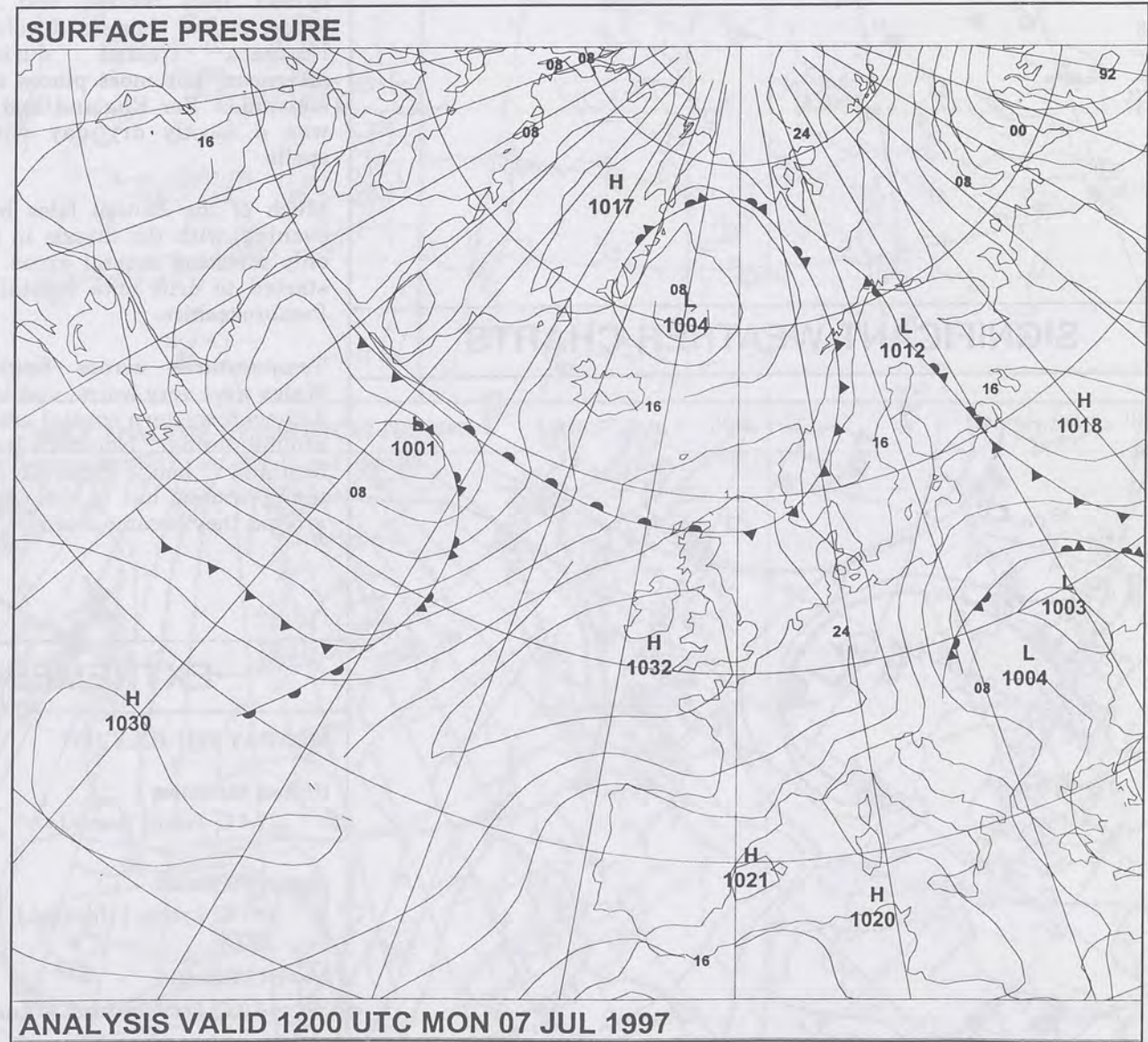
700



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# The Daily Weather Summary



Monday 7 July 1997



0600 7 JULY 1997  
SIGWX



1200 7 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 7 JULY 1997  
SIGWX



2400 7 JULY 1997  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Monday 7th July 1997

Scotland had a cloudy night with outbreaks of rain or drizzle over the west coast and from the Grampians northwards. North Ireland also have some drizzle along the northern coast. England and Wales stayed dry with clear spells, but some fog patches formed across southern and eastern counties.

Outbreaks of rain continued over north and west Scotland throughout the day with fog affecting the coastal areas. During the afternoon outbreaks of rain spread into central and southern areas. A few showers developed over Northern Ireland during the afternoon, but most places saw some sunshine. For England and Wales it was a mostly dry day with sunny spells.

Much of the British Isles had a dry evening, with the drizzle in the north only affecting coastal areas. Sea fog started to drift onto coastal areas of Pembrokeshire.

Temperatures across England and Wales were very warm, and locally hot. Although western coastal areas stayed around normal. Northern Ireland and Scotland had generally normal temperatures, but to the east of high ground they became warm.

## EXTREMES

### MONDAY 7TH JULY 1997

**Highest Maximum**  
: 27.4 C Poole [ Dorset ]

**Lowest Maximum**  
: 11.7 C Lybster [ Highland ]

**Lowest Minimum**  
: 7.9 C Pembrey Sands [ Carmarthenshire ]

**Lowest Grass Minimum**  
: 2.0 C Bastreet [ Cornwall ]

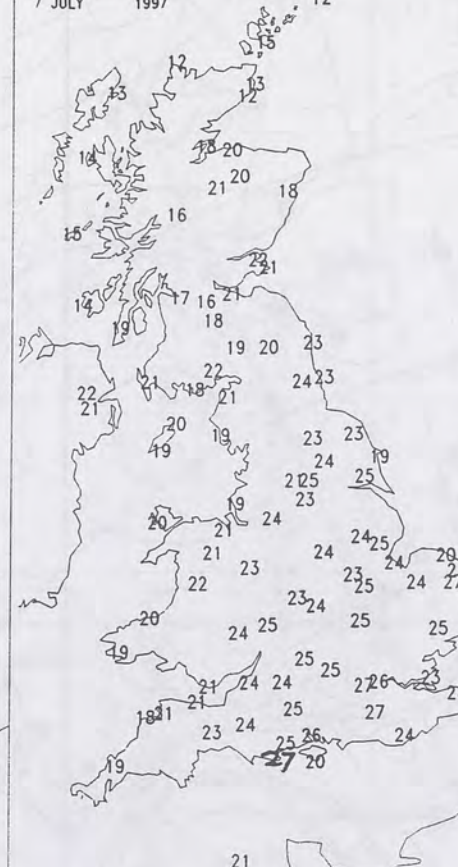
**Most Rain (24 hrs from 0900 GMT)**  
: 14.8 mm Cape Wrath

**Most Sunshine**  
: 15.1 hrs Guernsey Airport

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
7 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
7 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
7 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
7 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
7 JULY 1997



## DAILY WEATHER SUMMARY



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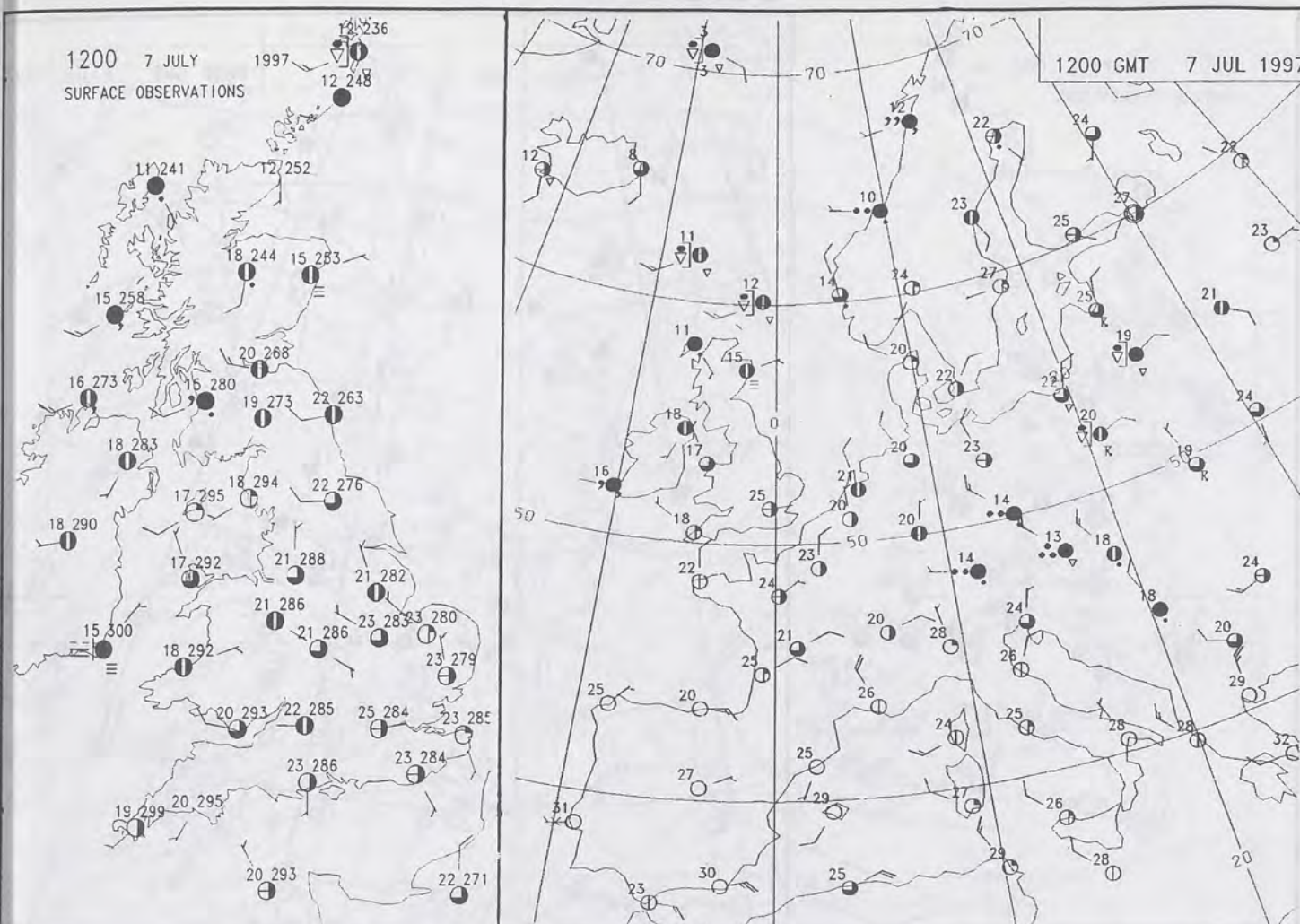
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



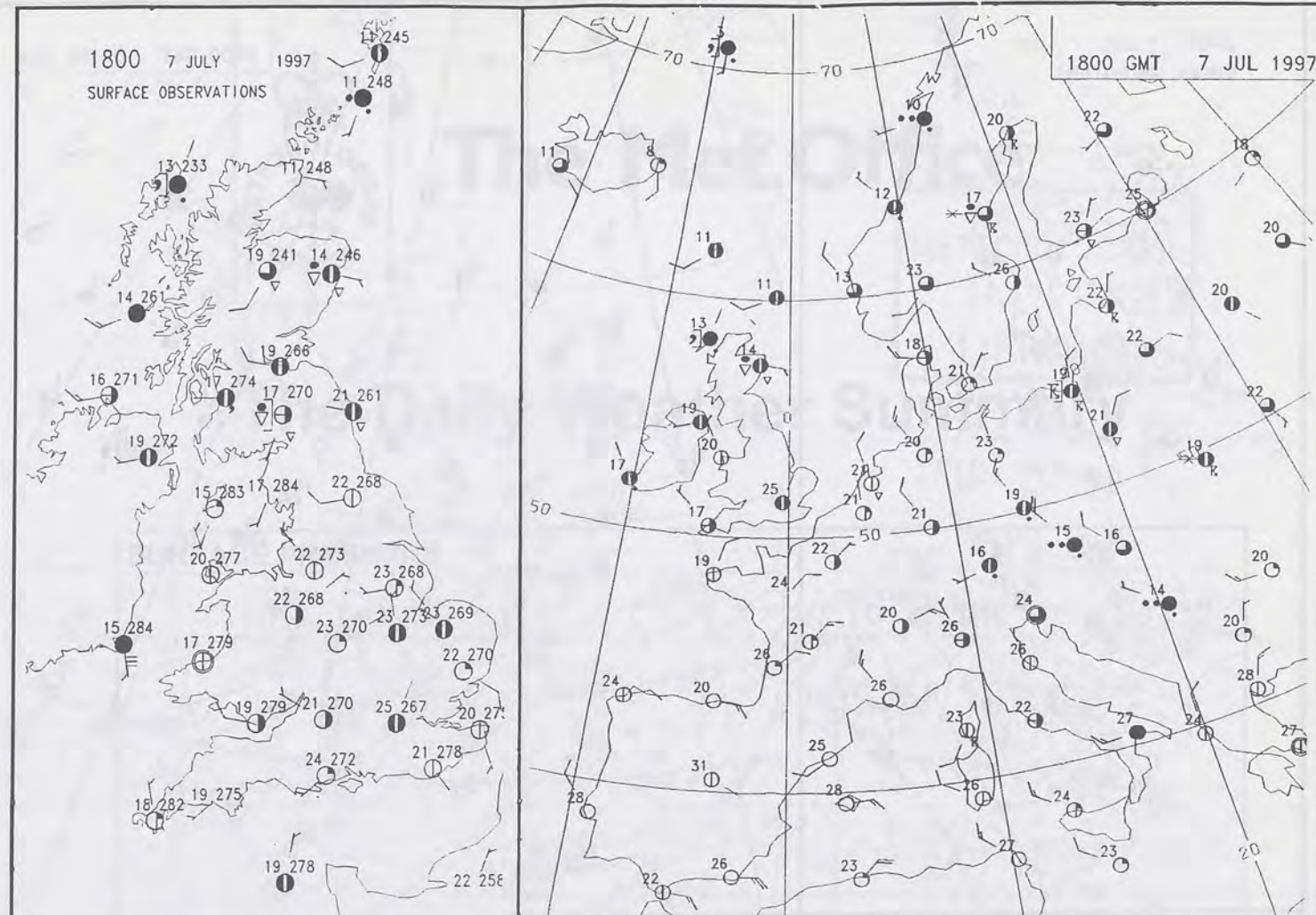
1200 7 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 7 JUL 1997



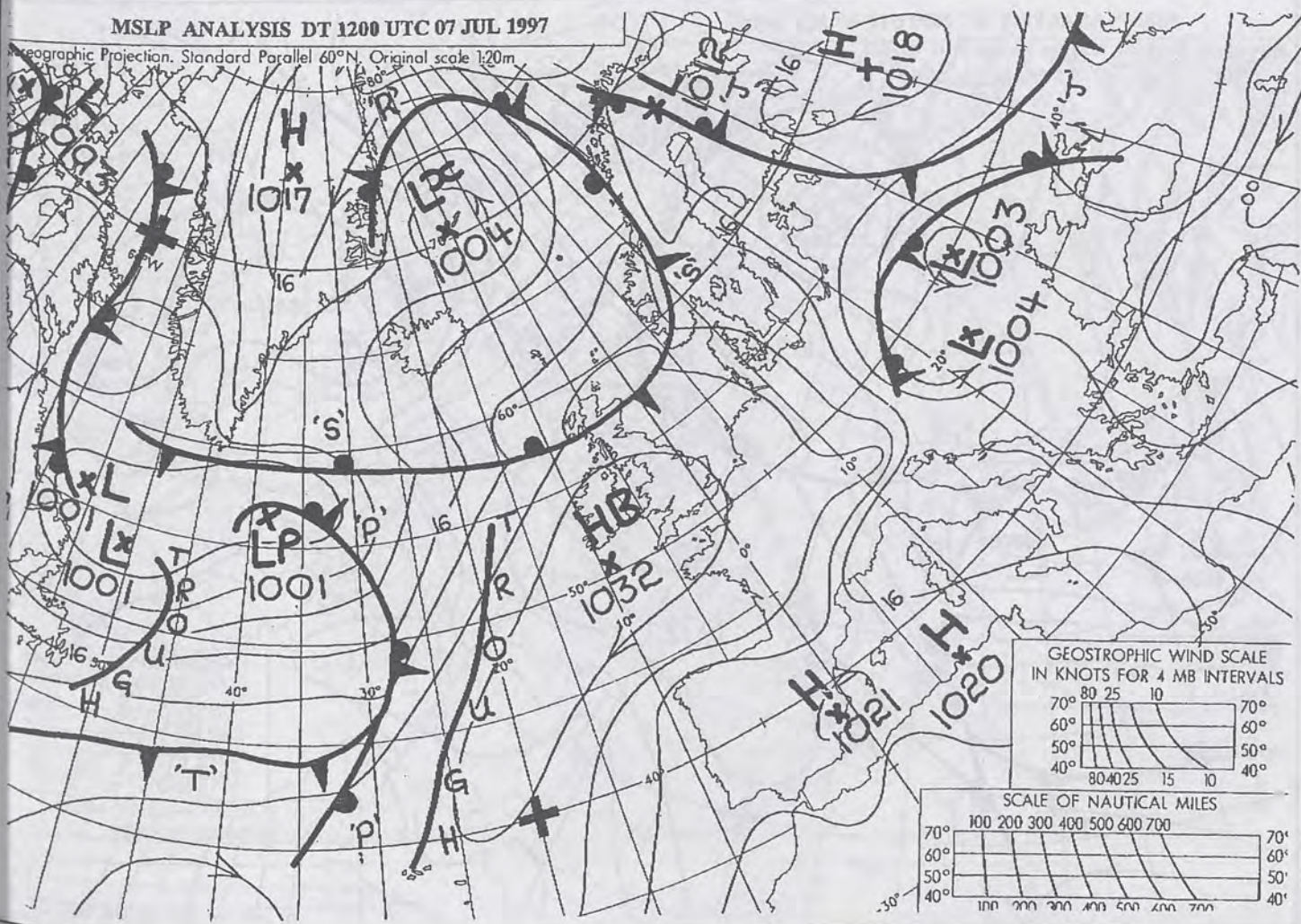
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SURFACE OBSERVATIONS

1800 GMT 7 JUL 1997



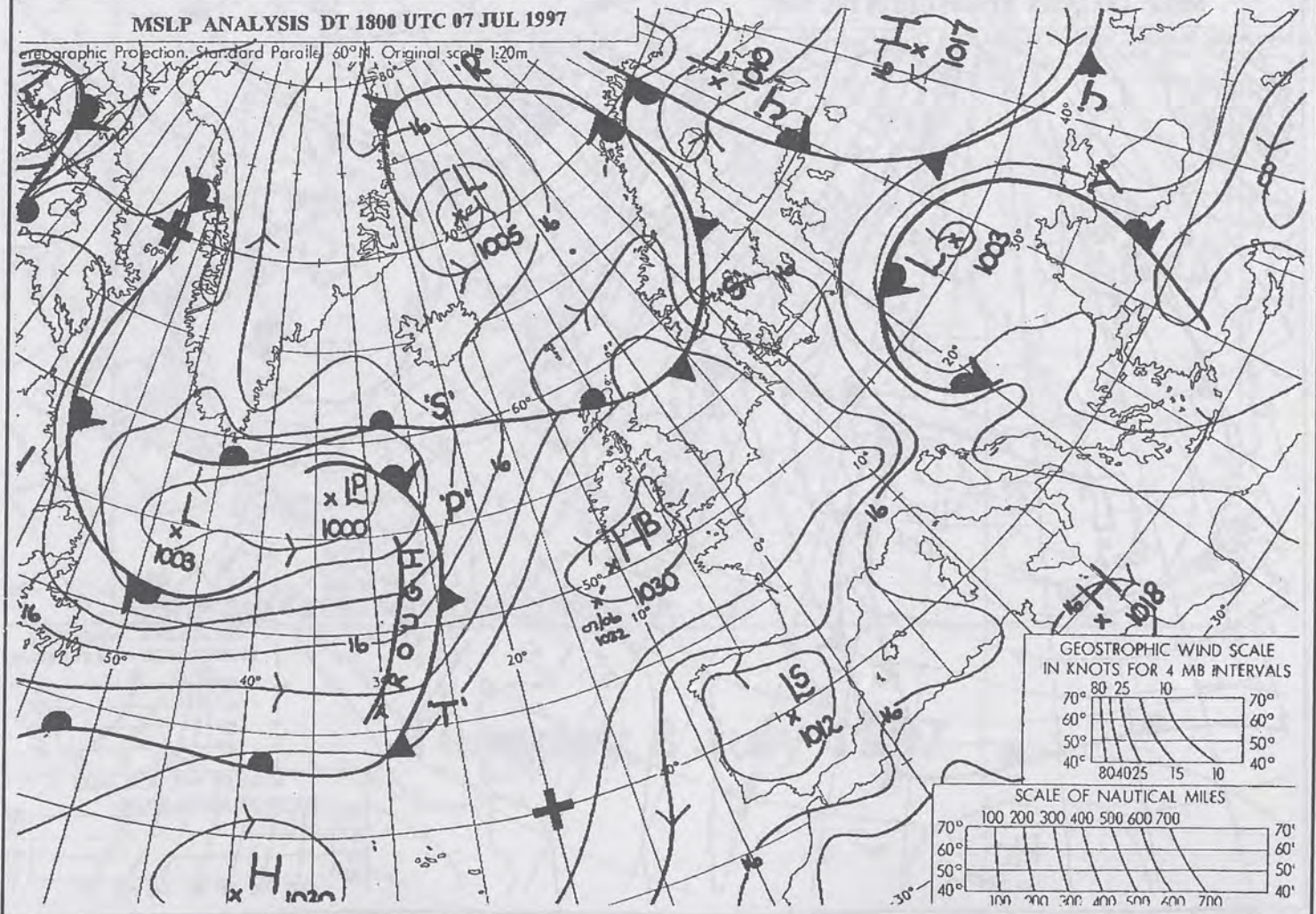
MSLP ANALYSIS DT 1200 UTC 07 JUL 1997

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

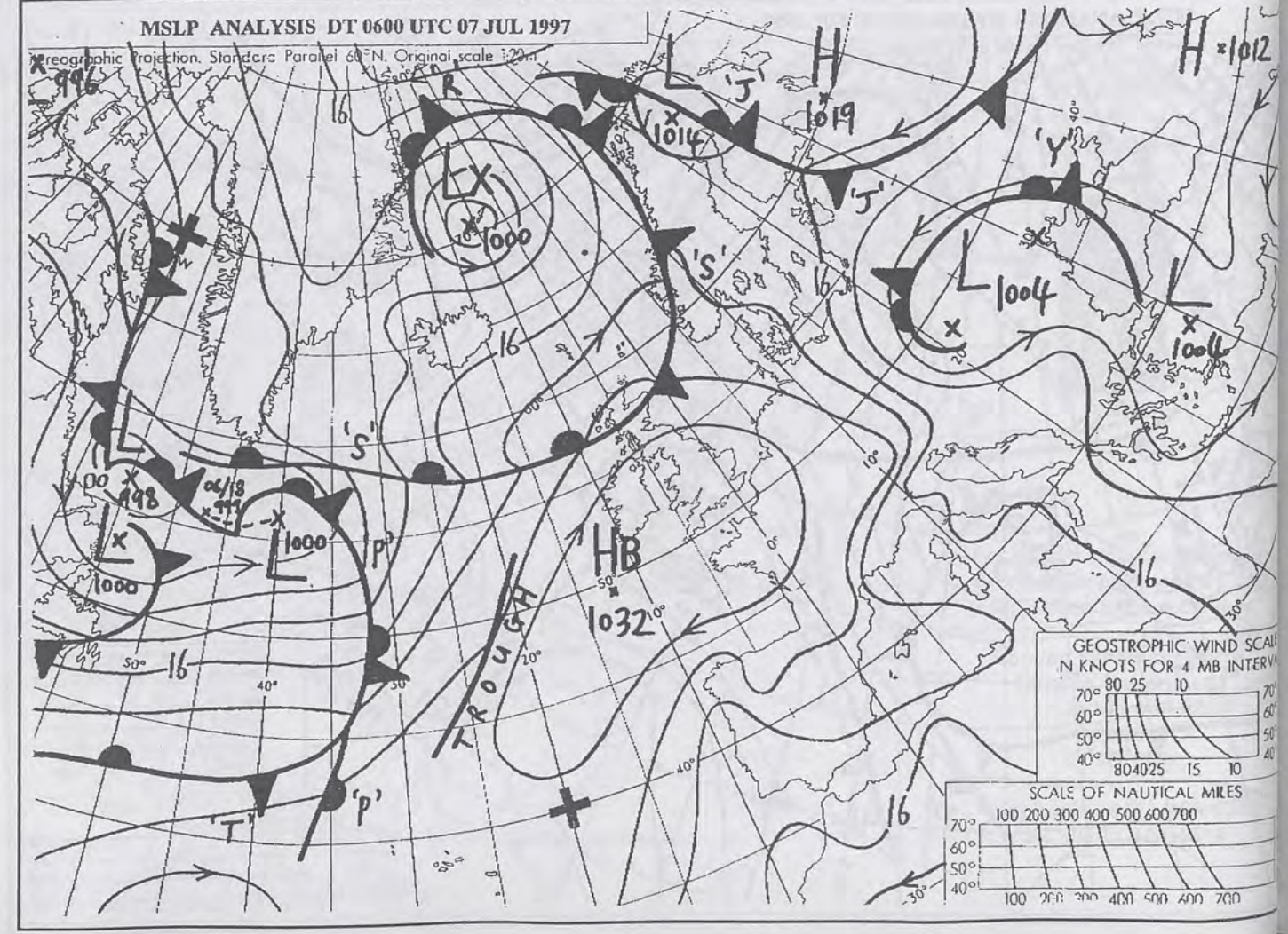
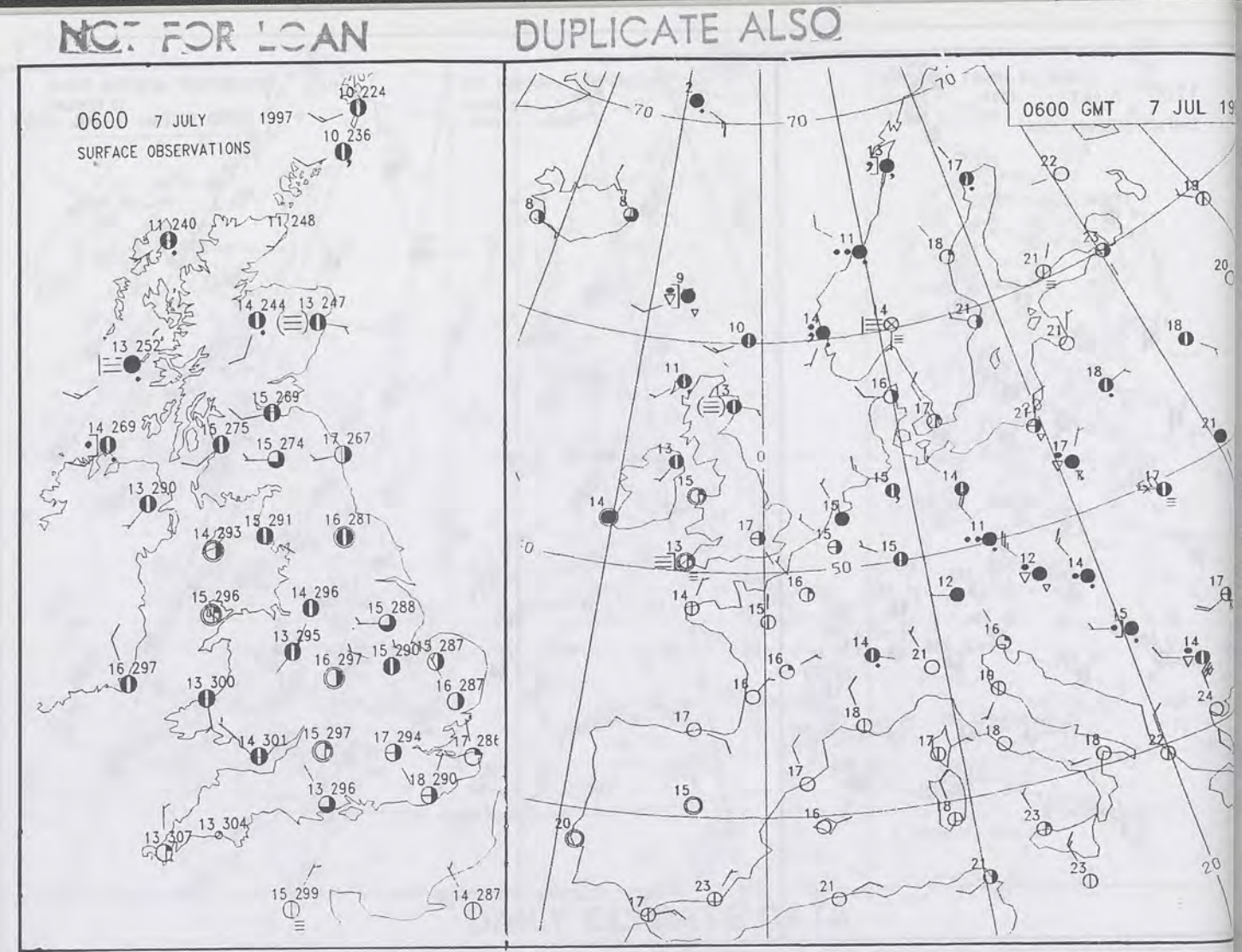
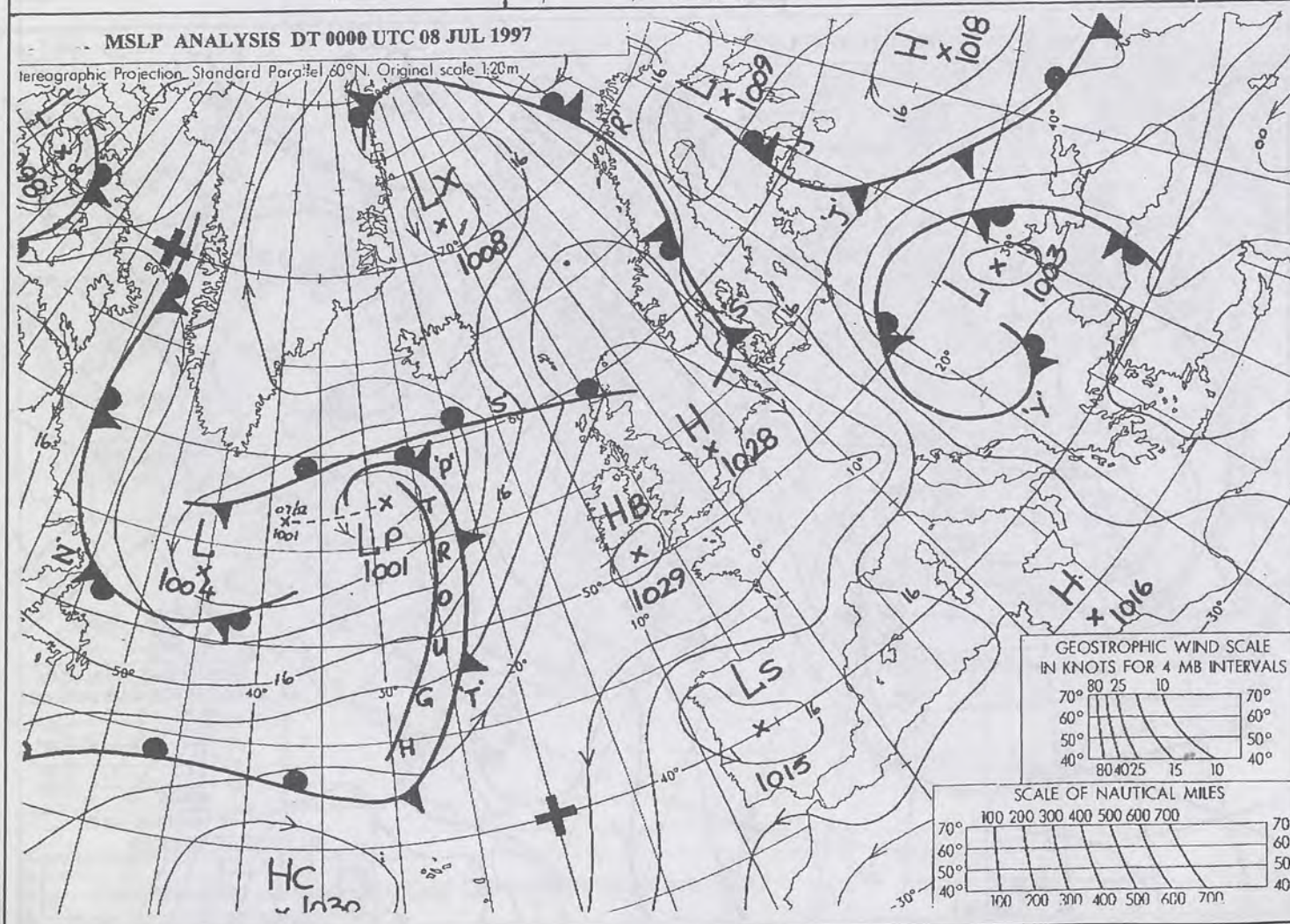
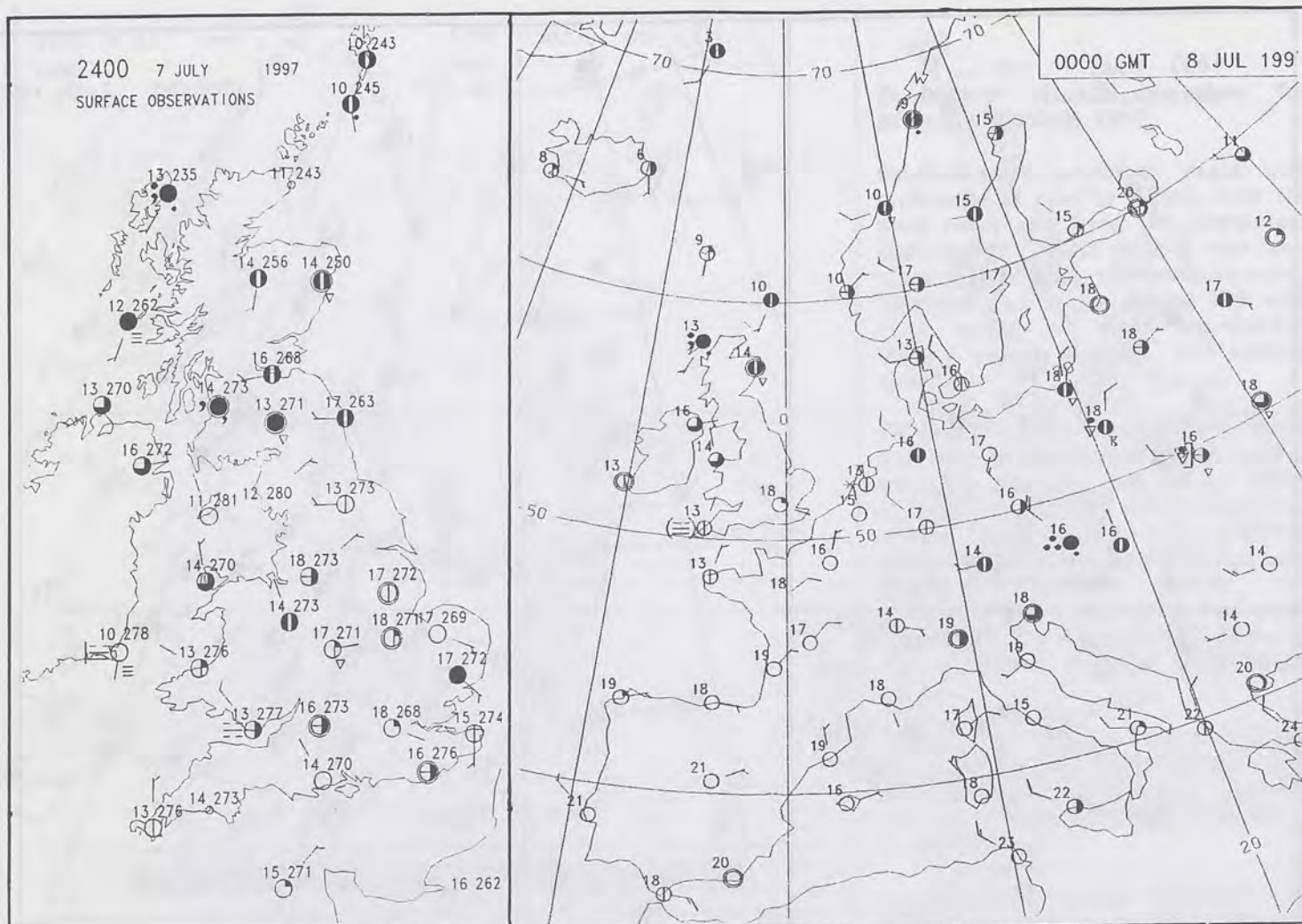


MSLP ANALYSIS DT 1800 UTC 07 JUL 1997

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







THICKNESS DM. T + 0  
500-1000MB  
HEIGHT DM.

DT 12Z TUES 8/ 7/97 VT 12Z TUES 8/ 7/97



JUL 19

500-1000MB  
500MB

18

21

17

24

20

1012

WIND SCALE  
MB INTERVAL

70

60

50

40

10

WINDS

700

DT 12Z TUES 8/ 7/97 VT 12Z TUES 8/ 7/97 GMAIN T+ 0

THICKNESS DM.

HEIGHT DM.

CHART 13

PHEA50 EGRR 1200Z

POLAR STEREOGRAPHIC PROJECTION AT 60N SCALE 1:20M RUN TIME 15.48.35

500-1000MB

500MB

18

21

17

24

20

1012

WIND SCALE  
MB INTERVAL

70

60

50

40

10

WINDS

700

DT 12Z TUES 8/ 7/97 VT 12Z TUES 8/ 7/97 GMAIN T+ 0

THICKNESS DM.

HEIGHT DM.

CHART 13

PHEA50 EGRR 1200Z

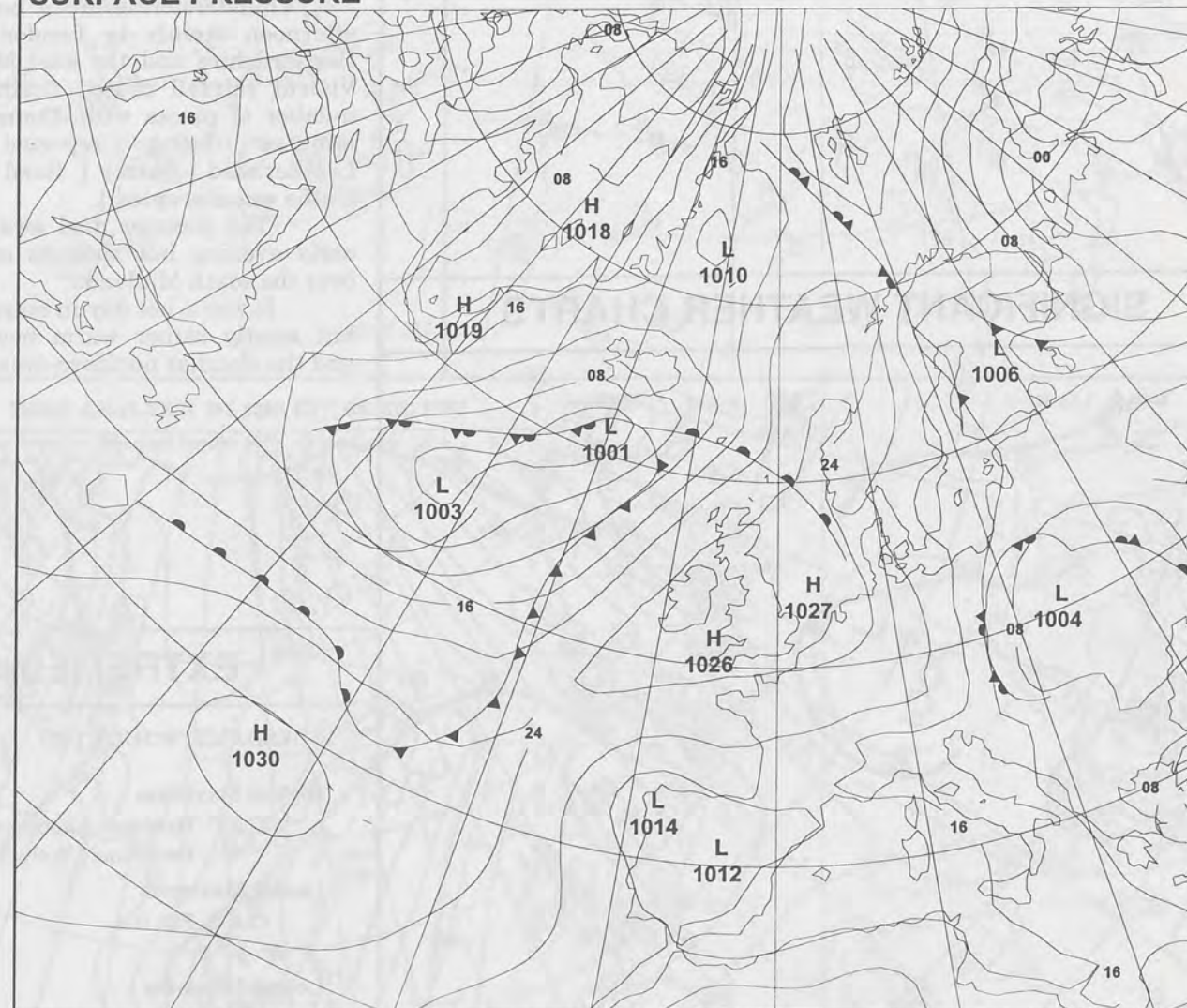


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# The Daily Weather Summary

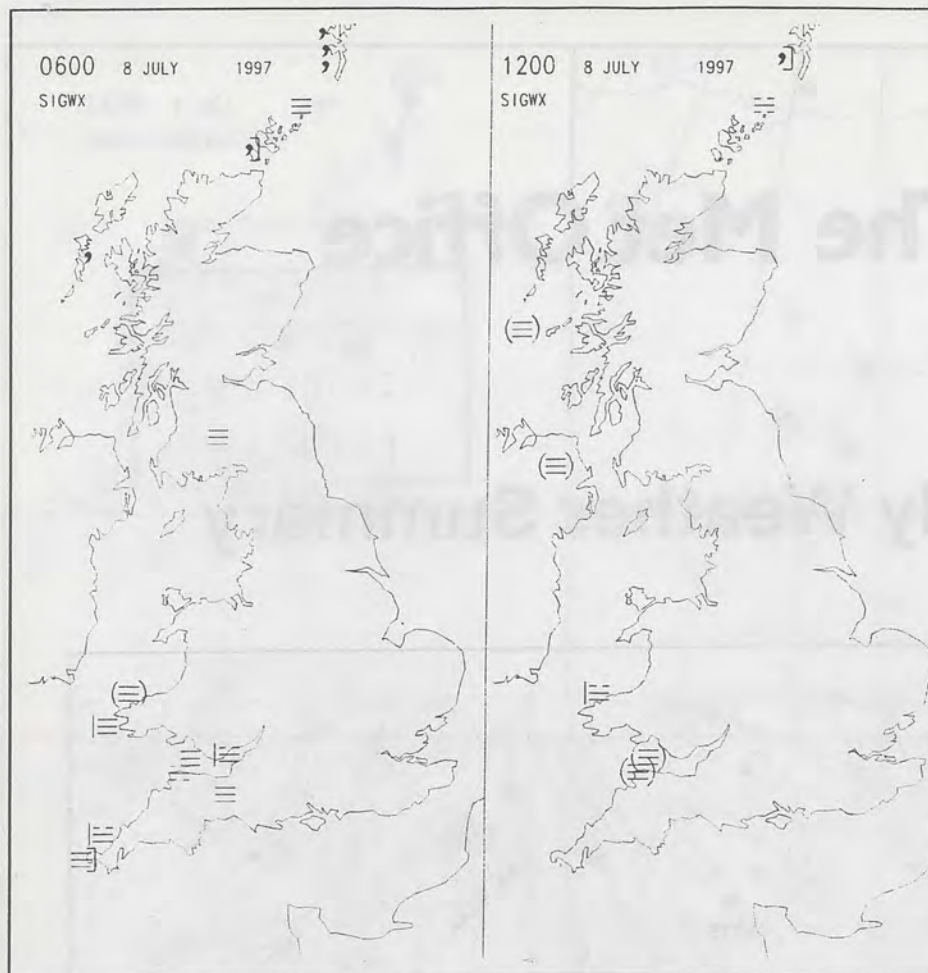
## SURFACE PRESSURE



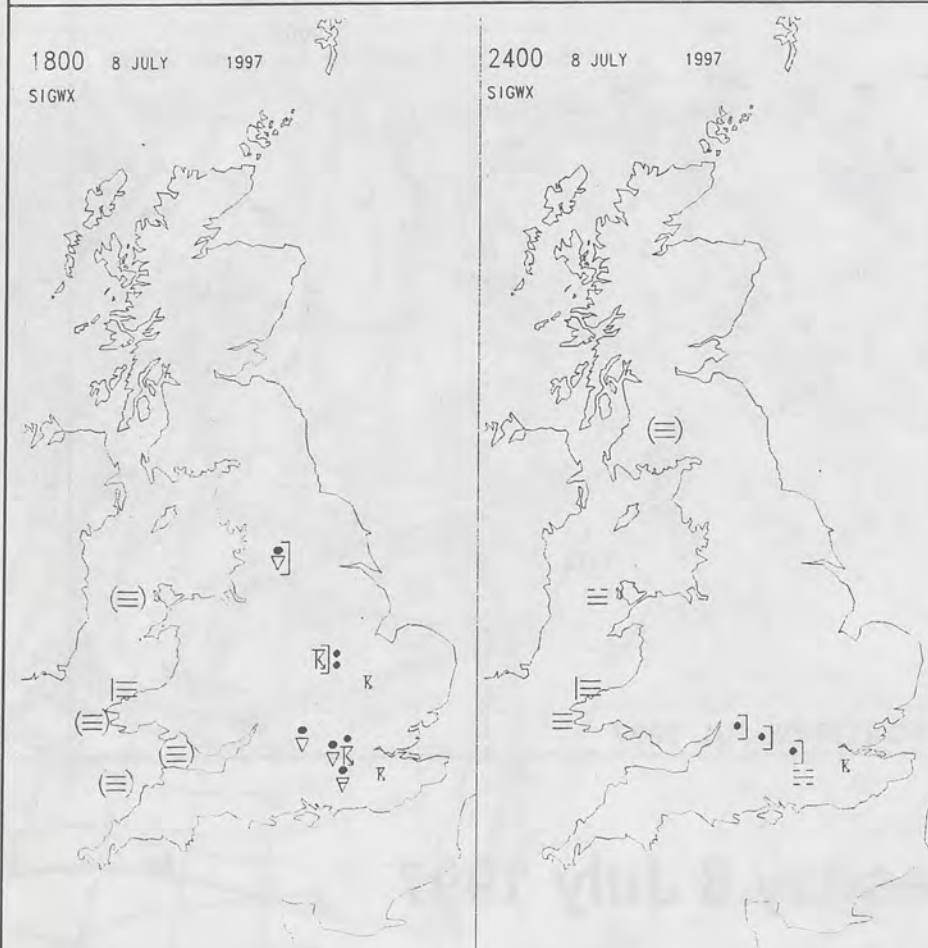
ANALYSIS VALID 1200 UTC TUE 08 JUL 1997

Tuesday 8 July 1997





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Tuesday 8th July 1997

Most of the country had a dry night, and variable some cloud, with some drizzle in parts of northern and western Scotland. There was some sea fog around southwestern England and Wales.

Most places had a sunny day although cloud affected areas of Northern Ireland and Scotland, with some drizzle in the Northern Isles.

Thunderstorms broke out in the afternoon mainly in London Surrey Hertfordshire and the east Midlands. Violent rainfall caused flooding in a number of places with 23mm in five minutes being reported from Leatherhead [ Surrey ]. Road and rail traffic was disrupted ].

The thunder died away in the early evening but showers continued over the south Midlands.

It was a hot day in many places, but mostly rather warm near coasts and the cloudier northern areas.

## EXTREMES

### TUESDAY 8TH JULY 1997

**Highest Maximum**  
: 27.6 C Heathrow Airport and Barbourne [ Worcester ]

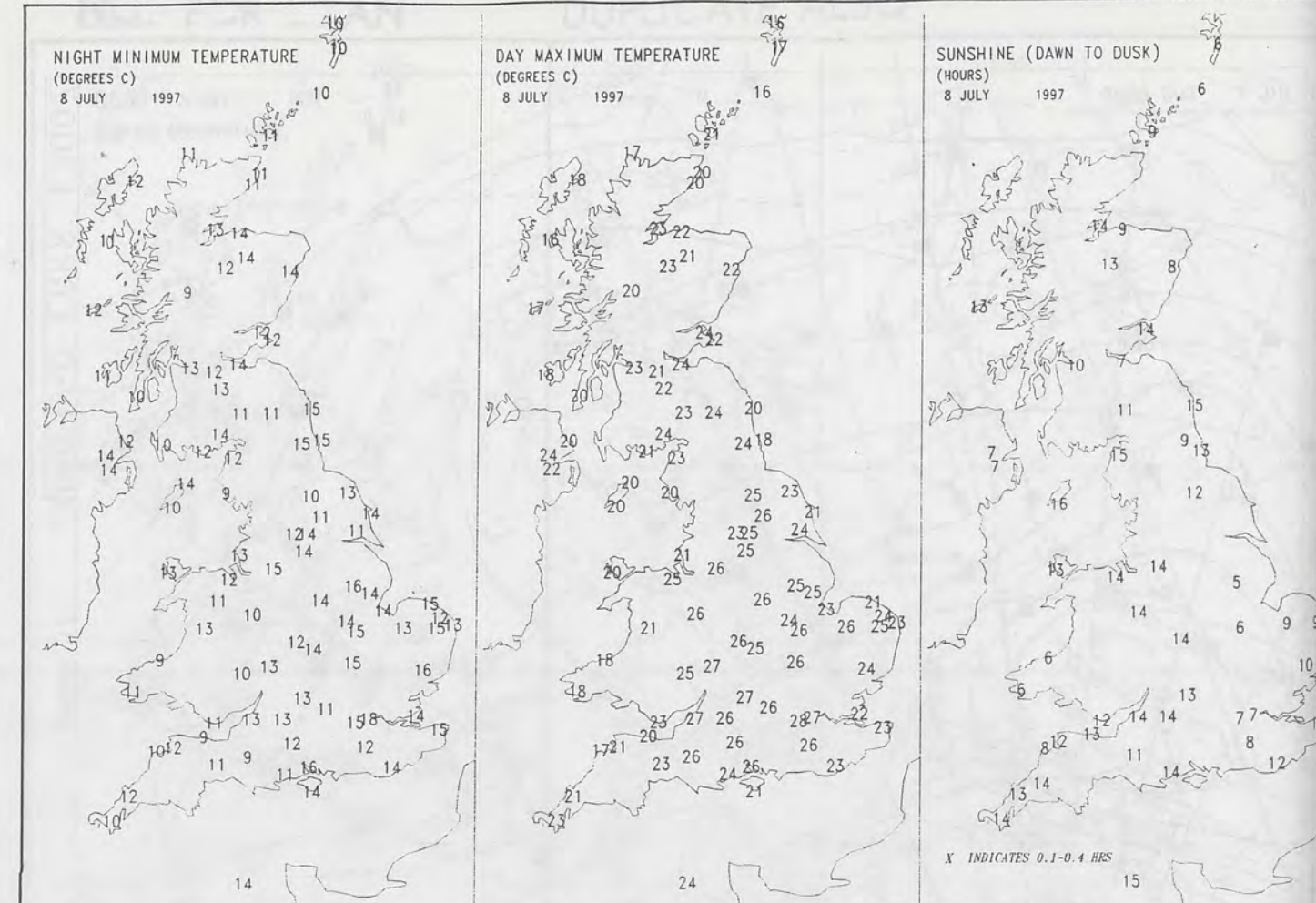
**Lowest Maximum**  
: 15.8 C Fair Isle

**Lowest Minimum**  
: 5.5 C Bastreet

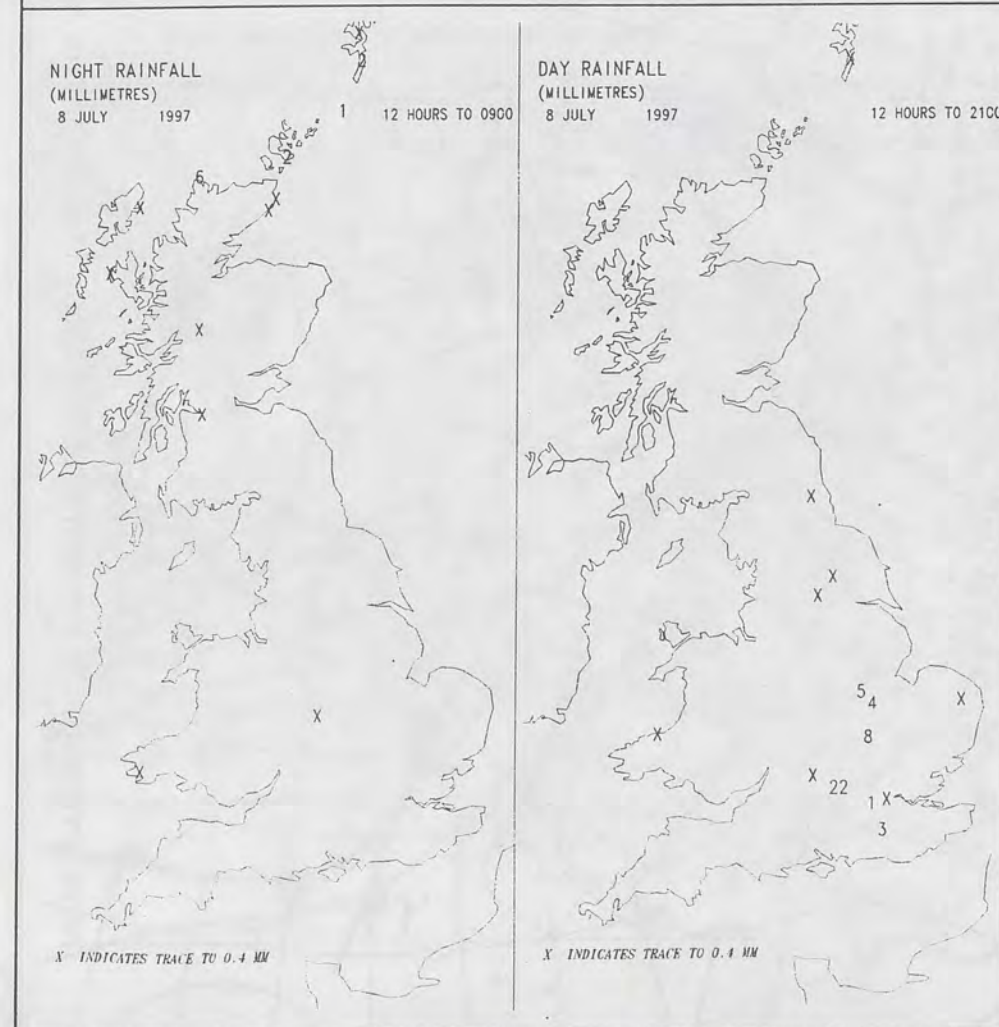
**Lowest Grass Minimum**  
: 0.6 C Bastreet [ Cornwall ]

**Most Rain (24 hrs from 0900 GMT)**  
: 51.8 mm Leatherhead [ Surrey ]

**Most Sunshine**  
: 15.6 hrs Isle of Man



## DAILY CLIMATE DATA



## DAILY WEATHER SUMMARY



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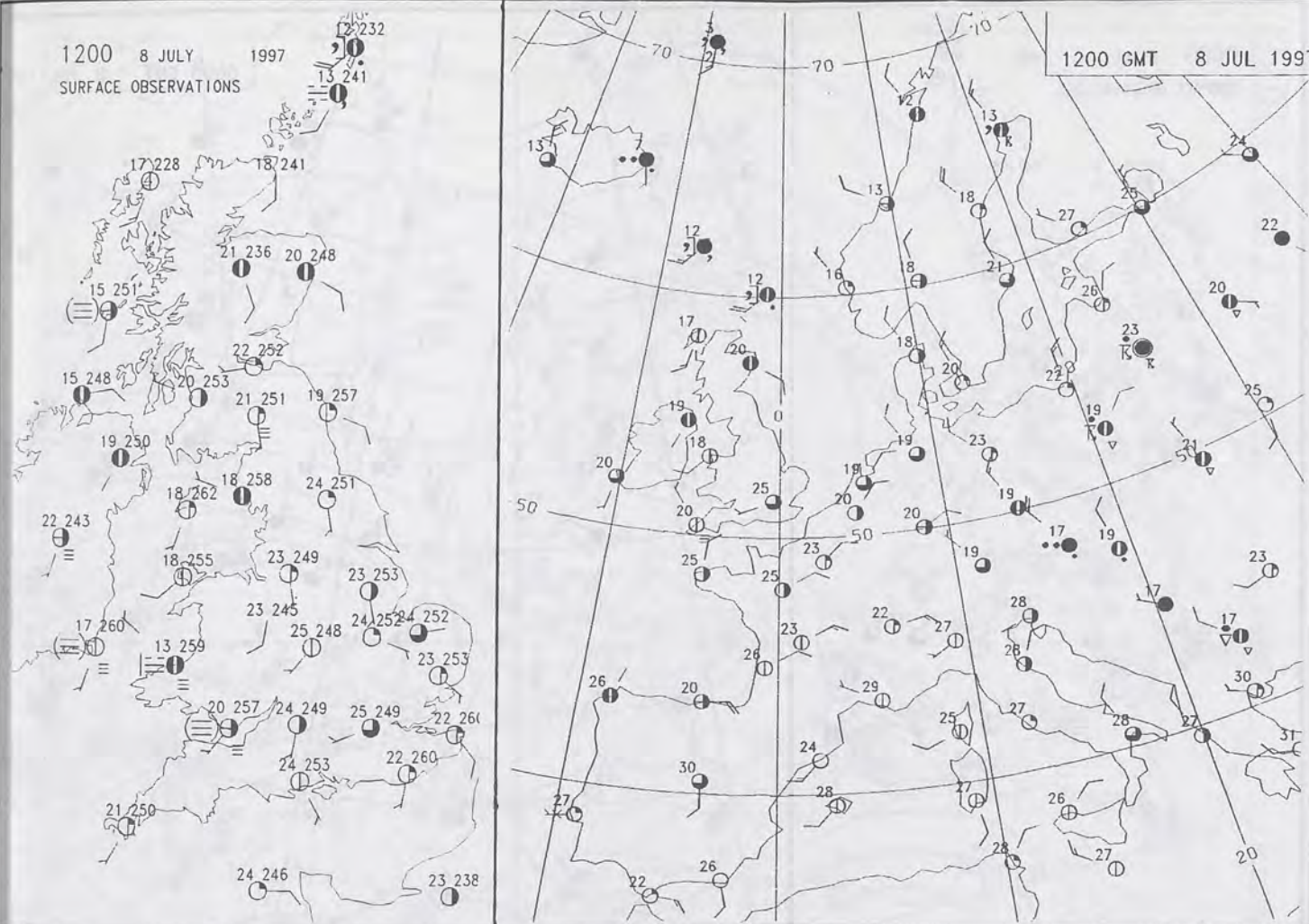
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



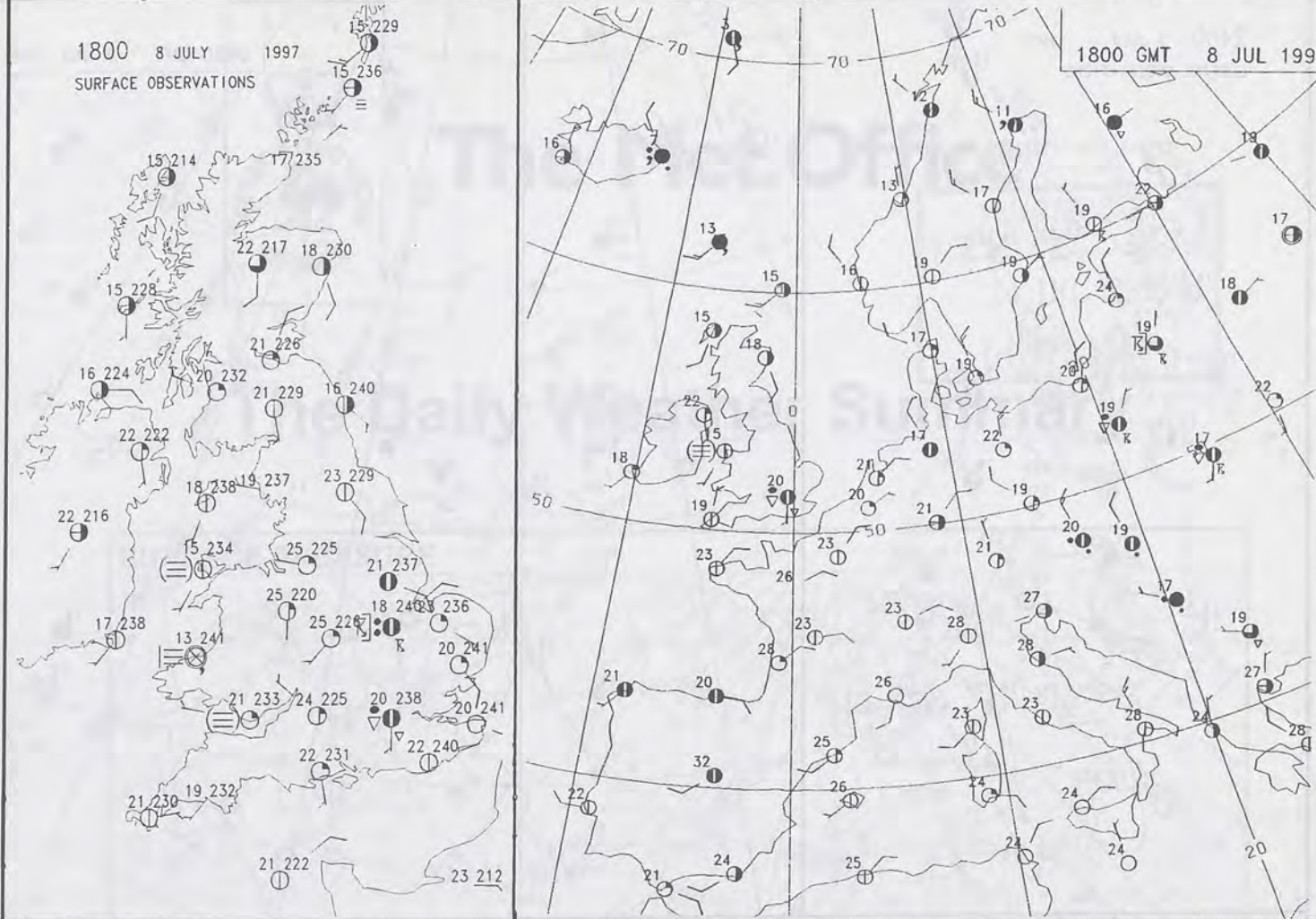
1200 8 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 8 JUL 1997



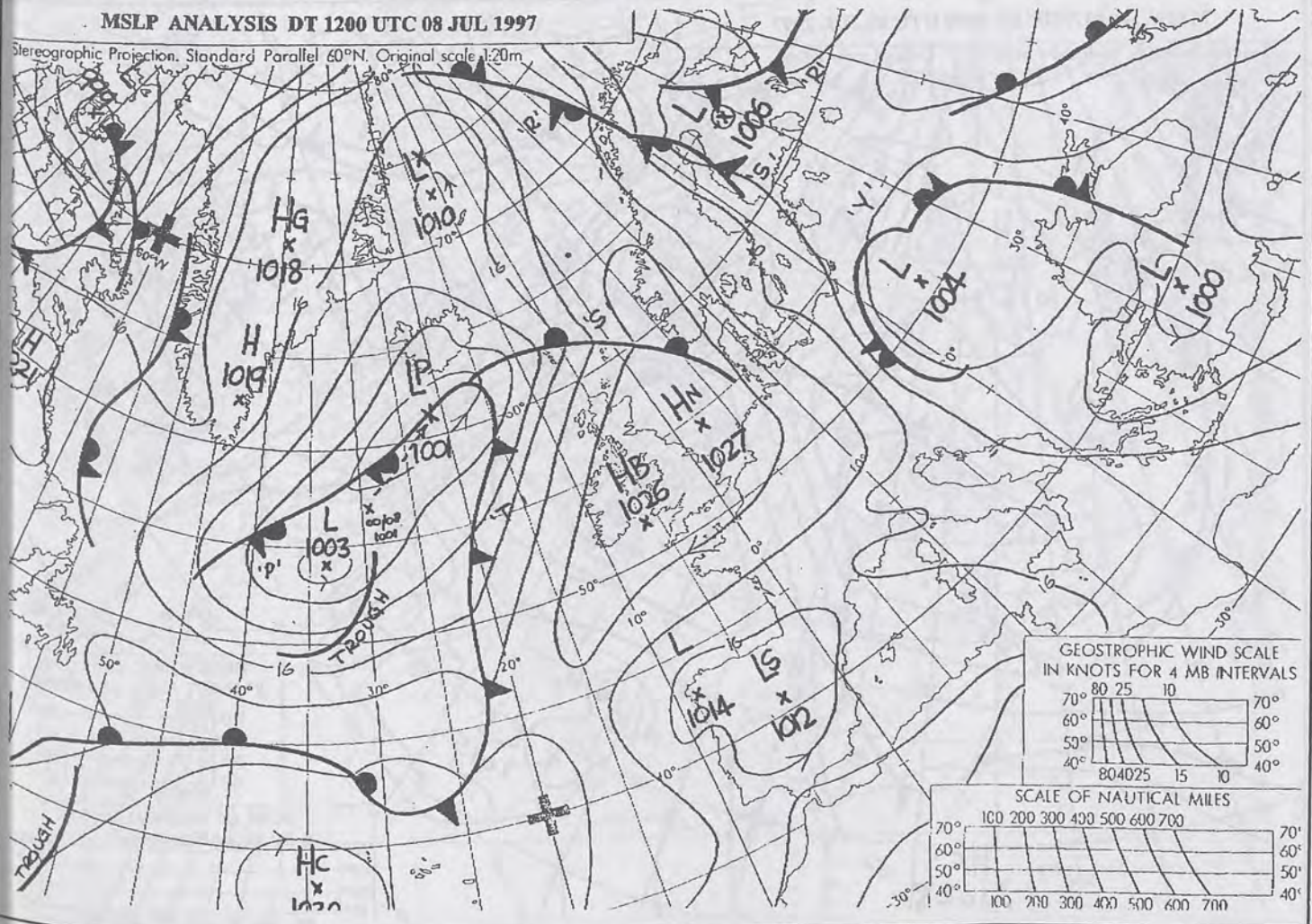
1800 8 JULY 1997  
SURFACE OBSERVATIONS

1800 GMT 8 JUL 1997



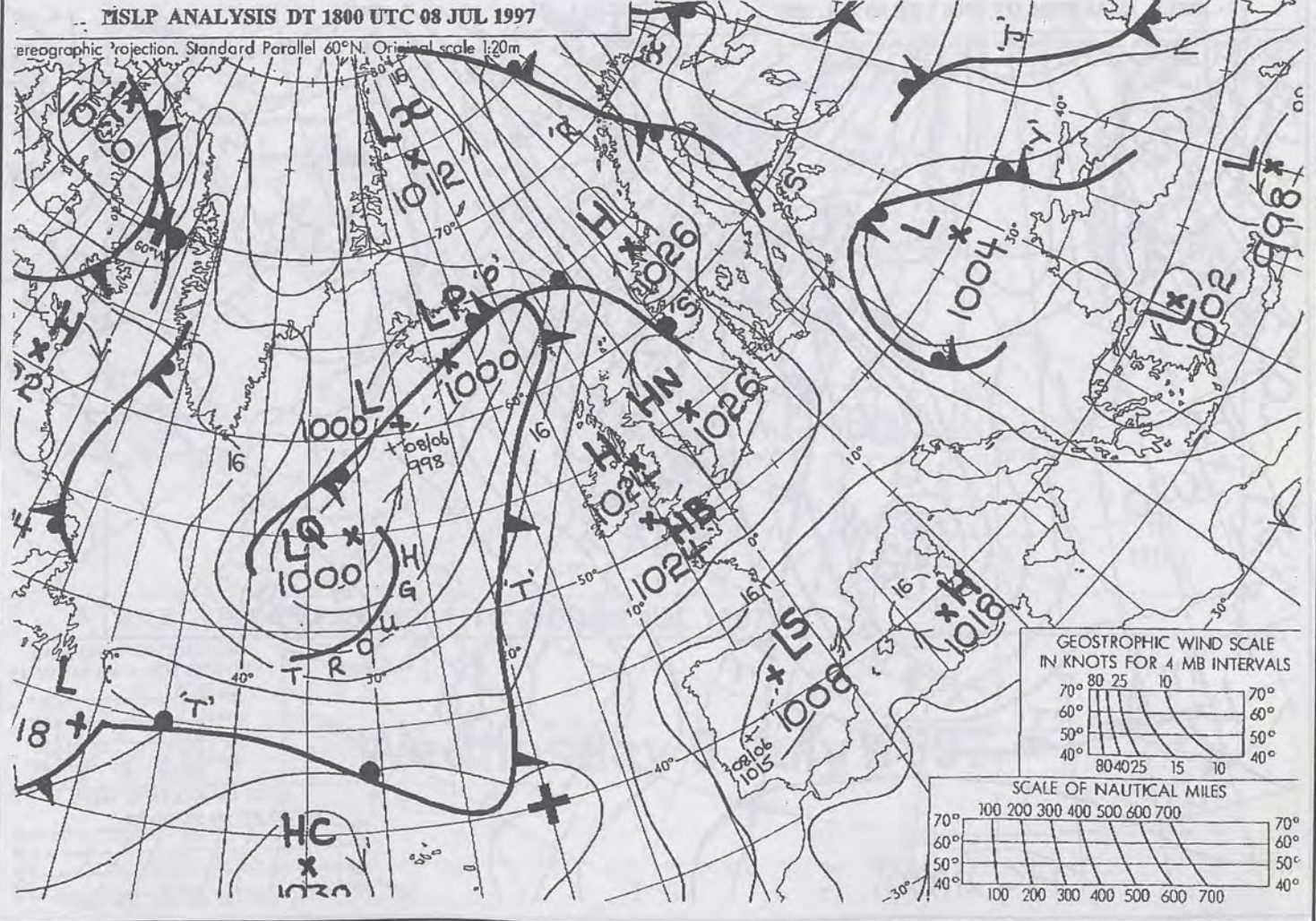
MSLP ANALYSIS DT 1200 UTC 08 JUL 1997

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



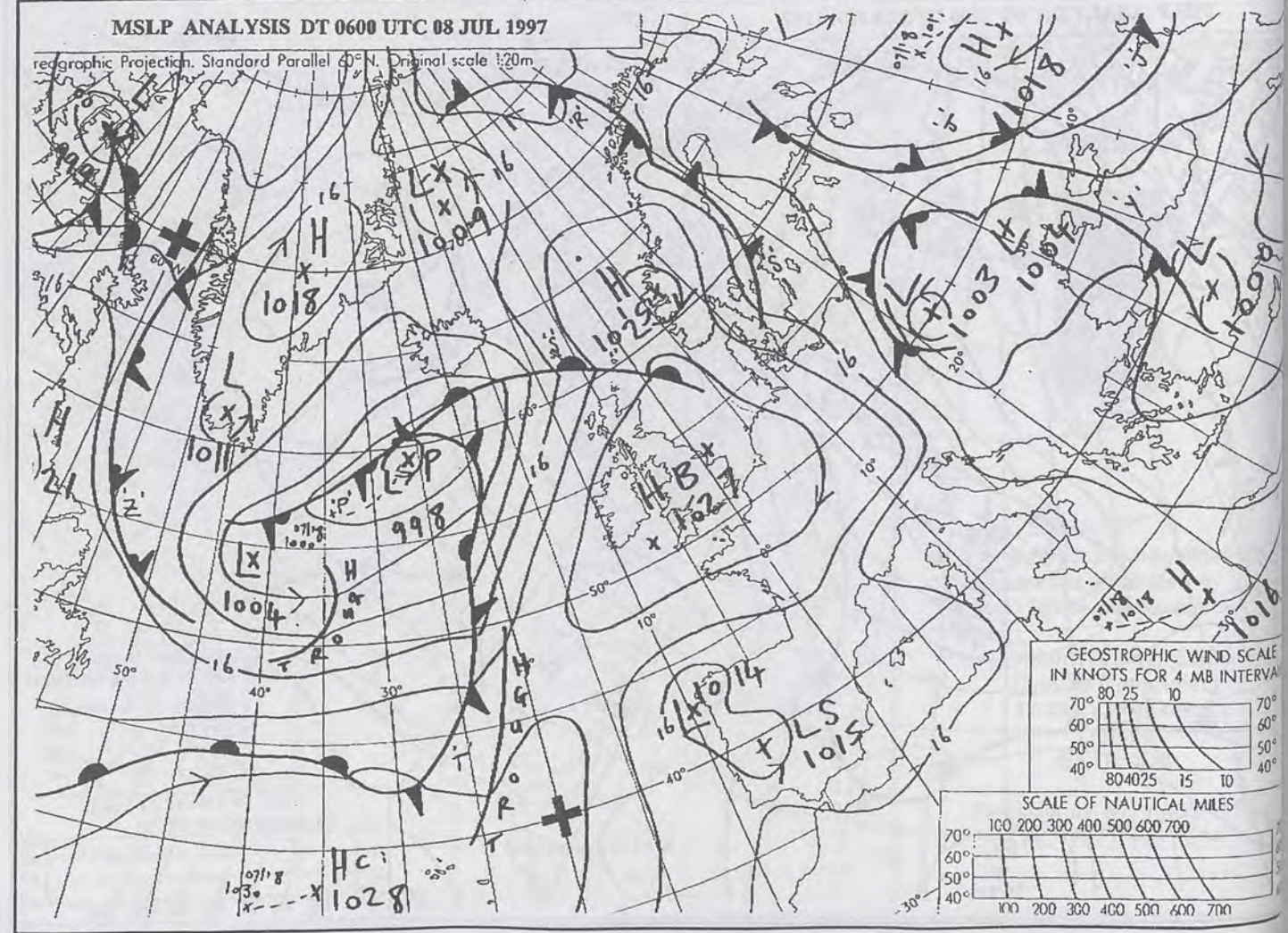
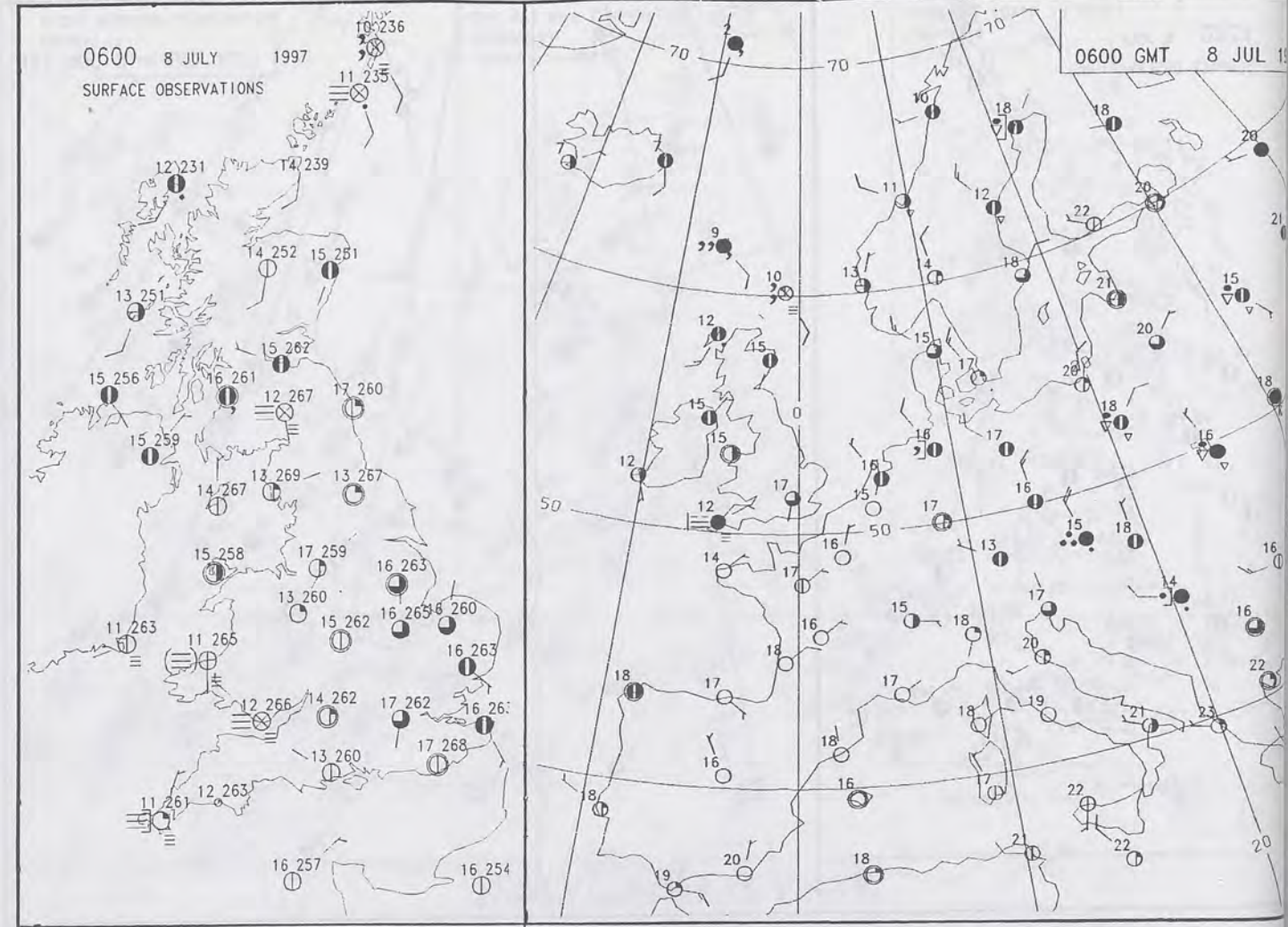
MSLP ANALYSIS DT 1800 UTC 08 JUL 1997

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





DT	12Z	WED	9/ 7/97	VT	12Z	WED	9/ 7/97	GM	AIN	T	+	0	THICKNESS DM.	HEIGHT DM.
500	1000	B	500	1000	B	500	1000	B	500	1000	B	500	1000	B





8 JUL 1997

500-1000MB  
500MB

15

18

21

24

27

30

33

36

39

42

45

48

51

54

57

60

63

66

69

72

75

78

81

84

87

90

93

96

99

102

105

THICKNESS DM.  
HEIGHT DM.

T+0

GRAIN

9/7/97

VT 12Z WED

9/7/97

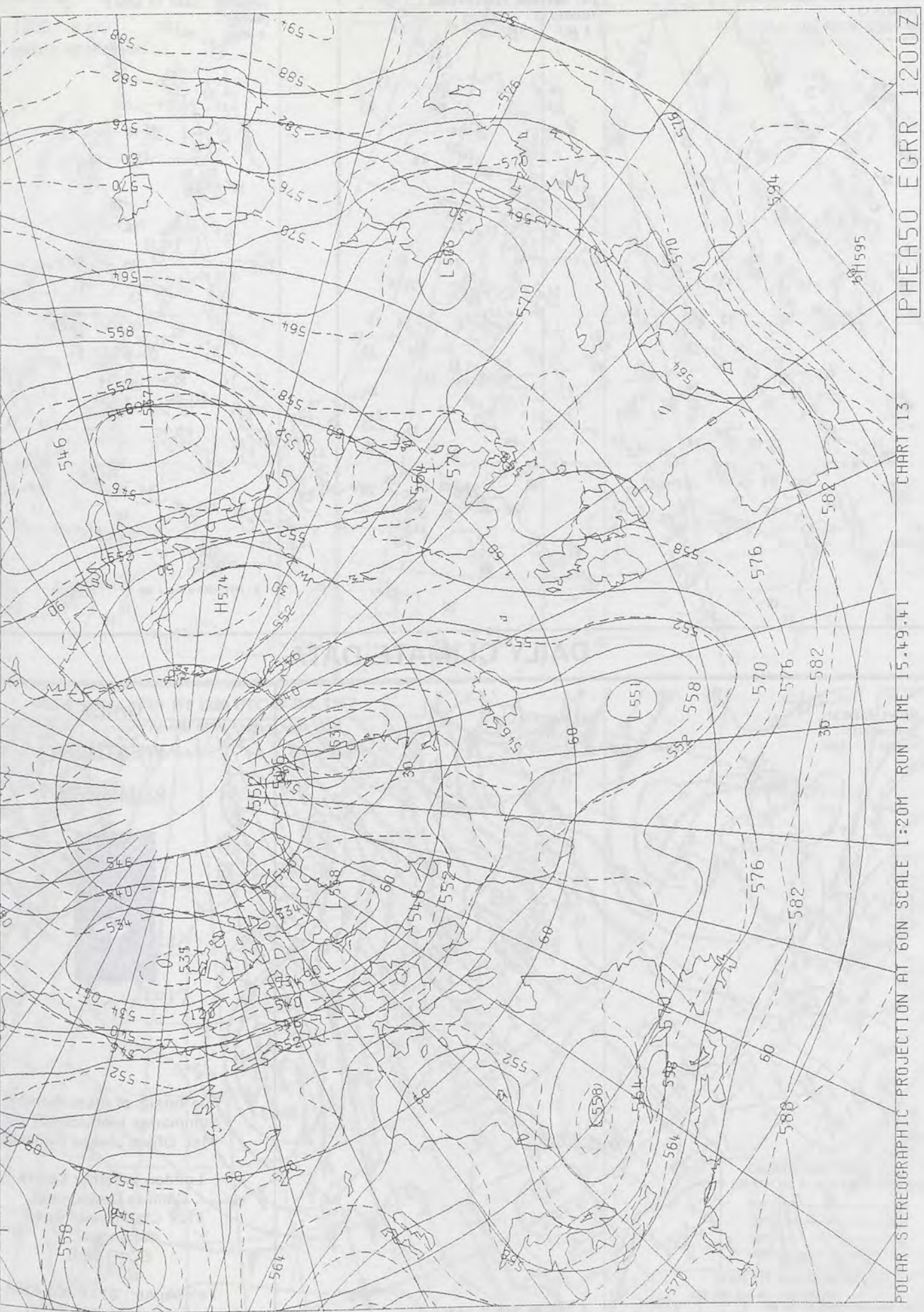
DT 12Z WED

9/7/97

ND SCALE  
MB INTERVAL

70°  
60°  
50°  
40°

TO  
MILES



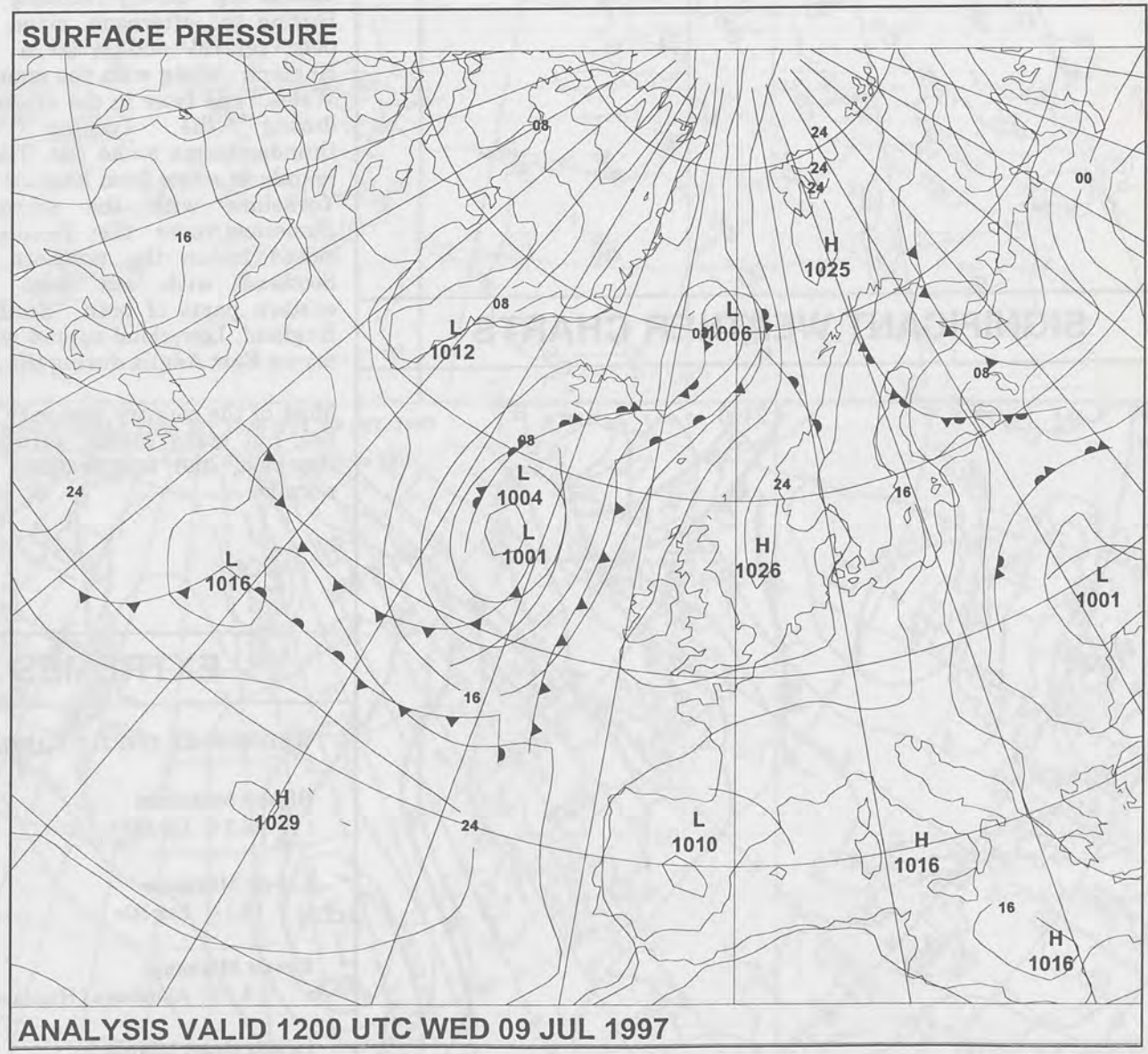
PHEA50 EGRR 1200Z  
CHART 13  
POLAR STEREOGRAPHIC PROJECTION AT 60N SCALE 1:20M RUN TIME 15.49.41



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# The Daily Weather Summary



Wednesday 9 July 1997



0600 9 JULY 1997  
SIGWX



1200 9 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 9 JULY 1997  
SIGWX



2400 9 JULY 1997  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Wednesday 9th July 1997

Most of the country had a dry night with clear periods. There was some patchy rain in parts of southern England at first, and the resulting cloud took much of the night to dissipate. Around some of the coasts, particularly those bordering on the Irish Sea, there were banks of fog, and the odd patch formed inland before dawn.

The morning was sunny in most places, with inland fog clearing, and coastal fog slowly receding offshore. During the afternoon, cloud built up over central and western parts of England, along with the mountains of Wales, and later in the afternoon and during the evening a few thunderstorms broke out. These were mainly in a line from Exmoor to North Yorkshire with the storms most numerous over the Pennines. Fog closed in on the northern isles of Scotland with sea mist affecting eastern parts of both Scotland and England. Low cloud spread westwards across East Anglia during the evening.

Most of the country was very warm or hot, but many coasts, particularly in the east, had temperatures close to normal.

## EXTREMES

WEDNESDAY 9TH JULY 1997

**Highest Maximum**  
: 28.2 C Cardiff

**Lowest Maximum**  
: 14.3 C Fair Isle

**Lowest Minimum**  
: 3.1 C Altnaharra [ Highland ]

**Lowest Grass Minimum**  
: 1.9 C Moel - Y - Crio [ Flintshire ]

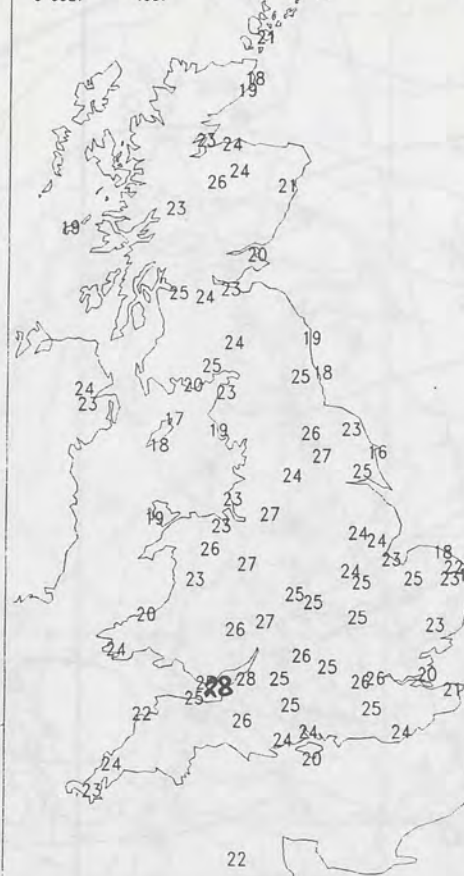
**Most Rain (24 hrs from 0900 GMT)**  
: 24.2 mm Cynwyd [ Denbighshire ]

**Most Sunshine**  
: 15.8 hrs Cape Wrath [ Highland ]  
Wattisham [ Suffolk ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
9 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
9 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
9 JULY 1997



X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
9 JULY 1997



X INDICATES TRACE TO 0.4 MM

DAY RAINFALL  
(MILLIMETRES)  
9 JULY 1997



X INDICATES TRACE TO 0.4 MM

## DAILY WEATHER SUMMARY



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

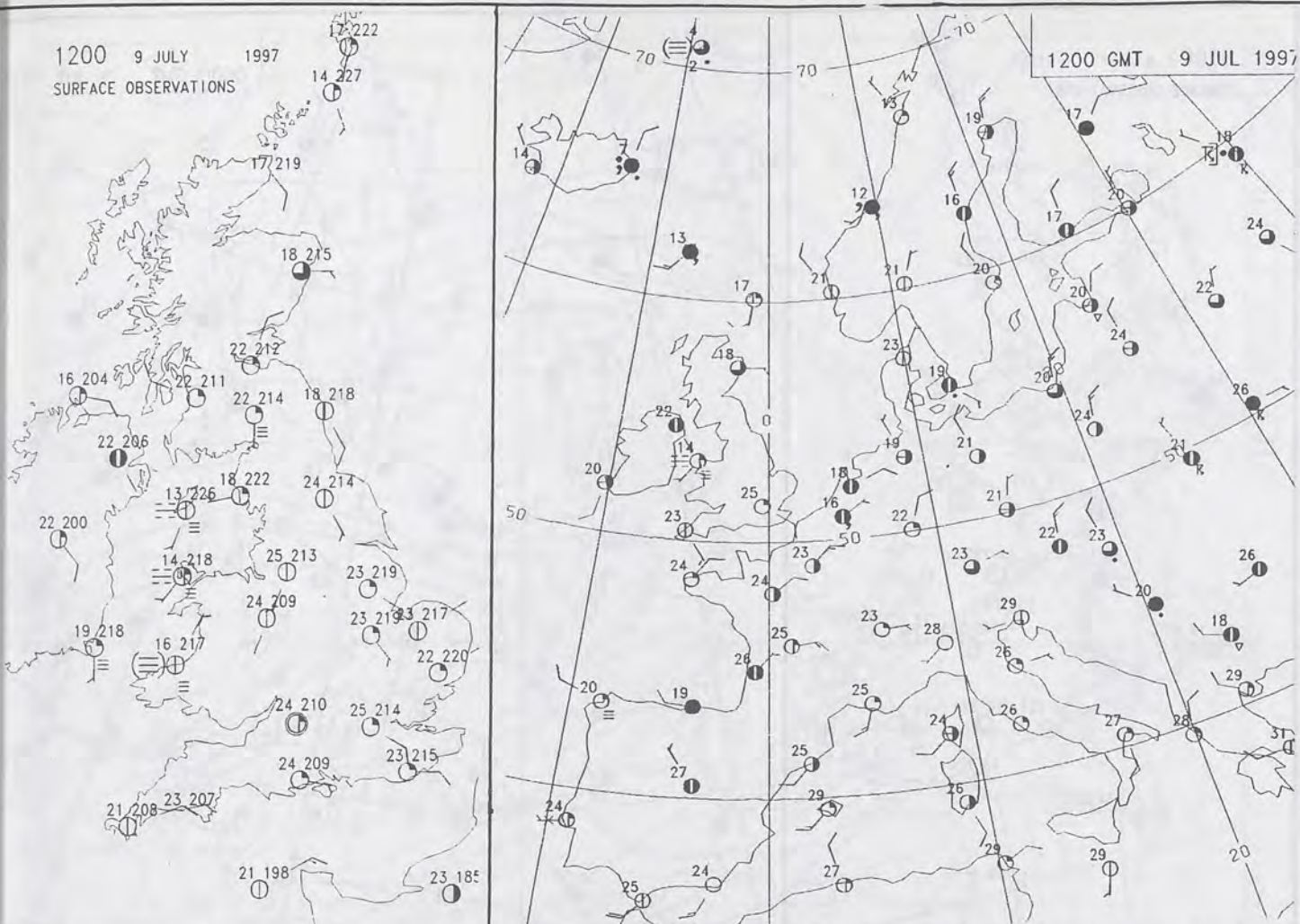
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



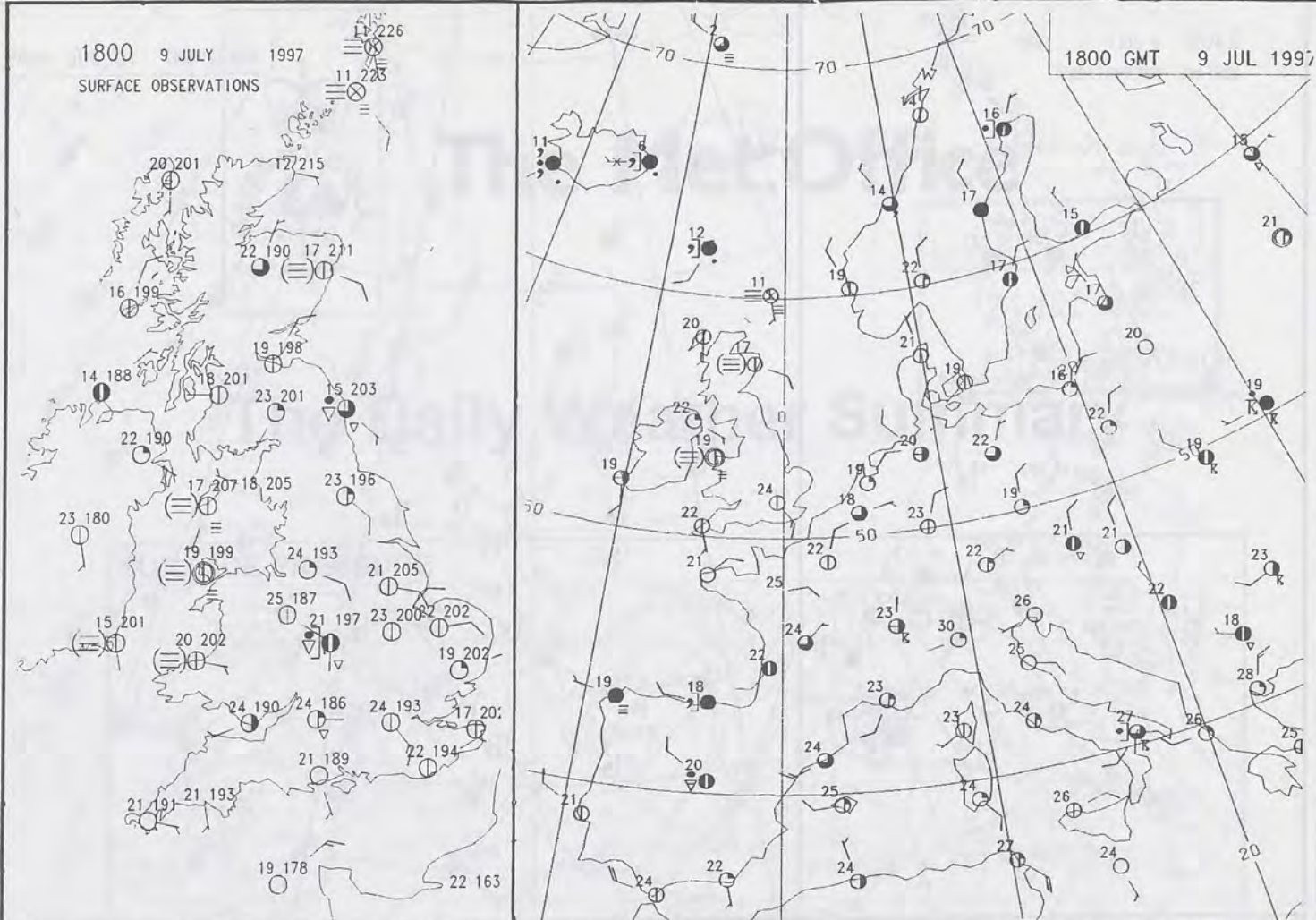
1200 9 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 9 JUL 1997



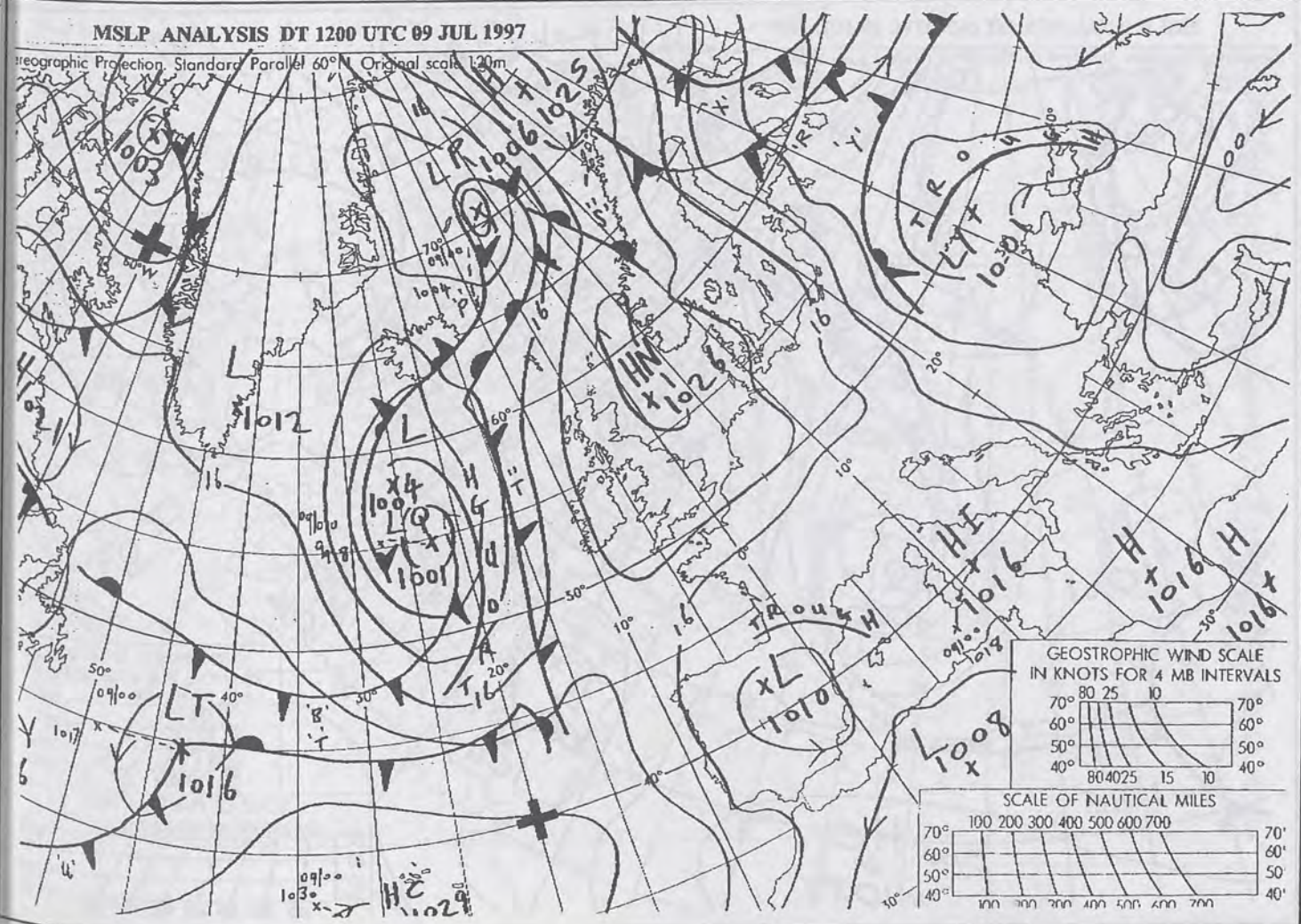
1800 9 JULY 1997  
SURFACE OBSERVATIONS

1800 GMT 9 JUL 1997



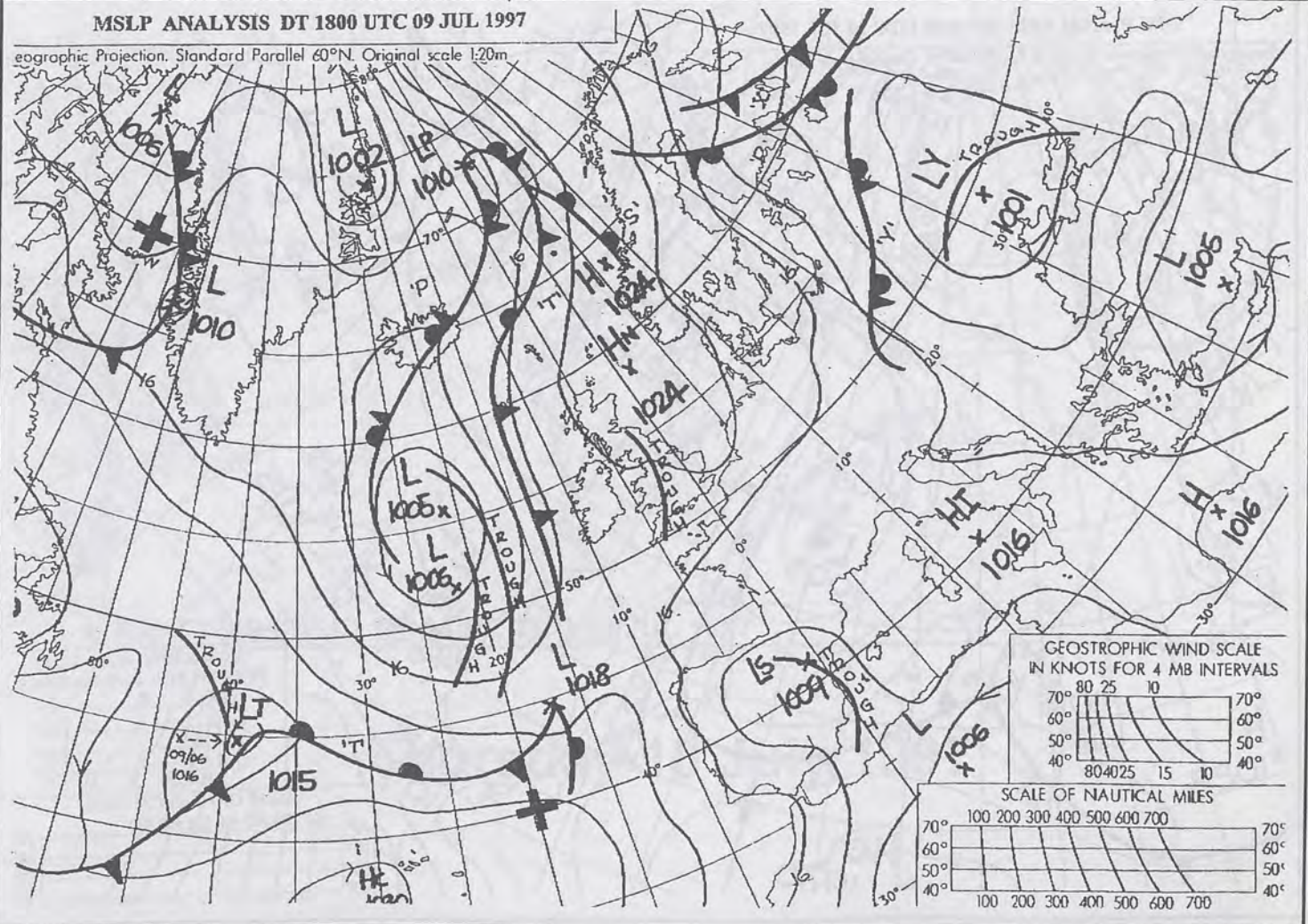
MSLP ANALYSIS DT 1200 UTC 09 JUL 1997

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



MSLP ANALYSIS DT 1800 UTC 09 JUL 1997

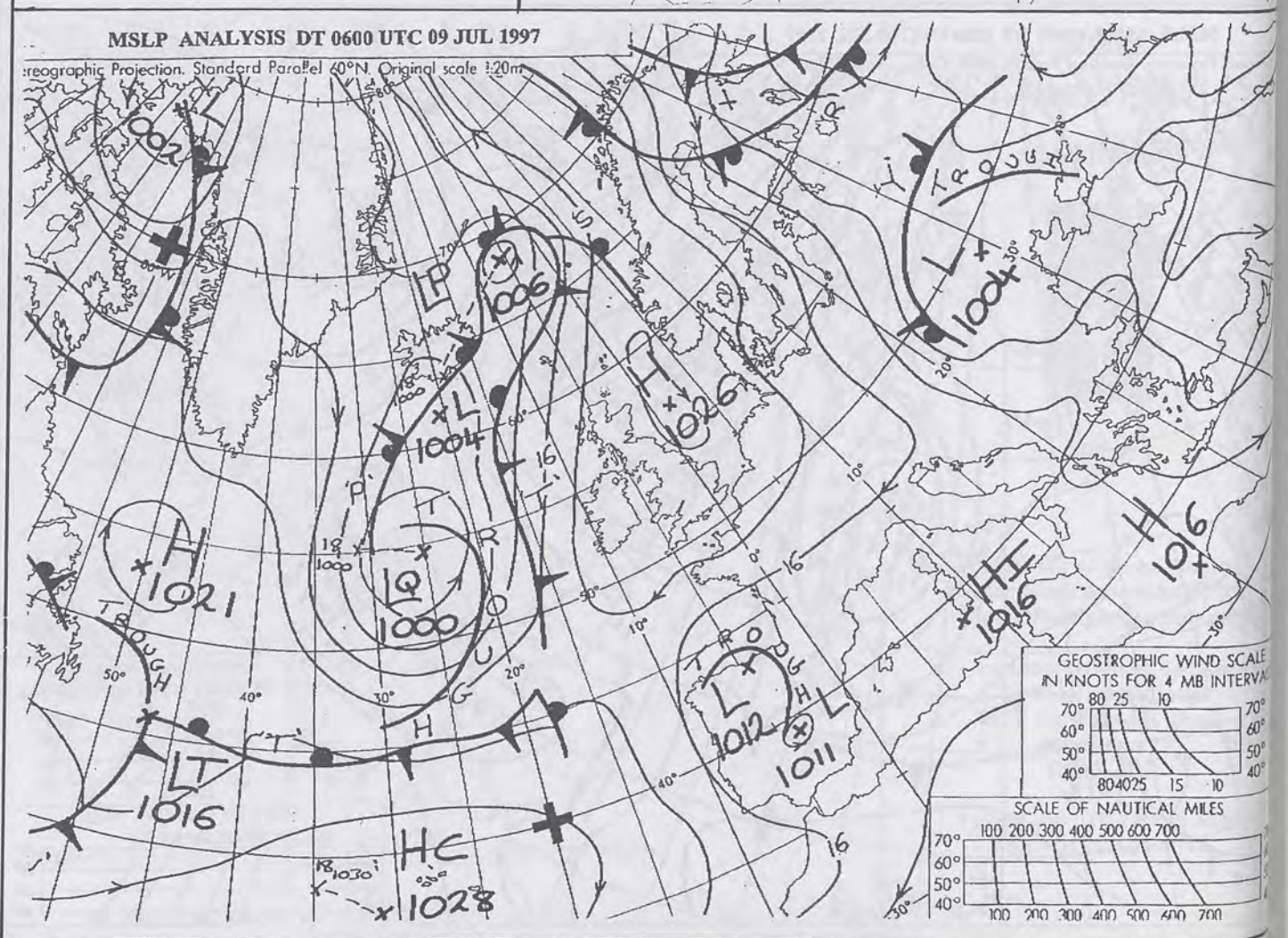
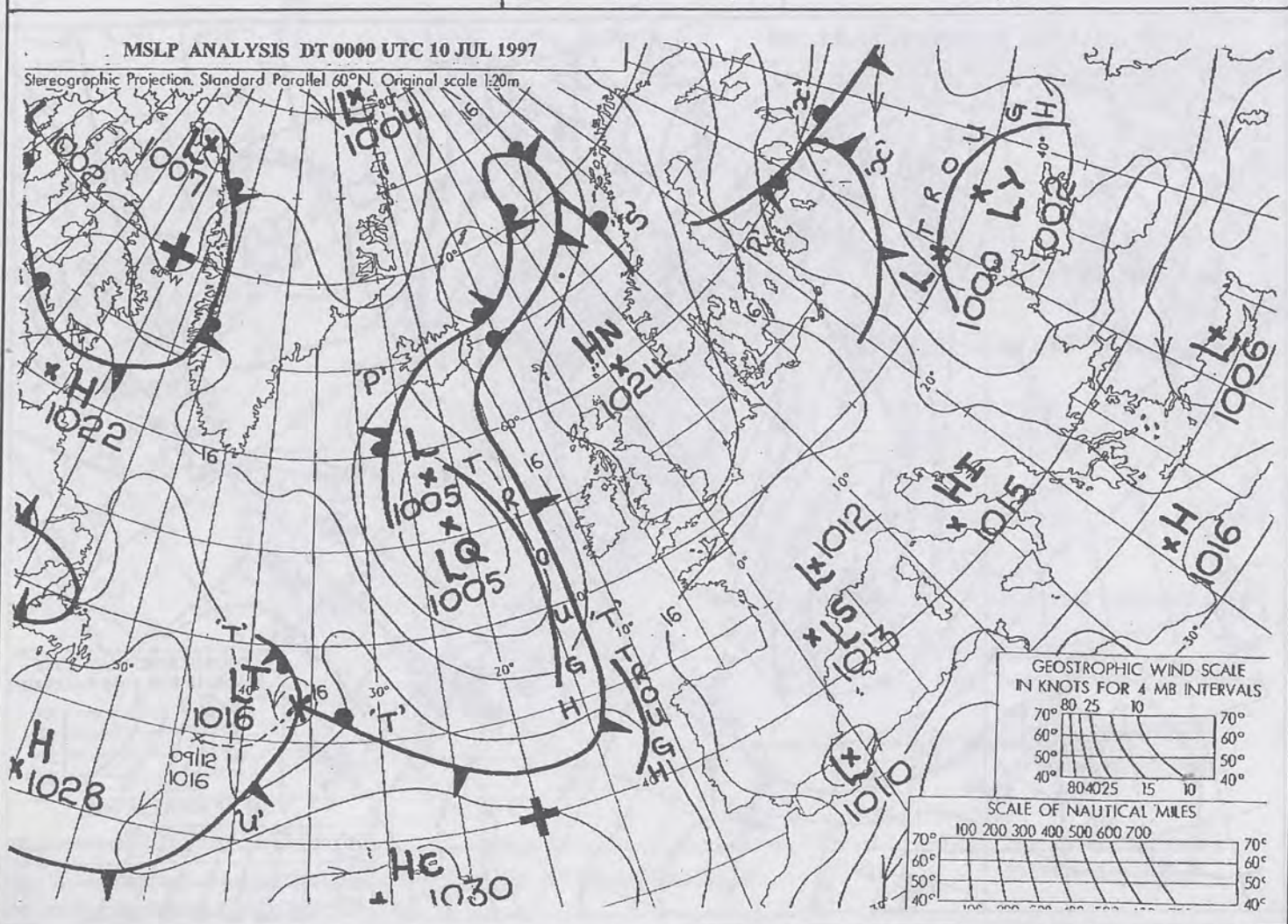
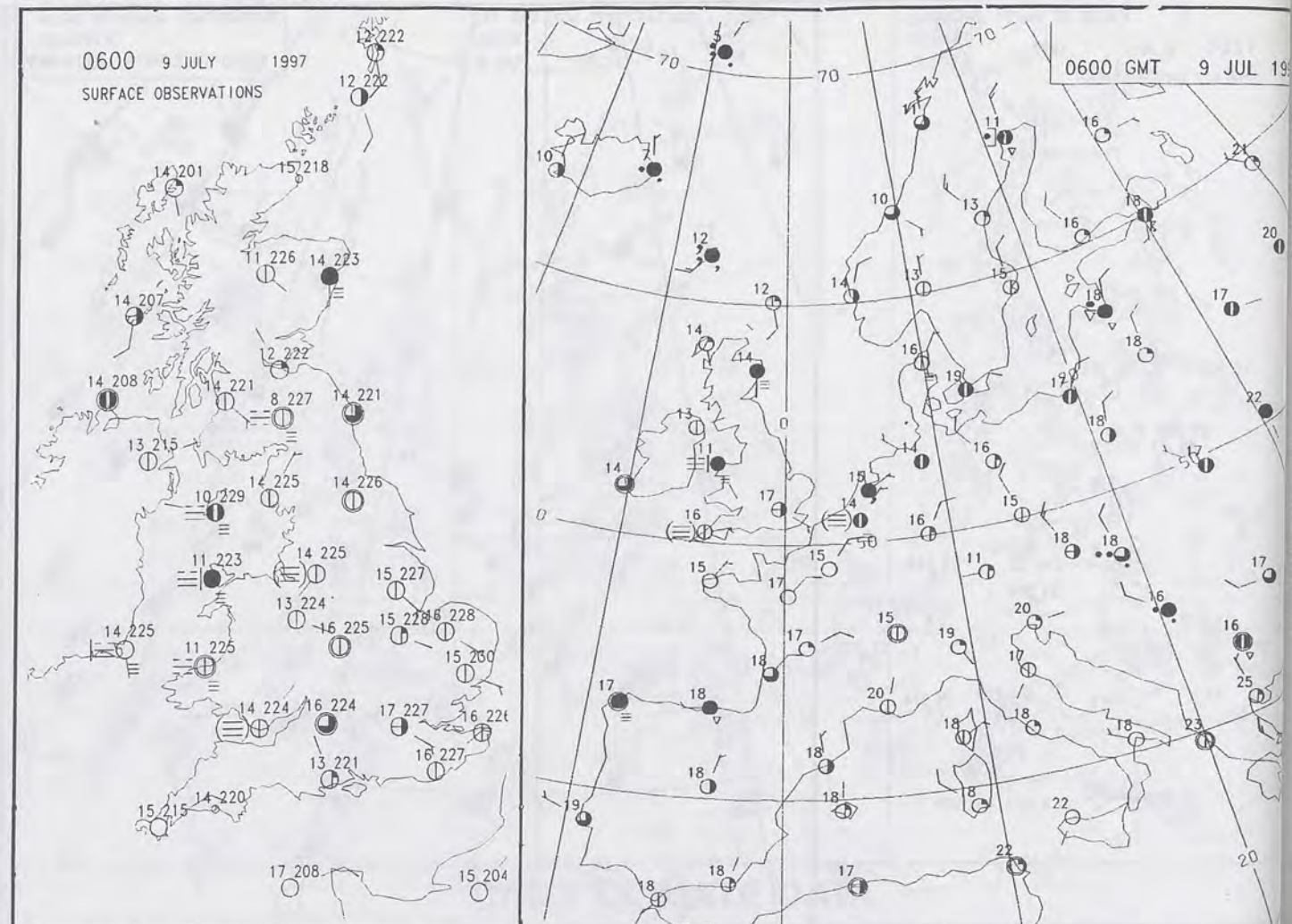
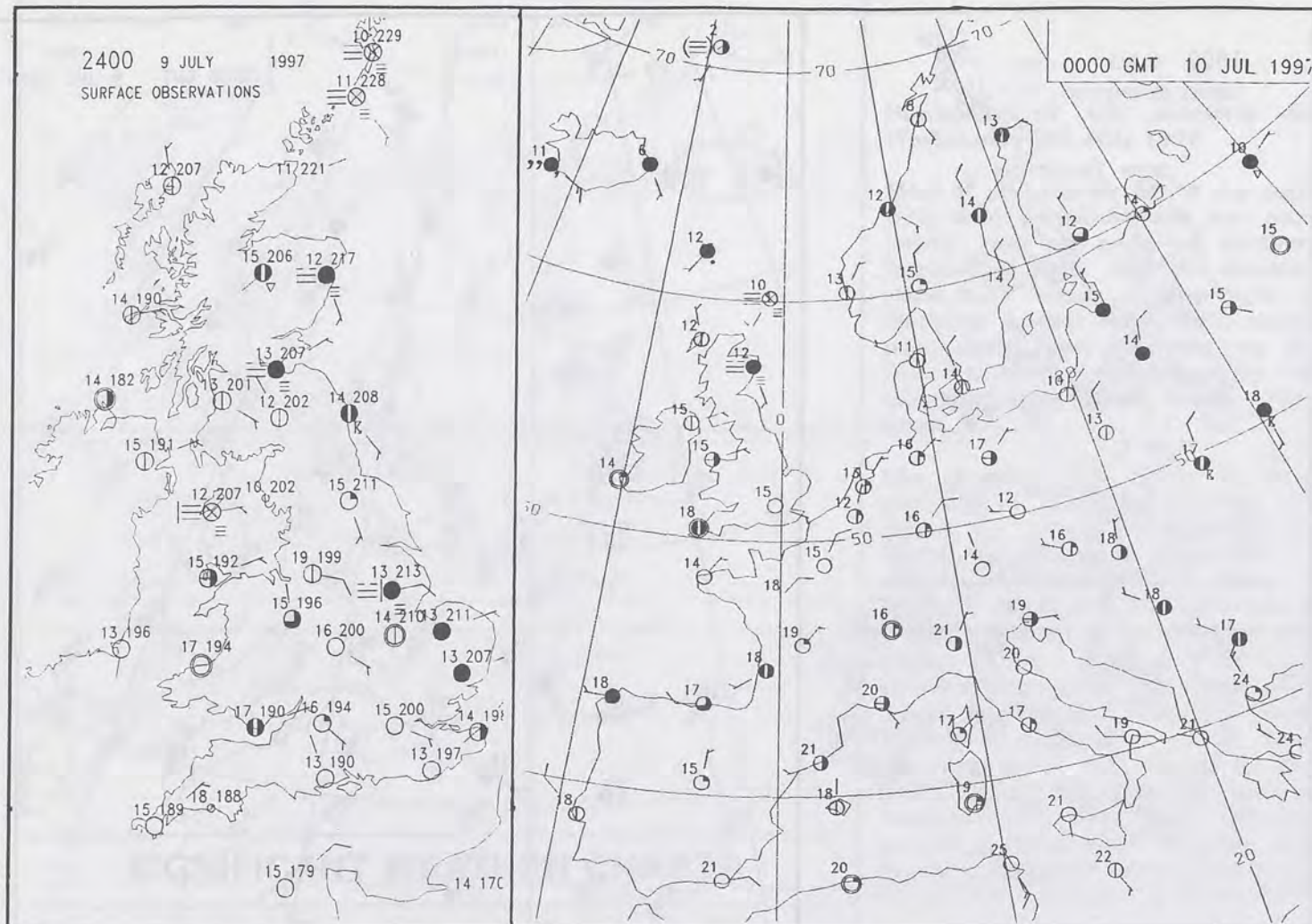
Geographic Projection, Standard Parallel 60°N, Original scale 1:20m





NOT FOR LOAN

DUPLICATE ALSO



DT 12Z THUR 10/ 7/97 VT 12Z THUR 10/ 7/97 GMAIN T + 0 THICKNESS DM. 500-1000MB HEIGHT DM.



JUL 19

500-1000MB  
500MB

THICKNESS DM.  
HEIGHT DM.

T+0

GMATN

THUR 10/7/97

THUR 10/7/97

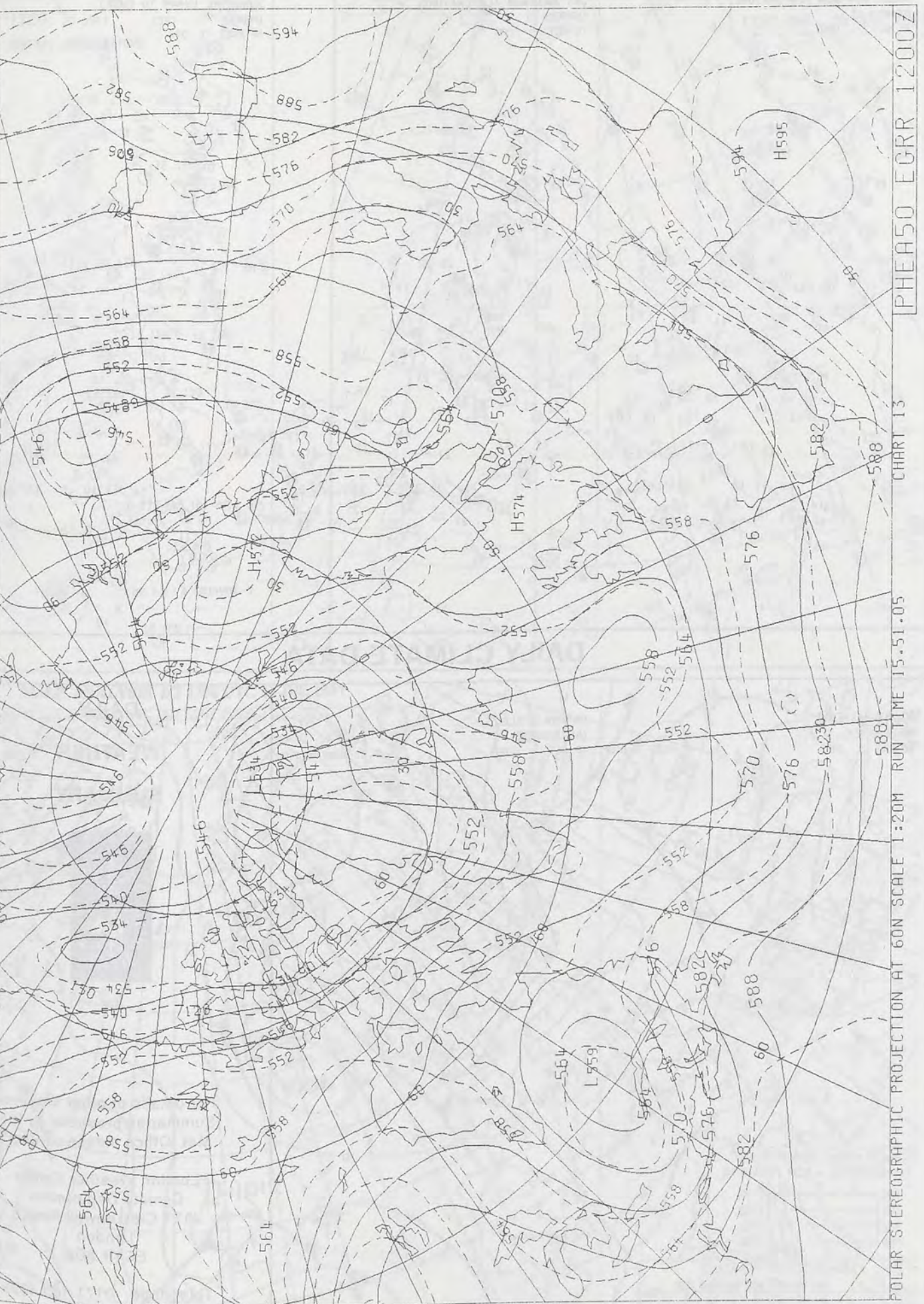
THUR 10/7/97

THUR 10/7/97

THUR 10/7/97

THUR 10/7/97

THUR 10/7/97



PHEA50 EGRR 1200Z

CHART 13

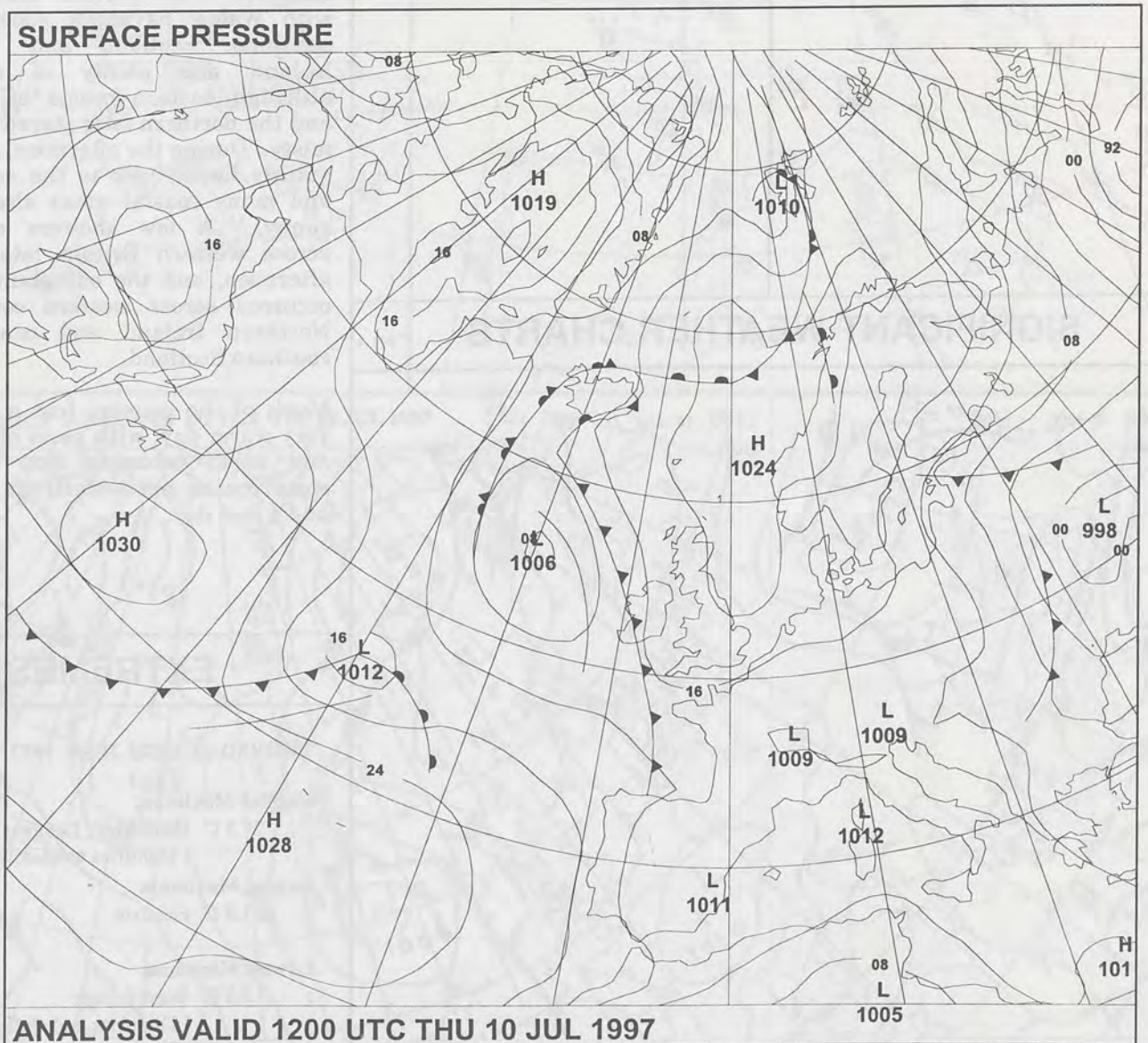
POLAR STEREOGRAPHIC PROJECTION AT 60N SCALE 1:20M RUN TIME 15.51.05



# The Met. Office

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METEOROLOGICAL  
24 JUL 1997  
LIBRARY

## The Daily Weather Summary



### Thursday 10 July 1997



SORRY THIS CHART

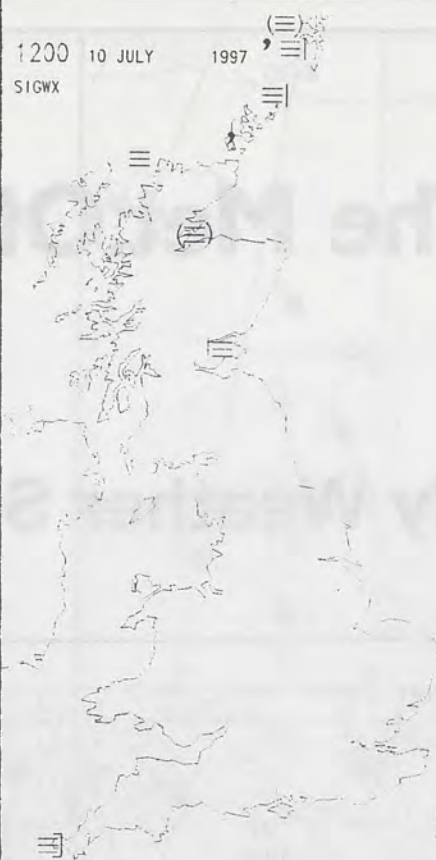
NOT AVAILABLE

DUE TO TECHNICAL

PROBLEMS BEYOND

OUR CONTROL

1200 10 JULY 1997  
SIGWX



### Summary of UK weather for Thursday 10th July 1997

The night started clear in many parts, but eastern coastal counties of both England and Scotland had low cloud, and in the north and northeast, sea fog. The low cloud spread west across much of England, and parts of Scotland, overnight, although higher hills prevented the cloud reaching some western areas. There was a little drizzle in places.

During the morning, cloud became thinner and more broken over England, with western areas, along with Wales, having a good deal of sunshine. Scotland and Northern Ireland had plenty of sunshine, although eastern coasts of Scotland and the northern isles stayed grey and misty. During the afternoon, low cloud quickly burnt back to the east coast, and many coastal areas also became sunny. A few showers developed across western Britain later in the afternoon, and the odd thunderstorm occurred across western counties of Northern Ireland and central and southern Scotland.

Much of the country had a warm or very warm day, with parts of the west and north becoming hot. However, some coasts, particularly in the east, had a cool day.

## SIGNIFICANT WEATHER CHARTS

1800 10 JULY 1997  
SIGWX



2400 10 JULY 1997  
SIGWX



## EXTREMES

### THURSDAY 10TH JULY 1997

**Highest Maximum**  
: 27.5 C Drumfries / Drugans  
[ Dumfries and Galloway ]

**Lowest Maximum**  
: 11.8 C Fair Isle

**Lowest Minimum**  
: 5.3 C West Freugh  
[ Dumfries and Galloway ]

**Lowest Grass Minimum**  
: 2.3 C West Freugh

**Most Rain (24 hrs from 0900 GMT)**  
: 48.4 mm Corgary [ Co.Fermanagh ]

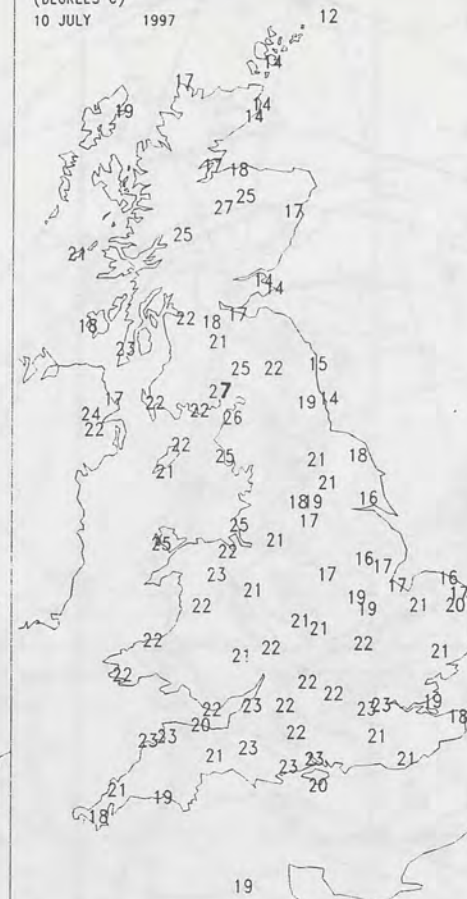
**Most Sunshine**  
: 15.1 hrs Stornoway [ Outer Hebrides ]

Published by London Weather Centre. All times are GMT.

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
10 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
10 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
10 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
10 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
10 JULY 1997



## DAILY WEATHER SUMMARY



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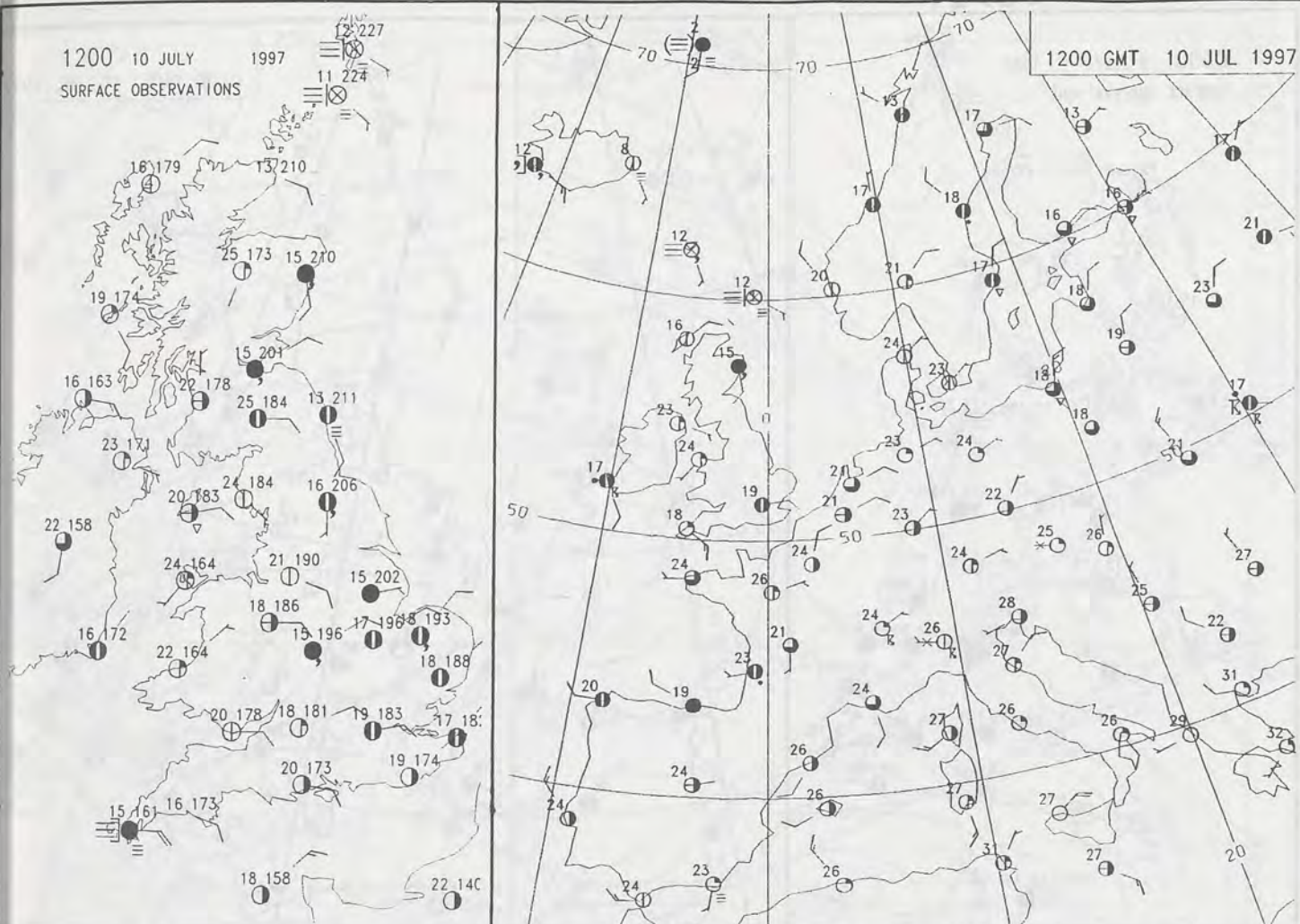
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



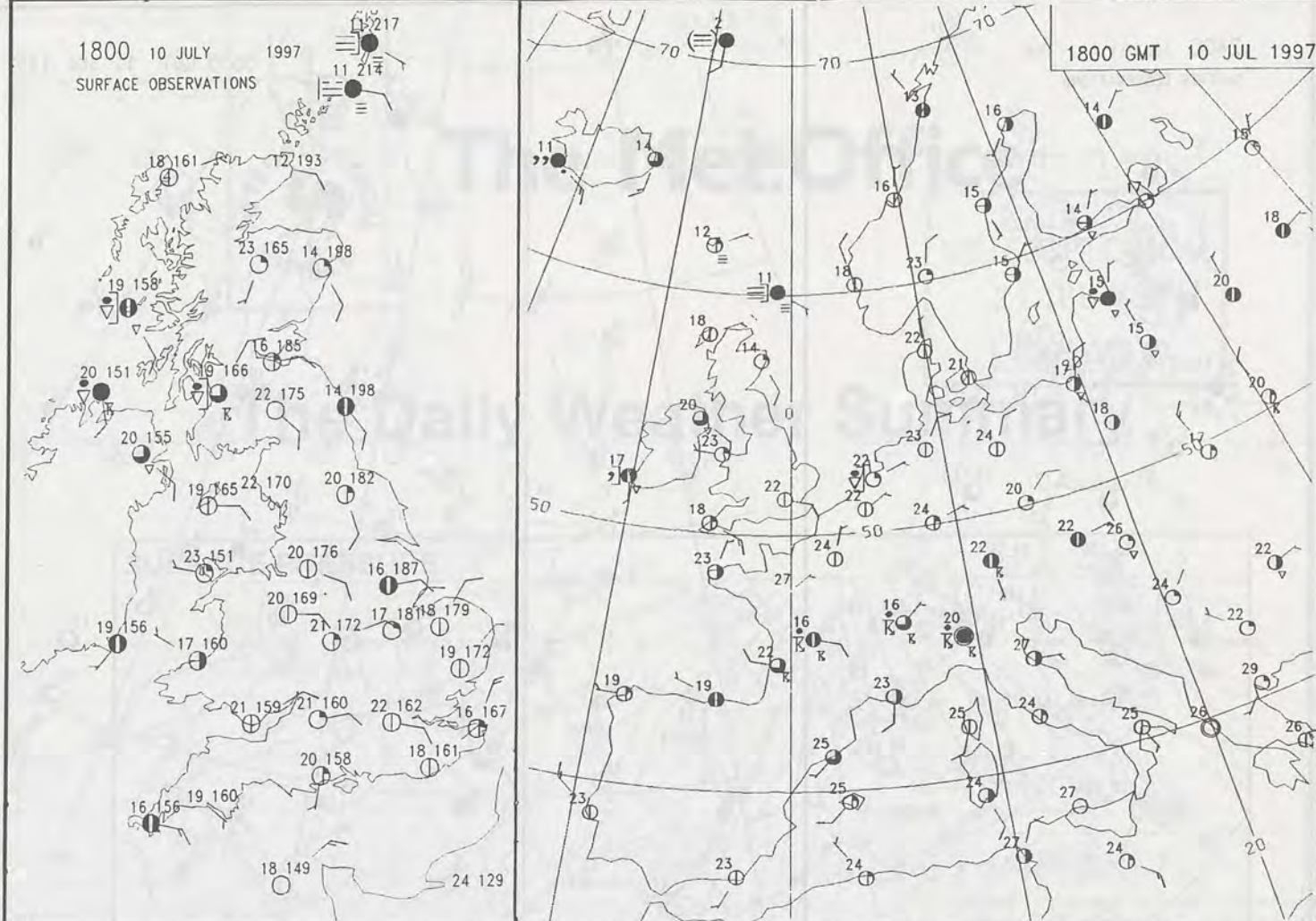
1200 10 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 10 JUL 1997



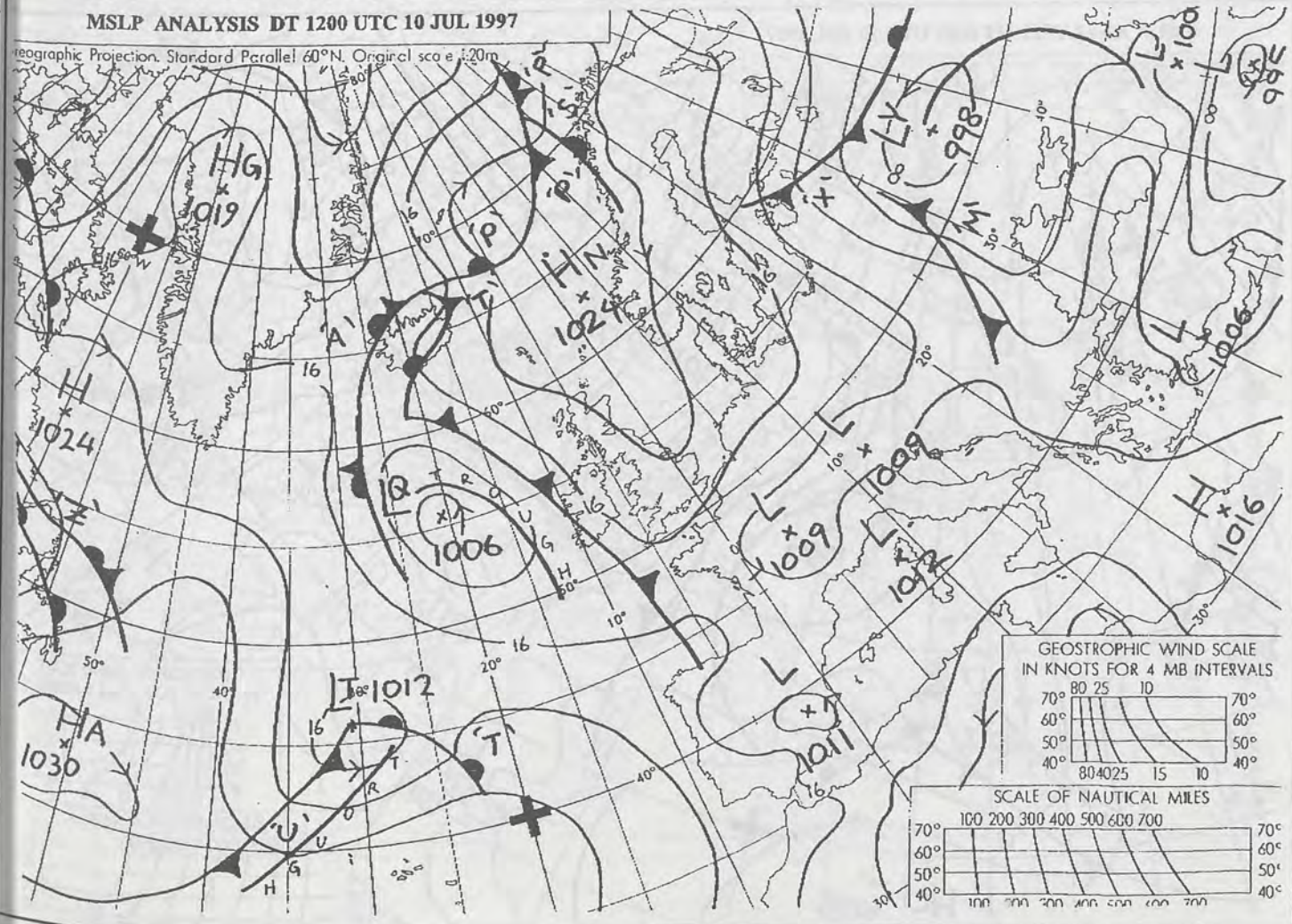
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SURFACE OBSERVATIONS

1800 GMT 10 JUL 1997



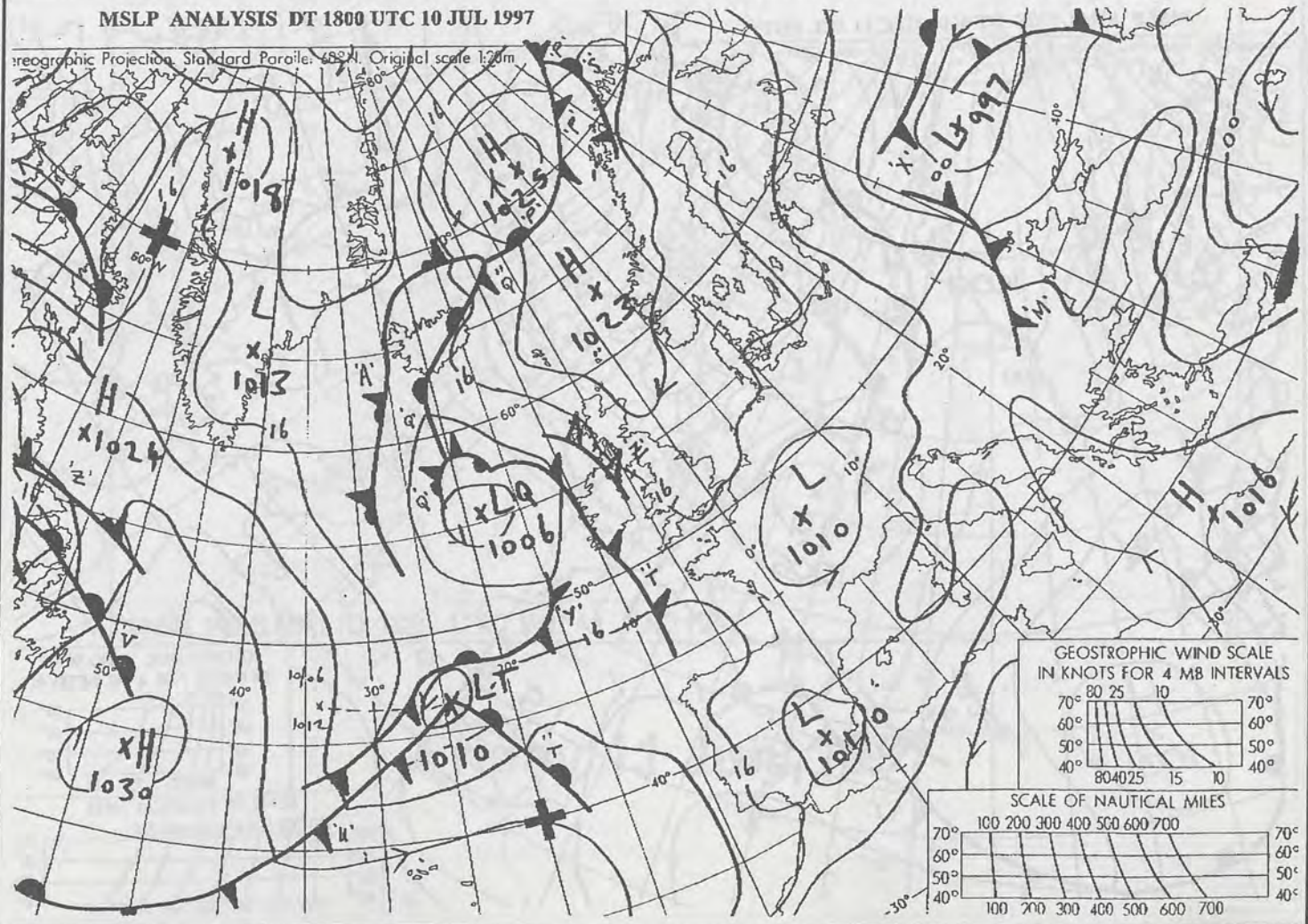
MSLP ANALYSIS DT 1200 UTC 10 JUL 1997

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

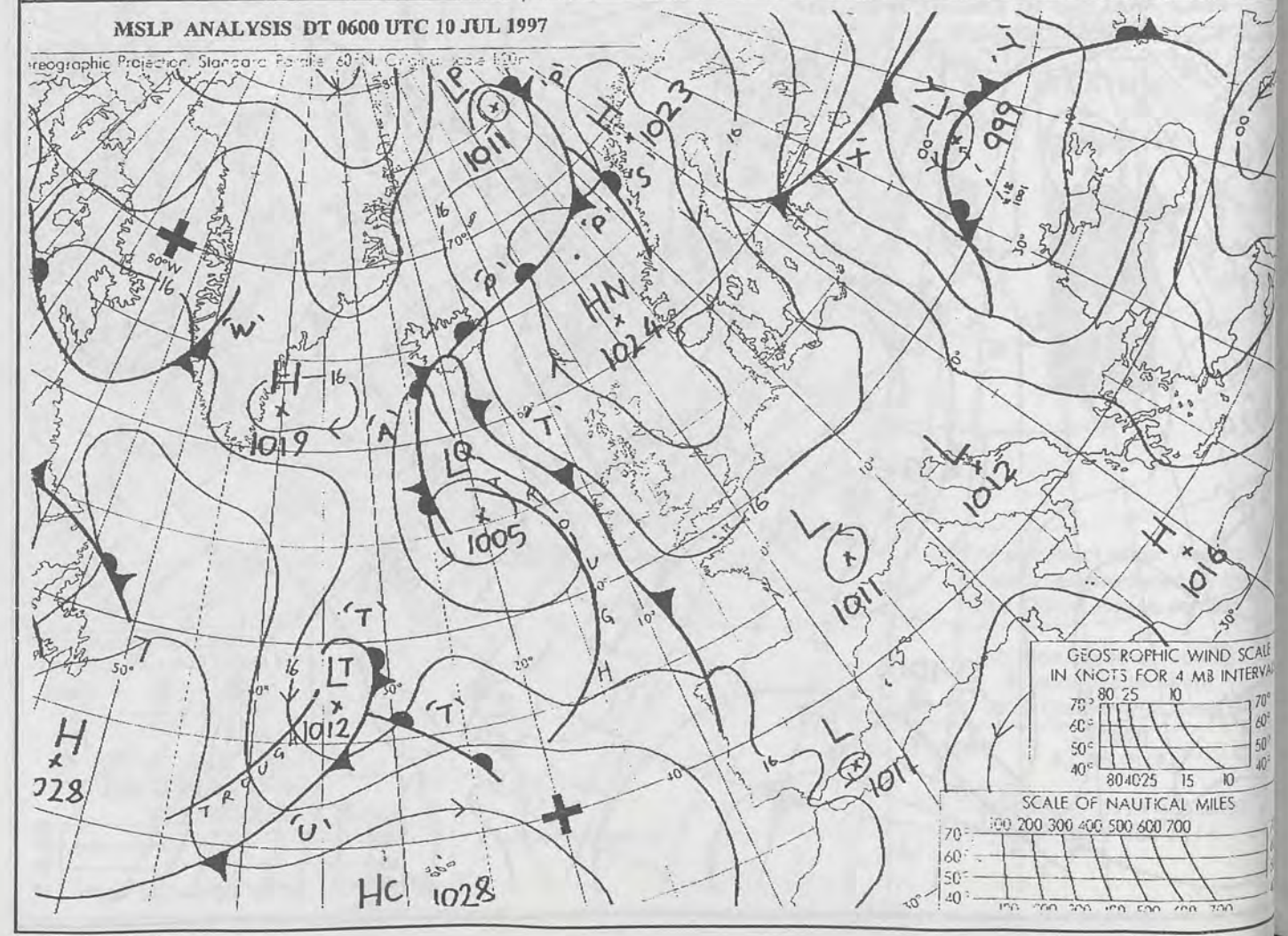
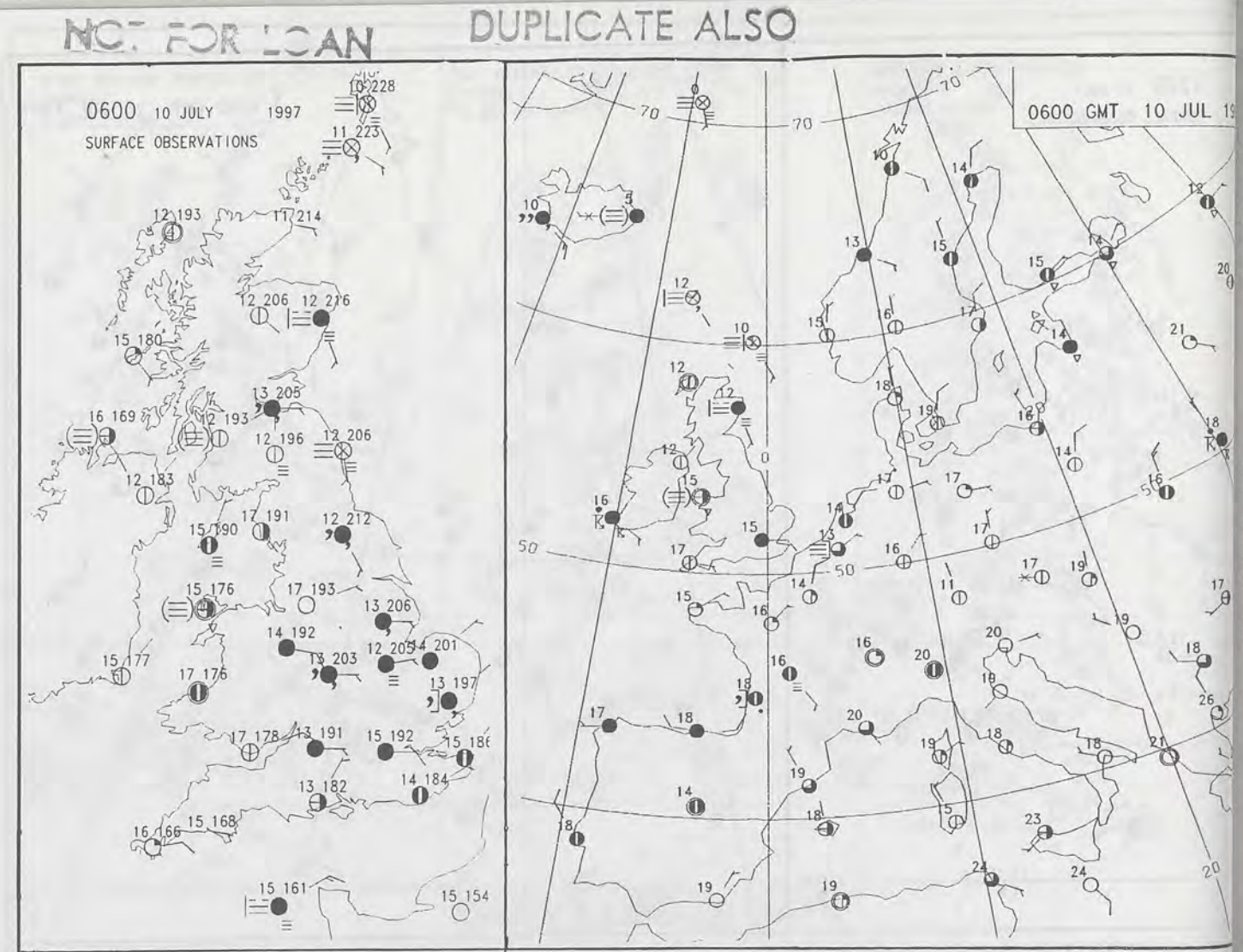
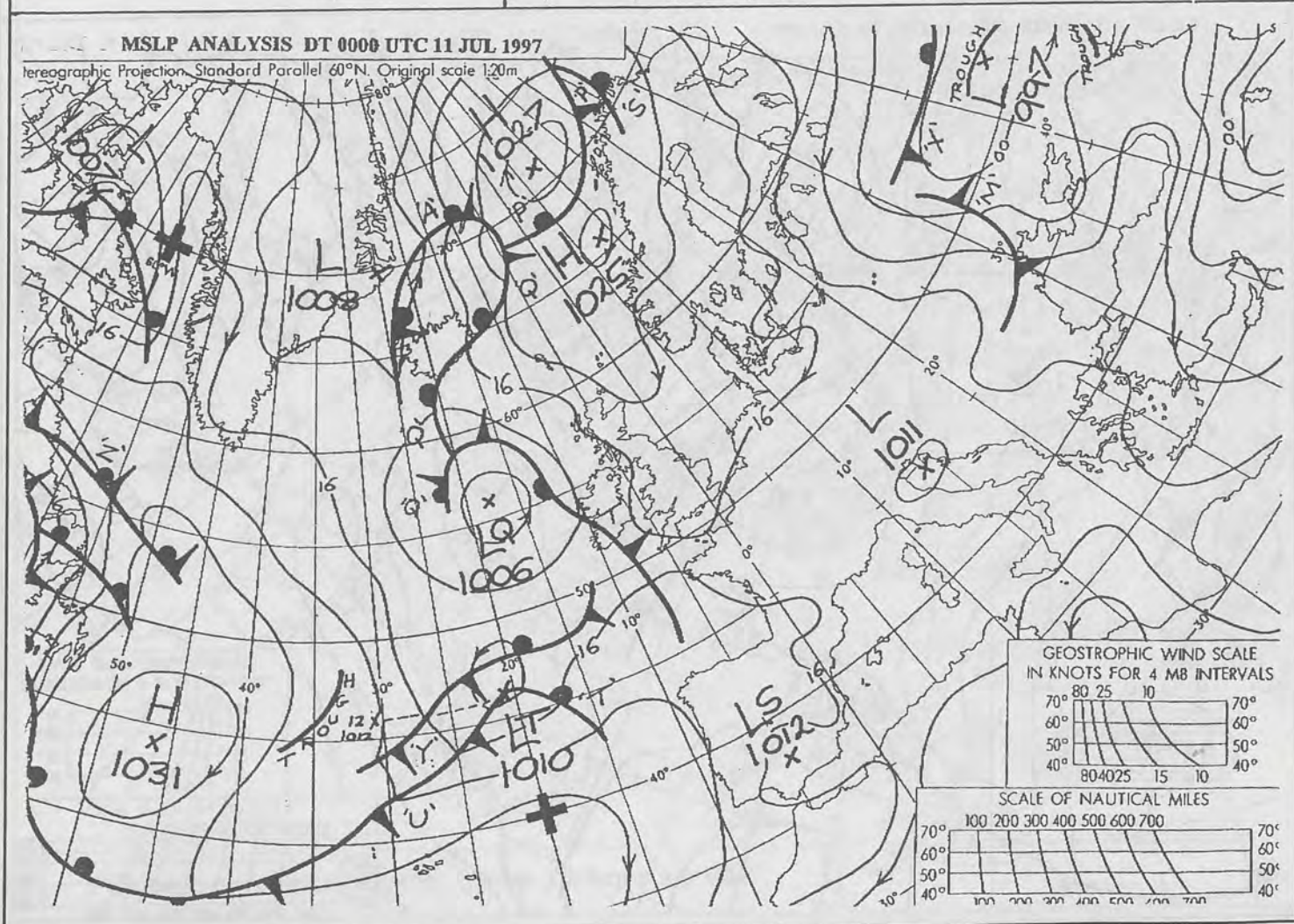
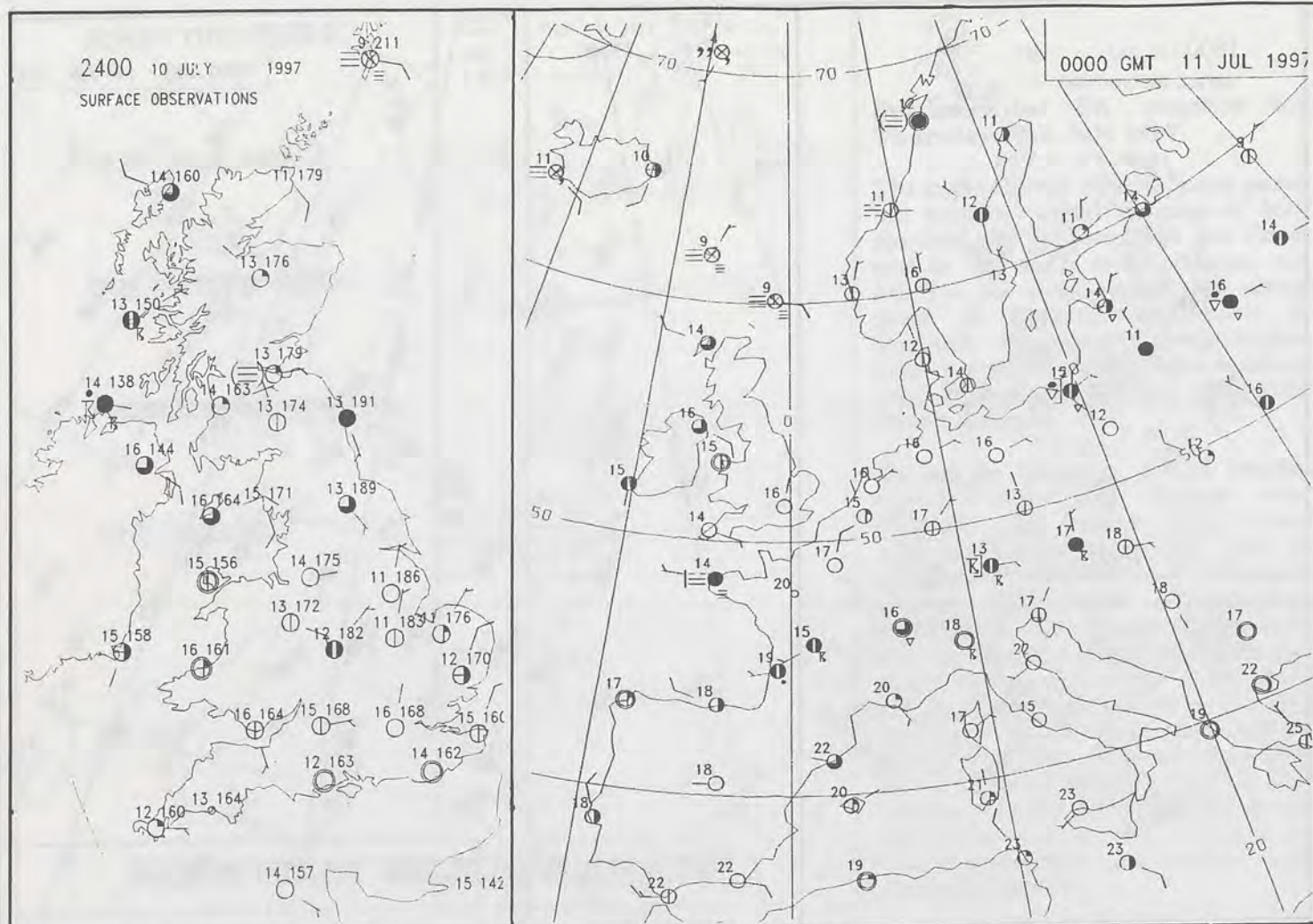


MSLP ANALYSIS DT 1800 UTC 10 JUL 1997

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







500-1000MB  
THICKNESS DM.  
HEIGHT DM.  
T+0  
GMATN T+0  
11/ 7/97 VI 122 FRI



JUL 19

500-1000MB  
500MB

THICKNESS DM.  
HEIGHT DM.

T+ 0

GMATN

DT 12Z FRI 11/ 7/97

VF 12Z FRI 11/ 7/97

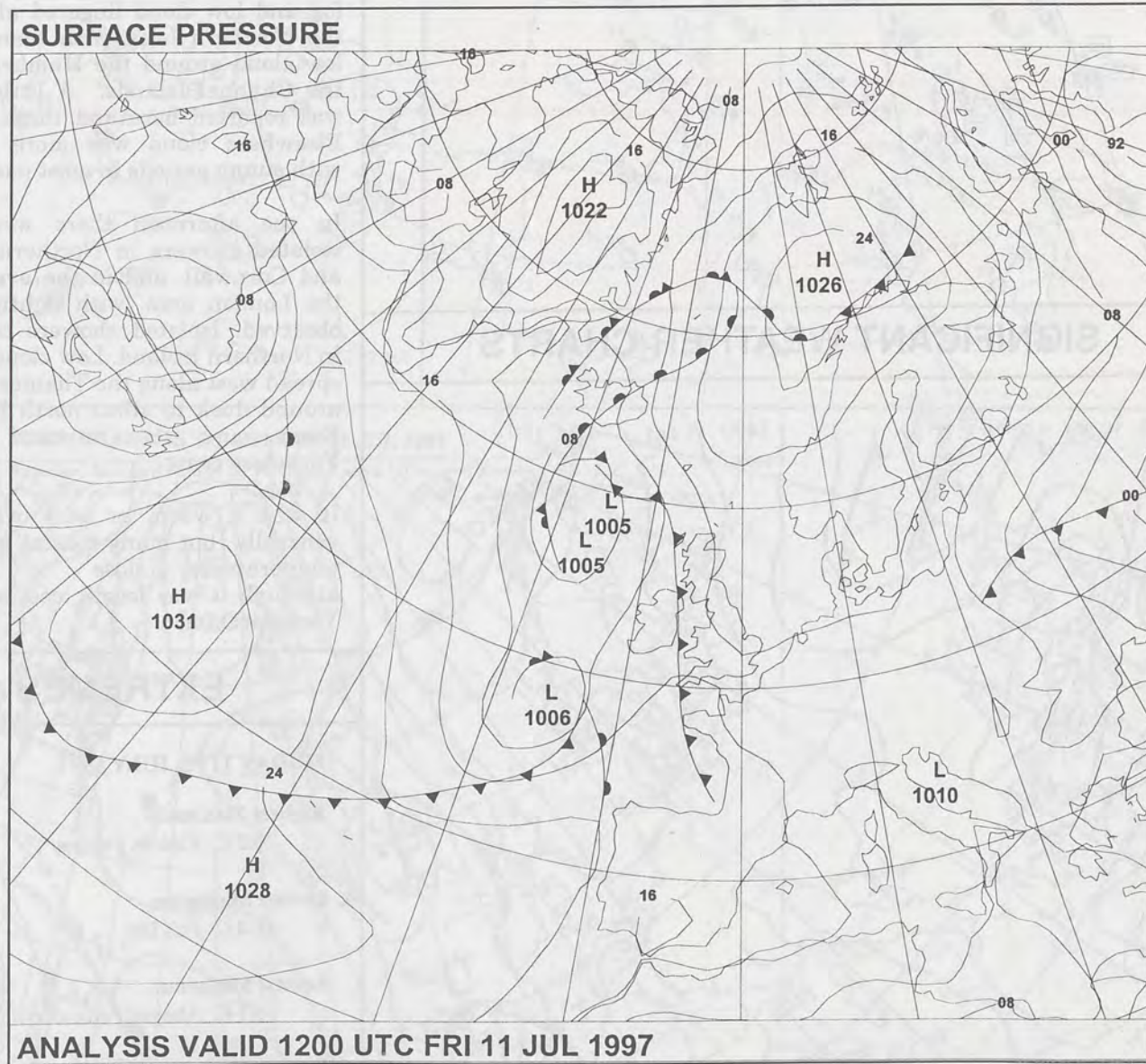
SCALE  
INTERVAL



The Met. Office

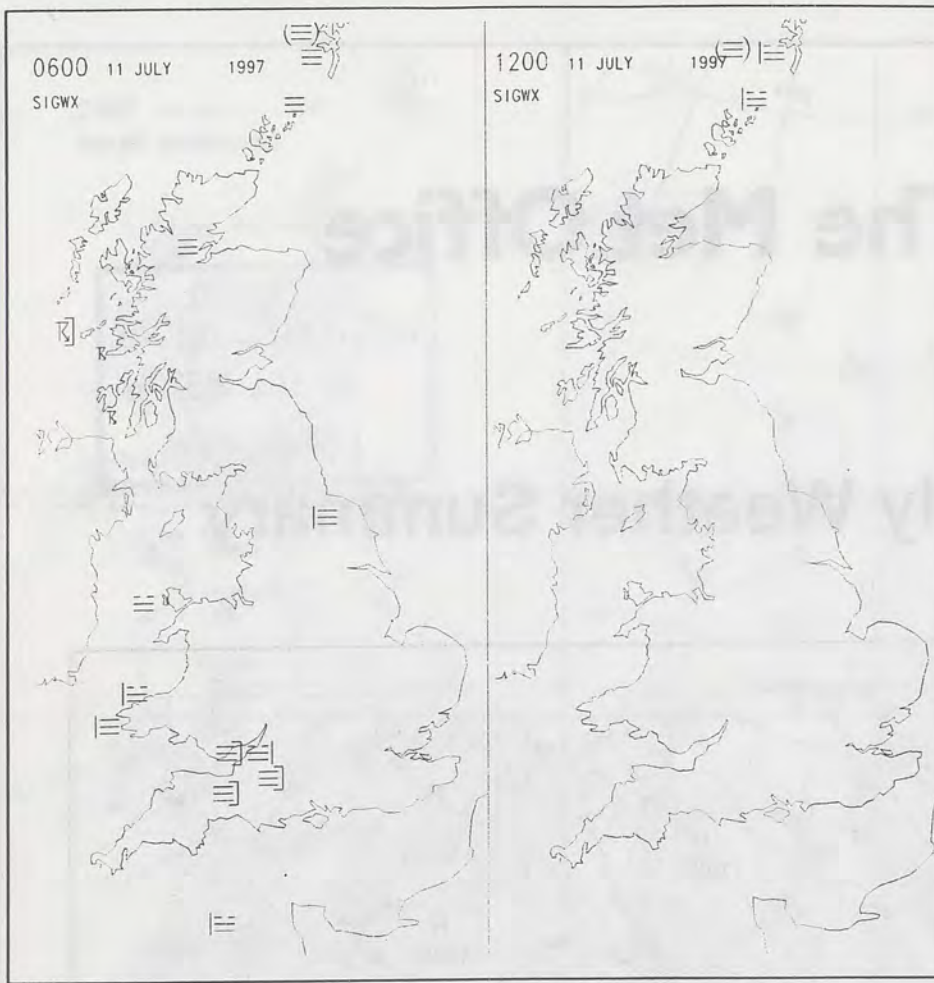
NATIONAL  
METEOROLOGICAL  
24 JUL 1997  
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# The Daily Weather Summary

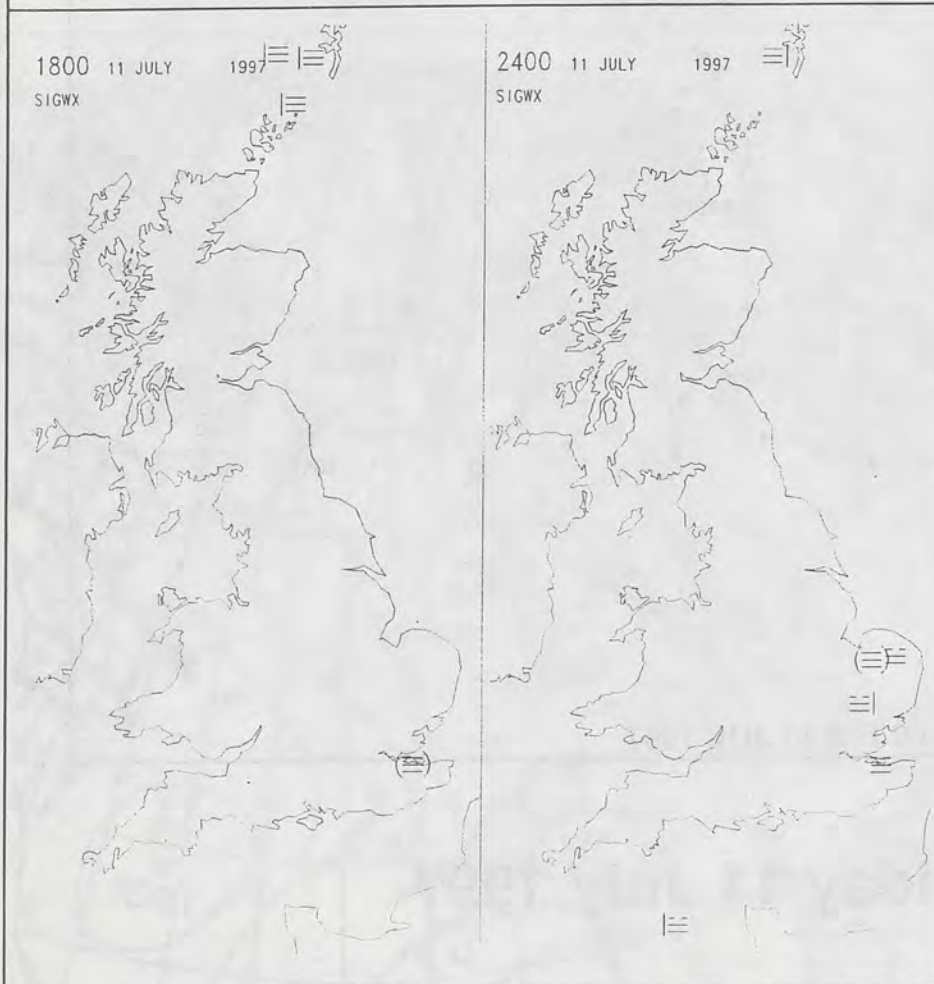


Friday 11 July 1997





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Friday 11th July 1997

Overnight it was dry across the bulk of the country, although there were isolated showers and thunderstorms early in the night across Northern Ireland, and by morning, around Tír. There was extensive low cloud along the east coast from the Humber northwards, with fog in the Northern Isles and around the Moray Firth. During the night the low cloud extended into parts of southern England, the Midlands and southern Scotland, also forming around Irish Sea coasts and in the Channel Islands.

During the morning, most of the low cloud thinned and cleared, although fog and low cloud lingered all day in the Northern Isles, with some patchy low cloud around the Humber and in the Channel Islands. A little drizzle was reported here and there at first. Elsewhere cloud was more variable with sunny periods in most parts.

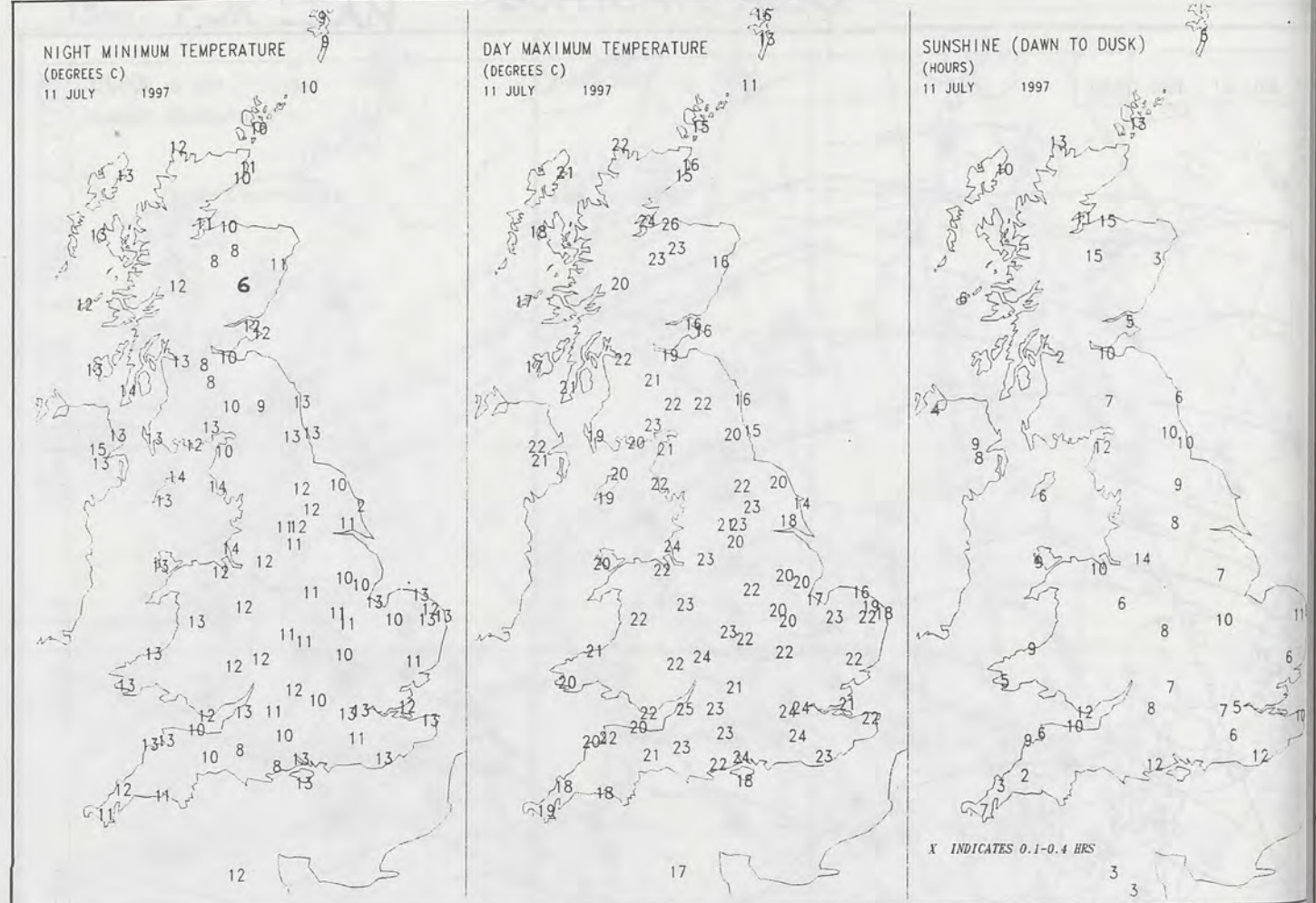
In the afternoon there were some isolated showers in Northern Ireland and Cornwall, and in the evening, in the London area, with lightning also observed. Isolated showers continued in Northern Ireland. Low cloud and fog spread west along the Thames Estuary around dusk to affect north Kent and Essex, and also returned to the Yorkshire coast.

It was a warm or very warm day generally but many coastal areas had temperatures close to normal, although it was locally cool along the Yorkshire coast.

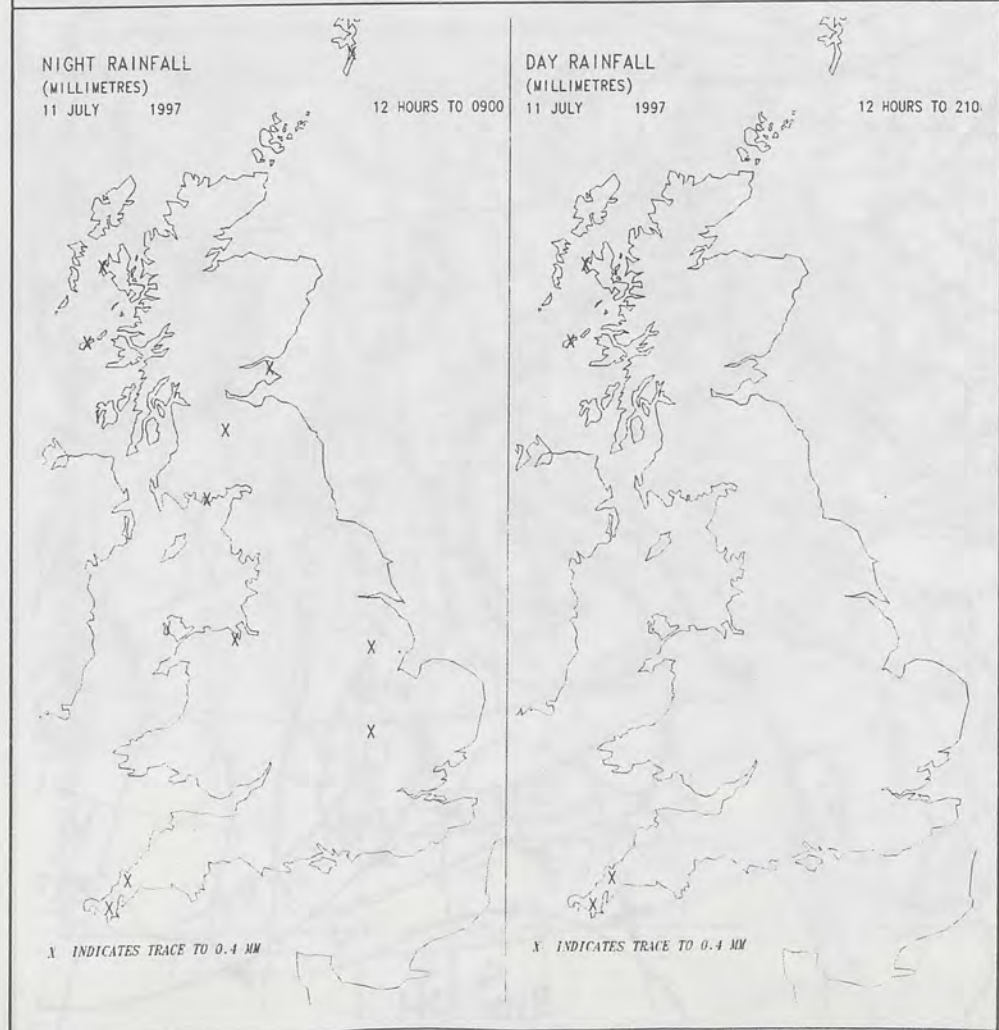
## EXTREMES

### FRIDAY 11TH JULY 1997

- Highest Maximum**  
: 26.2 C Kinloss [ Moray ]
- Lowest Maximum**  
: 11.4 C Fair Isle
- Lowest Minimum**  
: 6.1 C Aboyne [ Aberdeenshire ]
- Lowest Grass Minimum**  
: 1.4 C Shap [ Cumbria ]
- Most Rain (24 hrs from 0900 GMT)**  
: 8.1 mm Carmoney [ Co.Londonderry ]
- Most Sunshine**  
: 15.0 hrs Aviemore [ Highland ]  
Kinloss [ Moray ]



## DAILY CLIMATE DATA



## DAILY WEATHER SUMMARY

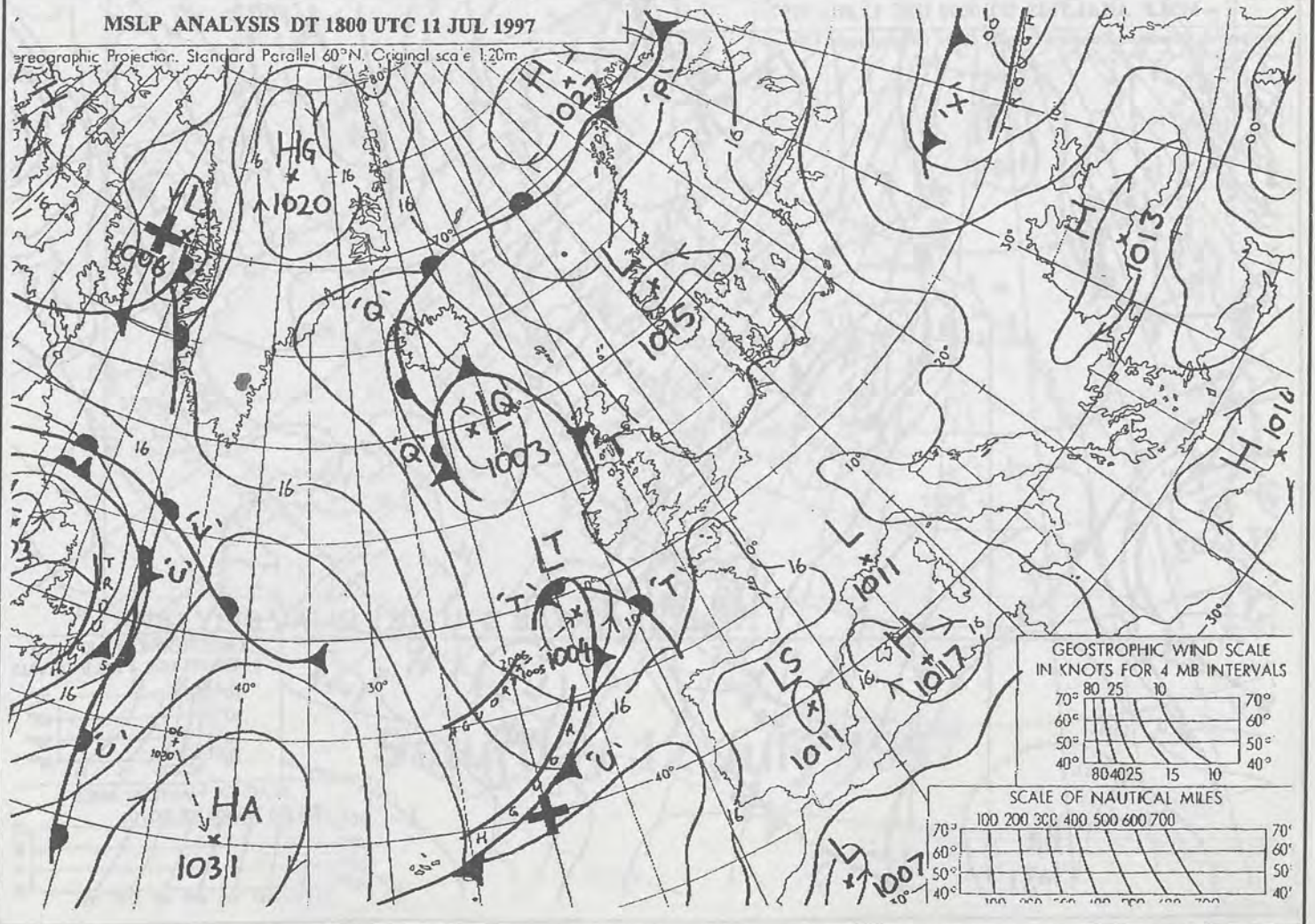
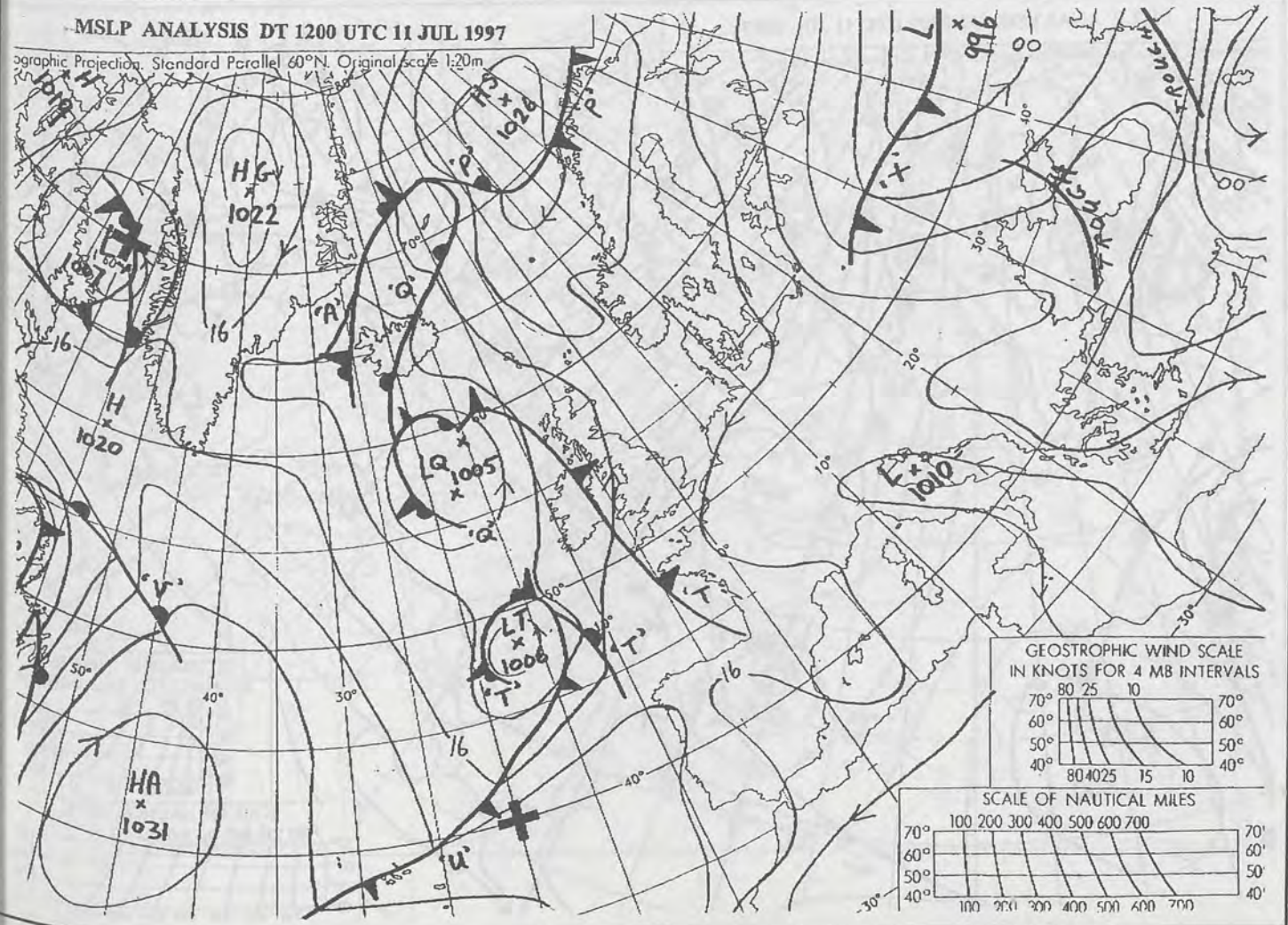
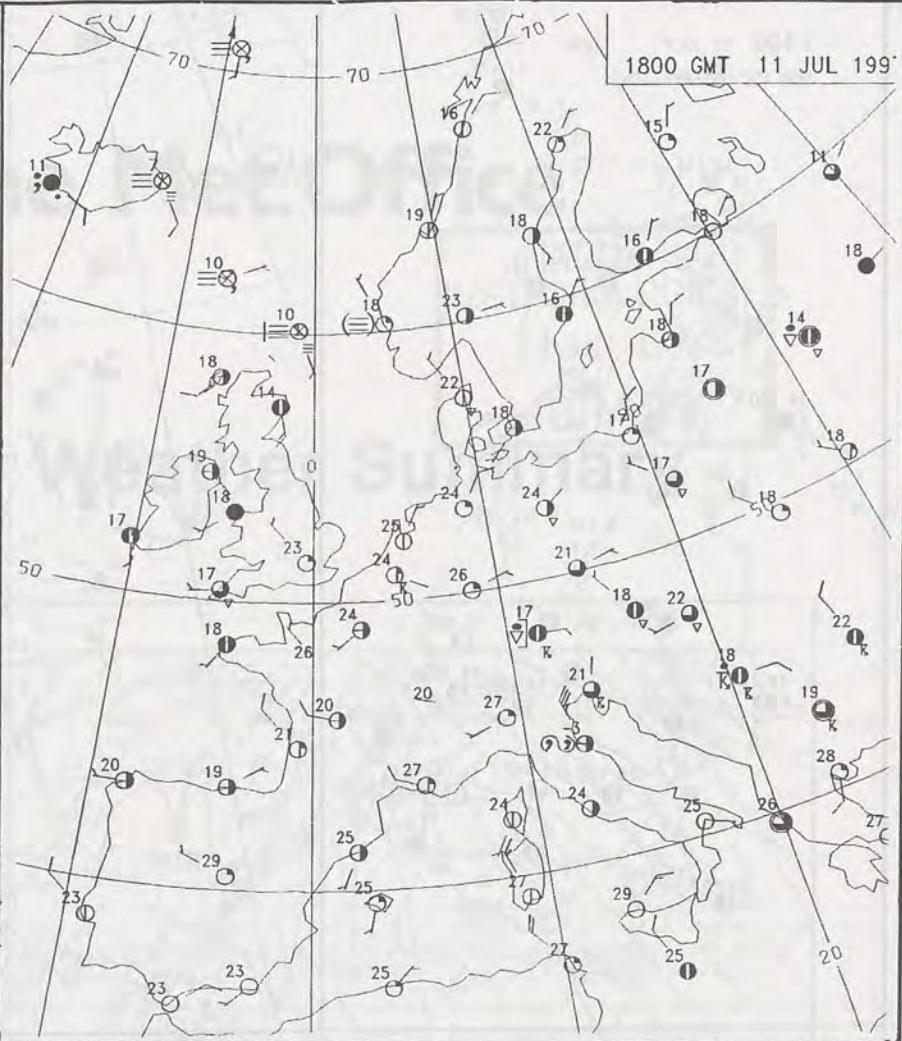
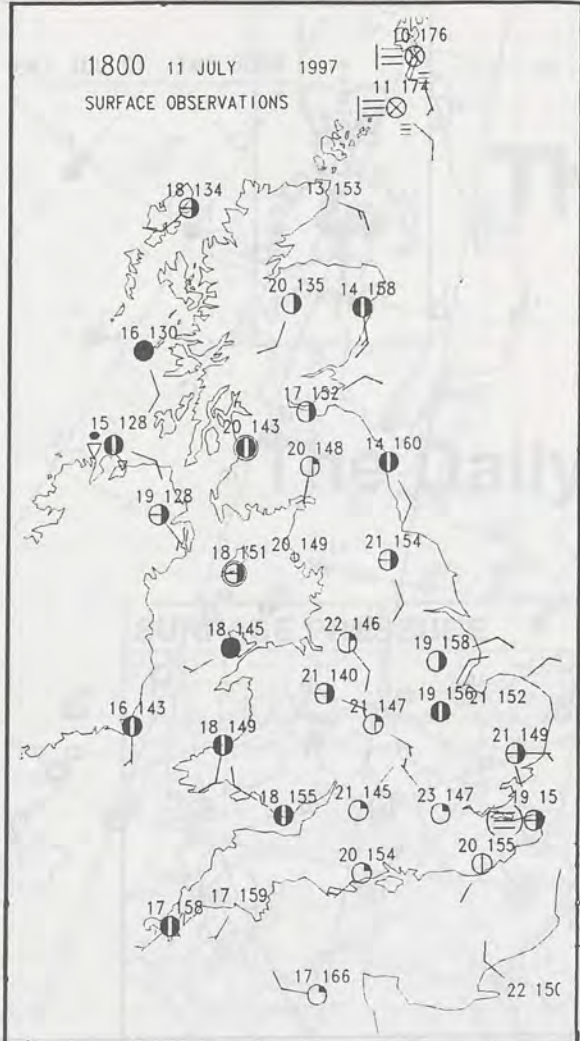
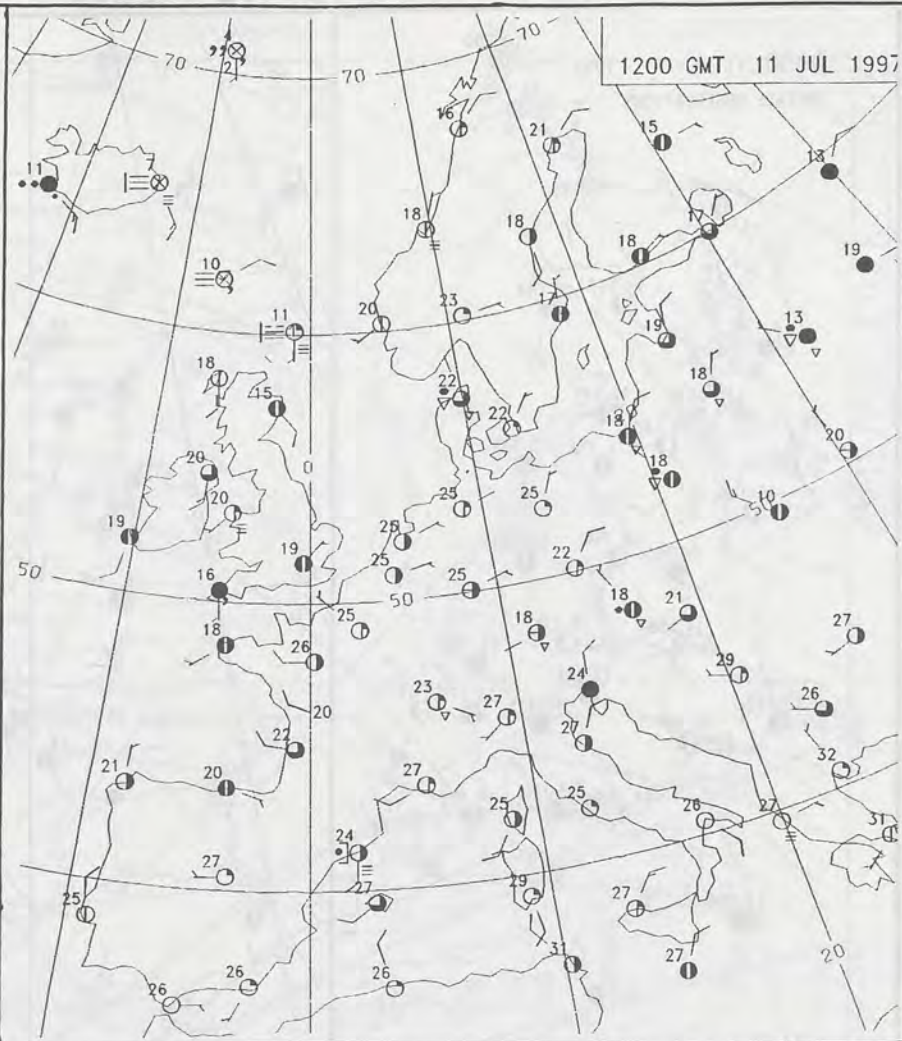
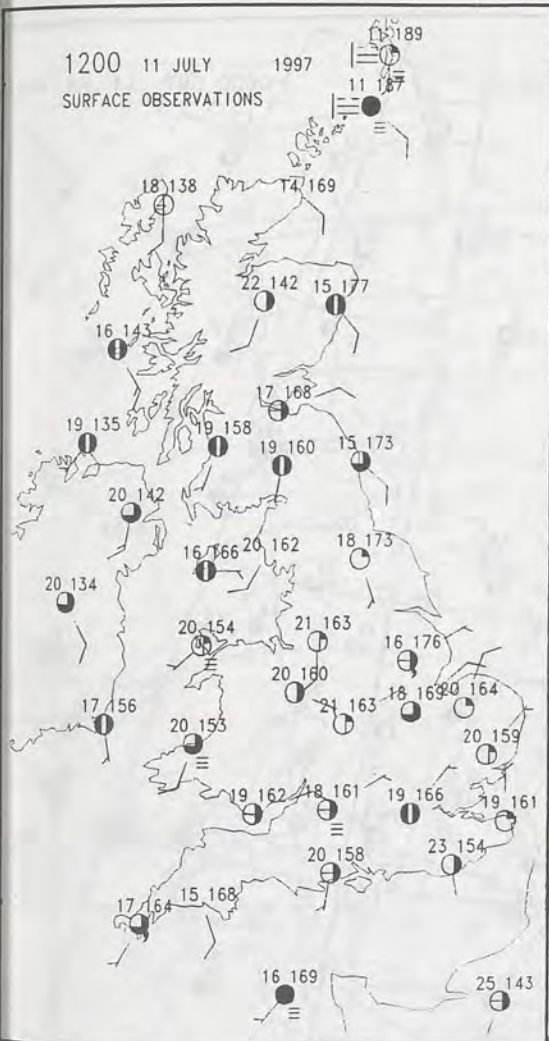


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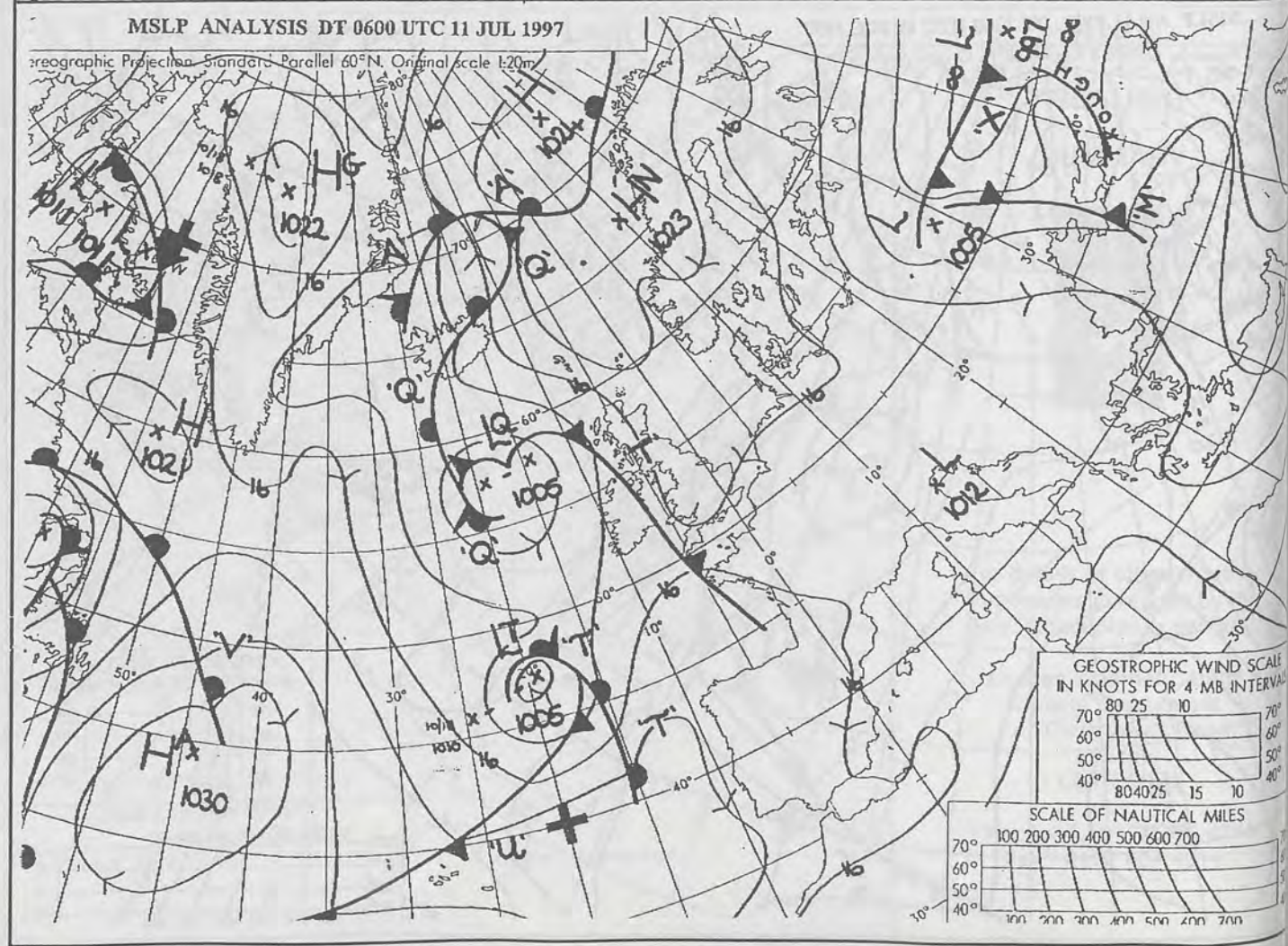
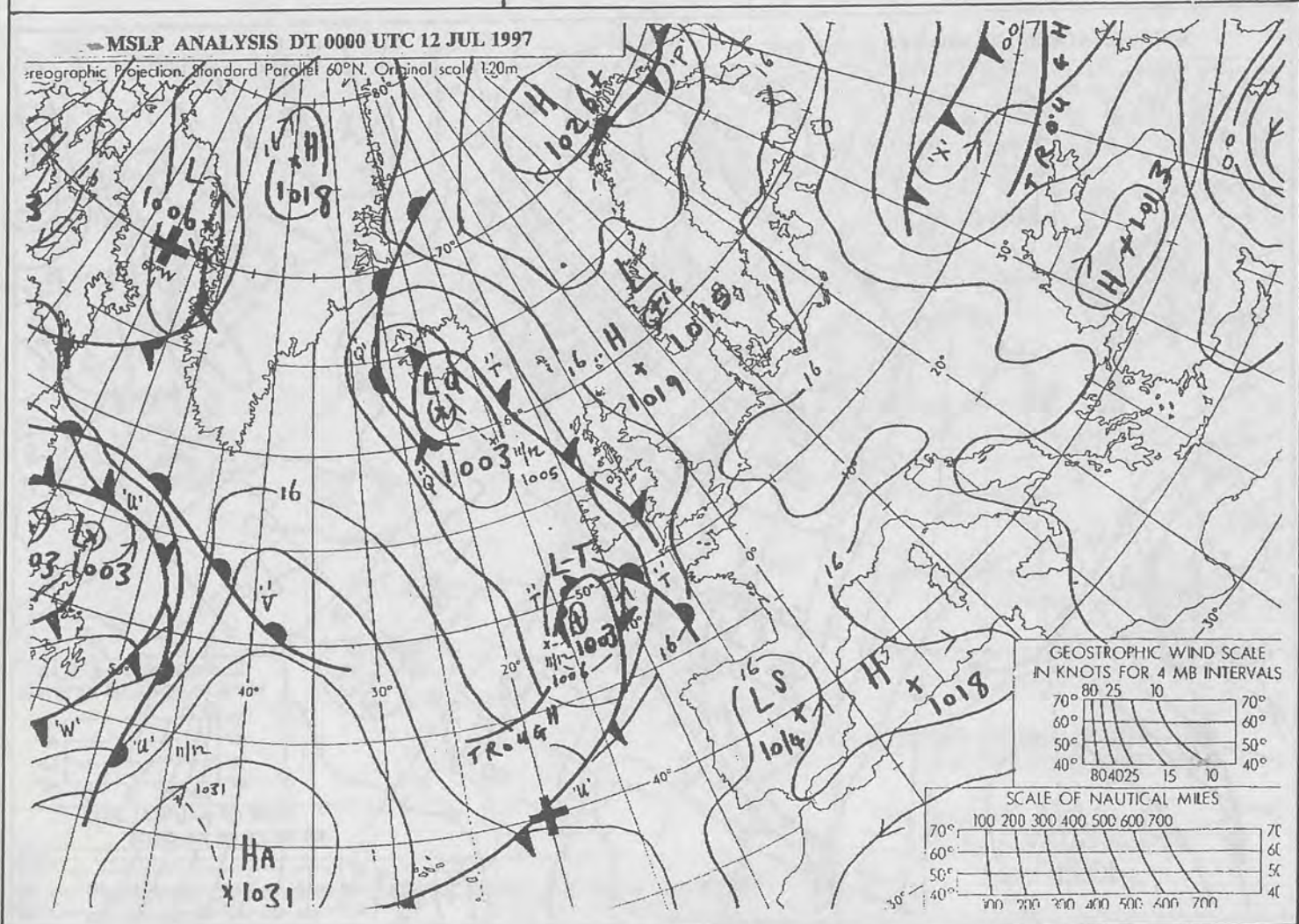
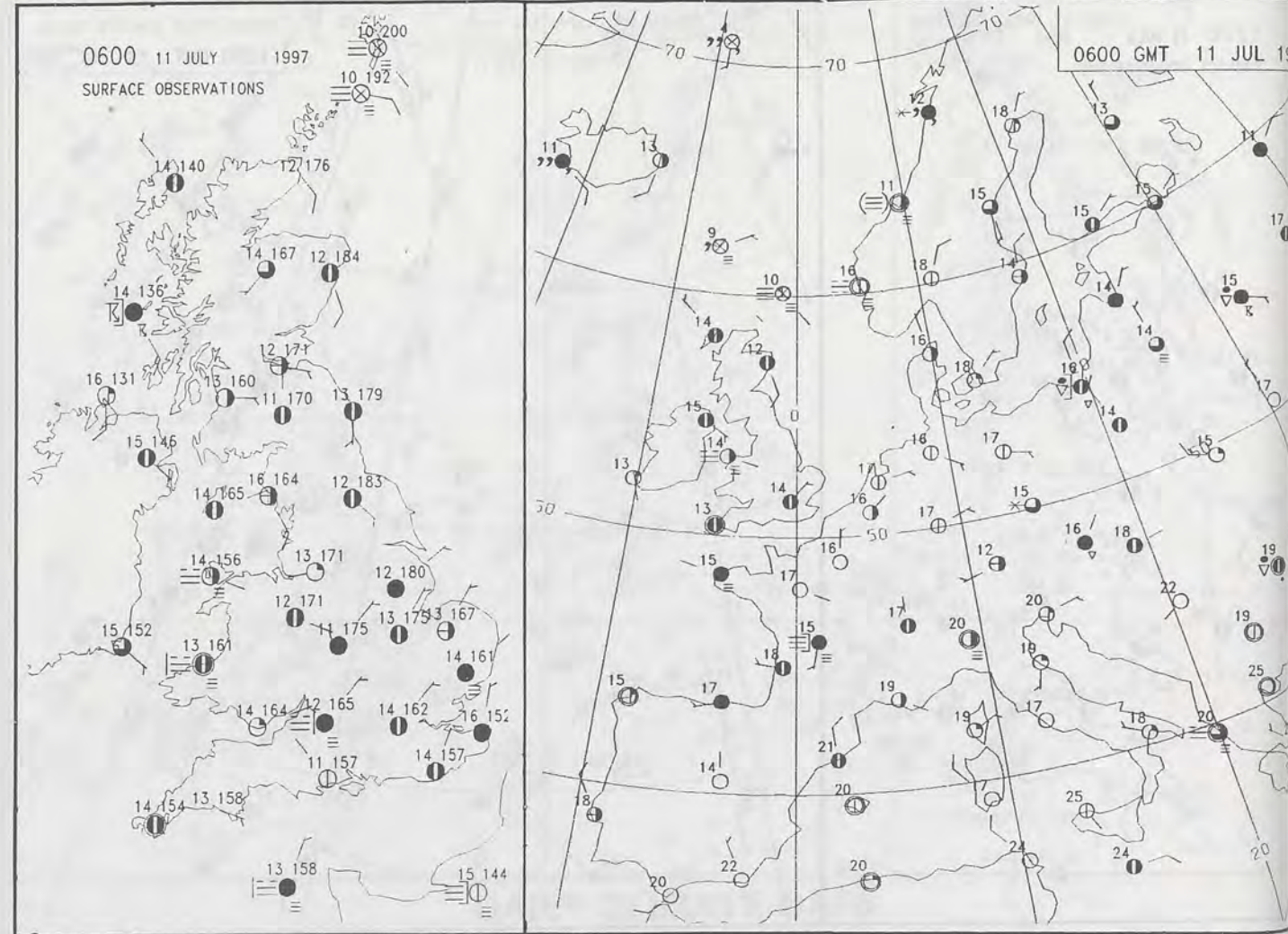
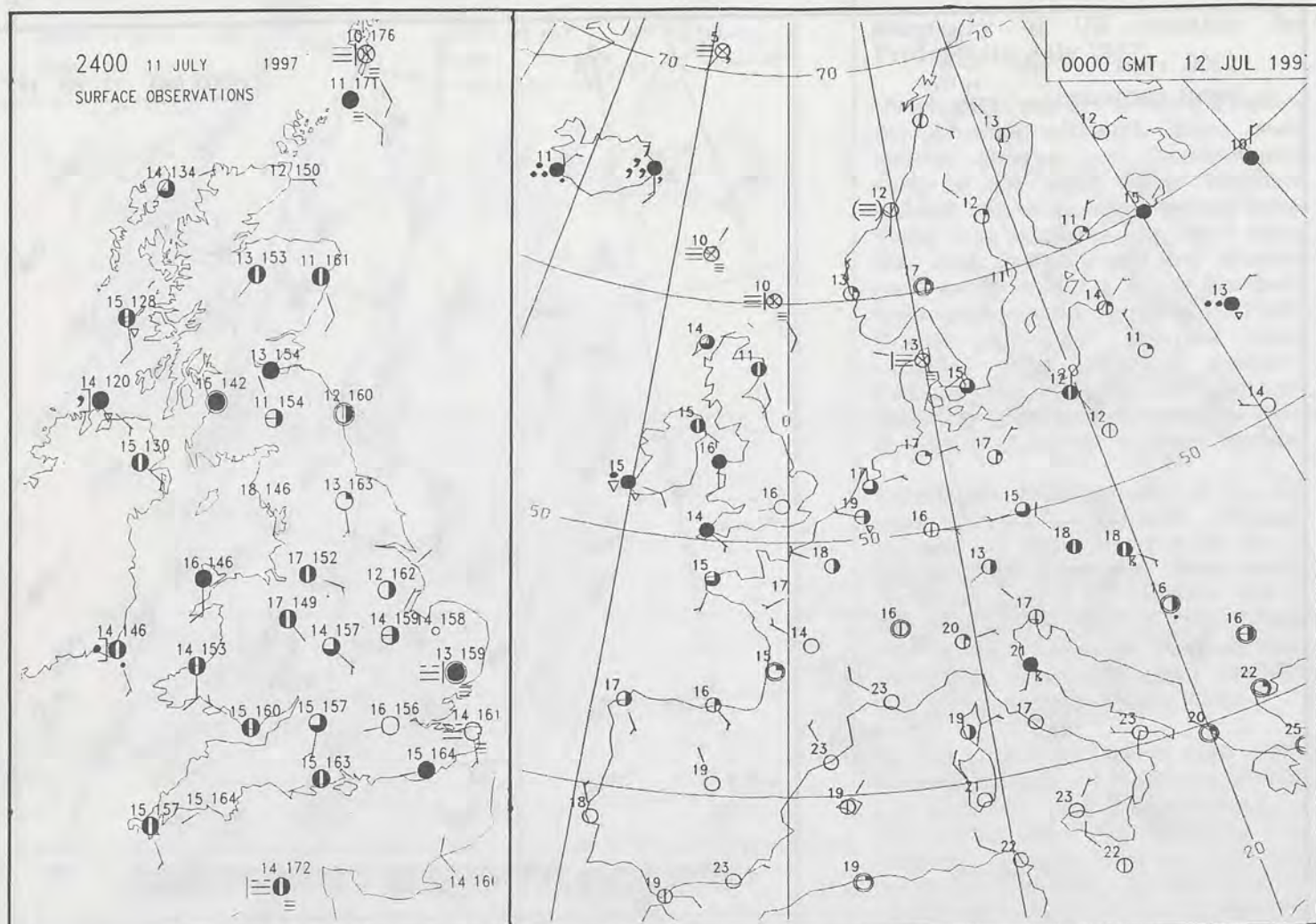
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314









DT 12Z SRI 12/ 7/97 VI 12Z SRI 12/ 7/97 GMAIN 1581+ 0 THICKNESS 500MB  
HEIGHT 500MB



JUL 19

500-1000MB  
500MB  
THICKNESS DM.  
HEIGHT DM.  
GMAIN 558 1+ 0  
DI 12Z SAI 12/ 7/97 VI 12Z SAI 12/ 7/97  
D SCALE  
INTERVAL  
70°  
60°  
50°  
40°  
ES

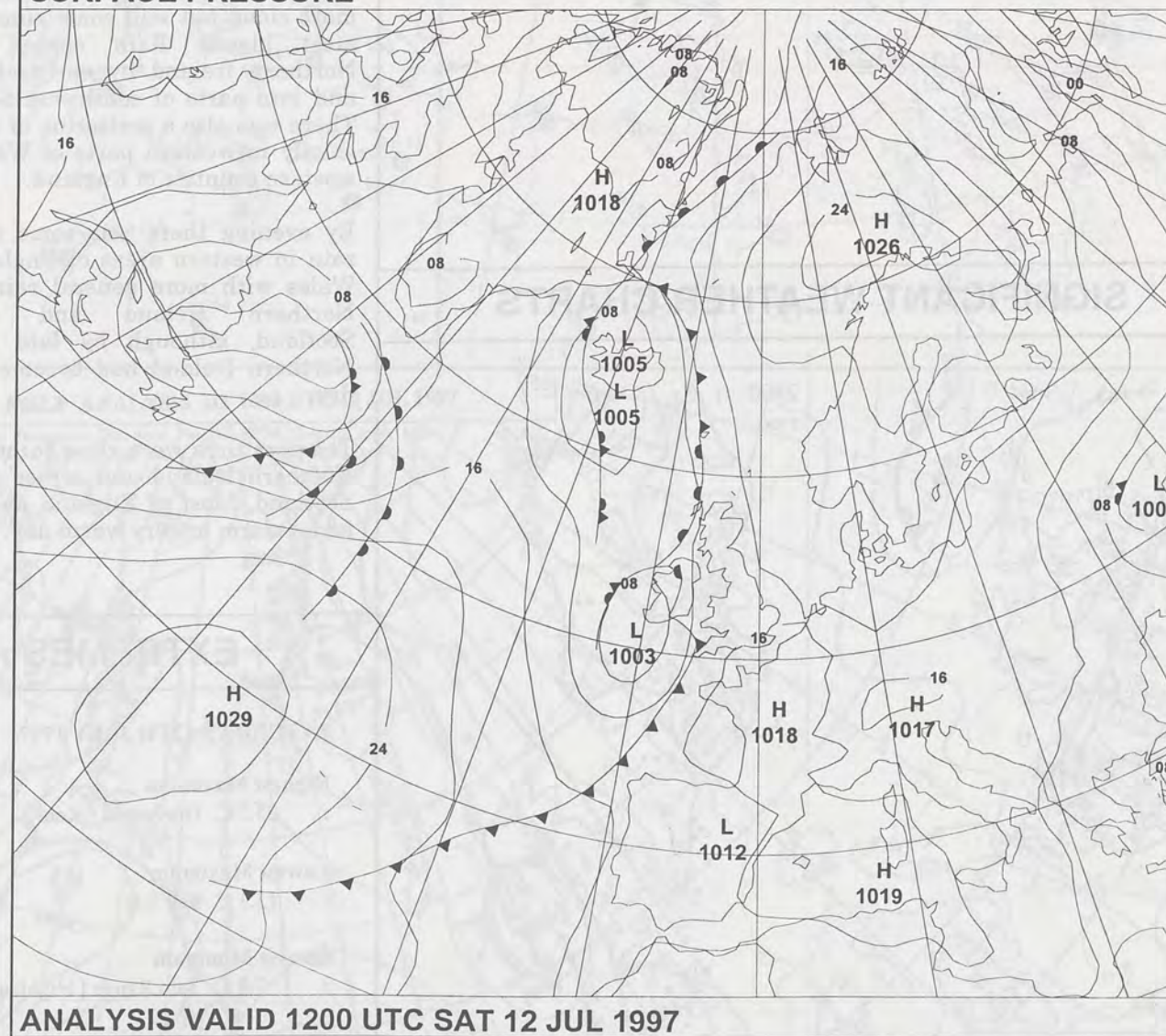


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## The Daily Weather Summary

### SURFACE PRESSURE



**Saturday 12 July 1997**



0600 12 JULY 1997  
SIGWX



1200 12 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 12 JULY 1997  
SIGWX



2400 12 JULY 1997  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Saturday 12th July 1997

Overnight much of the country was dry. There was extensive fog or low cloud in the Northern Isles, in eastern Scotland and around the Thames Estuary. Fog formed across much of East Anglia, Lincolnshire, southeast England and into the Midlands overnight, though the thickest was generally in counties bordering the North Sea, with drizzle in places. There was some patchy rain in western Scotland.

Much of the fog and low cloud cleared eastern parts of England by mid-morning to leave a dry day with long sunny periods. Further west there was more cloud but still some sunshine in most places. Rain spread across Northern Ireland by early afternoon and into parts of southwest Scotland. There was also a scattering of showers chiefly in western parts of Wales and western counties of England.

By evening there was some showery rain in western areas of England and Wales with more general rain across Northern Ireland and western Scotland, although by late evening Northern Ireland had become mainly dry.

Temperatures were close to normal in Northern Ireland and across much of Scotland. Most of England and Wales had a warm or very warm day.

## EXTREMES

### SATURDAY 12TH JULY 1997

**Highest Maximum**  
: 25.7 C Gravesend [ Kent ]

**Lowest Maximum**  
: 13.1 C Fair Isle

**Lowest Minimum**  
: 7.7 C Tain Range [ Highland ]

**Lowest Grass Minimum**  
: 4.0 C Wick [ Northeast Scotland ]

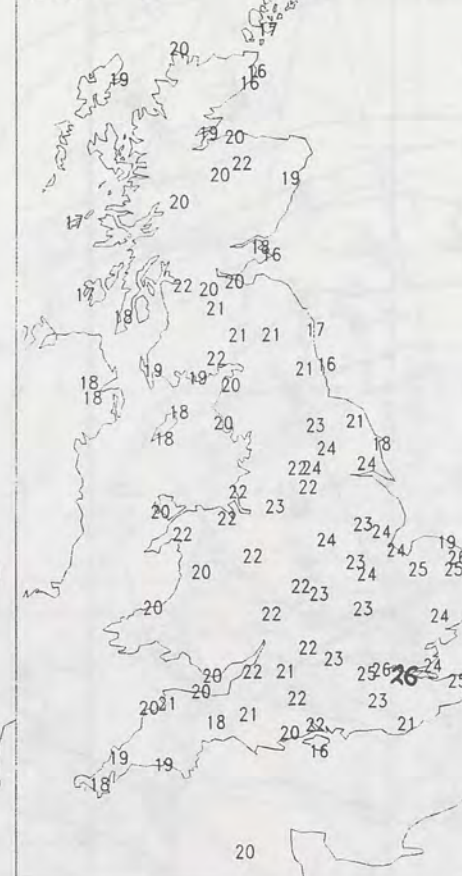
**Most Rain (24 hrs from 0900 GMT)**  
: 11.7 mm Corgary [ Co.Fermanagh ]

**Most Sunshine**  
: 12.6 hrs Norwich [ Norfolk ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
12 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
12 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
12 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
12 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
12 JULY 1997



## DAILY WEATHER SUMMARY



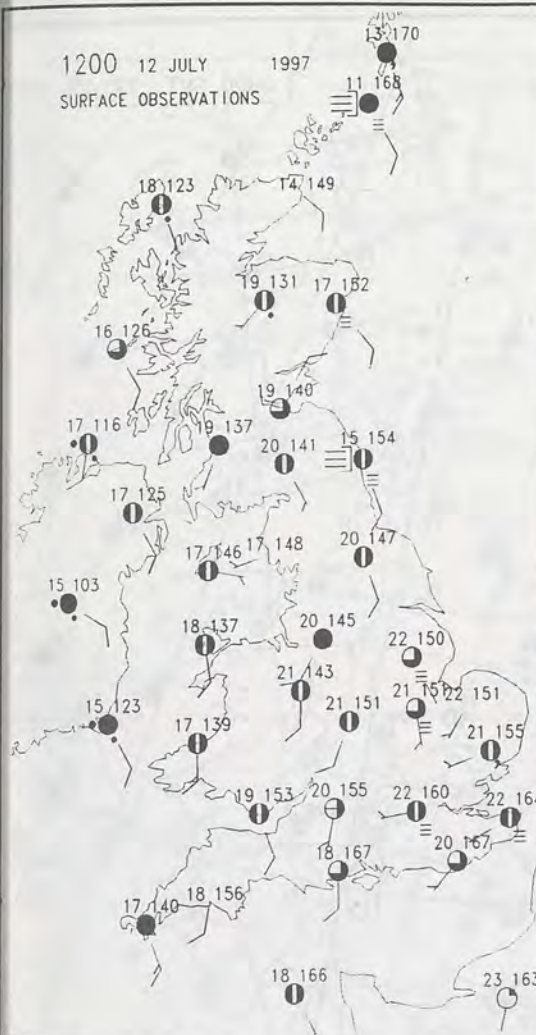
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EC1R 5DB

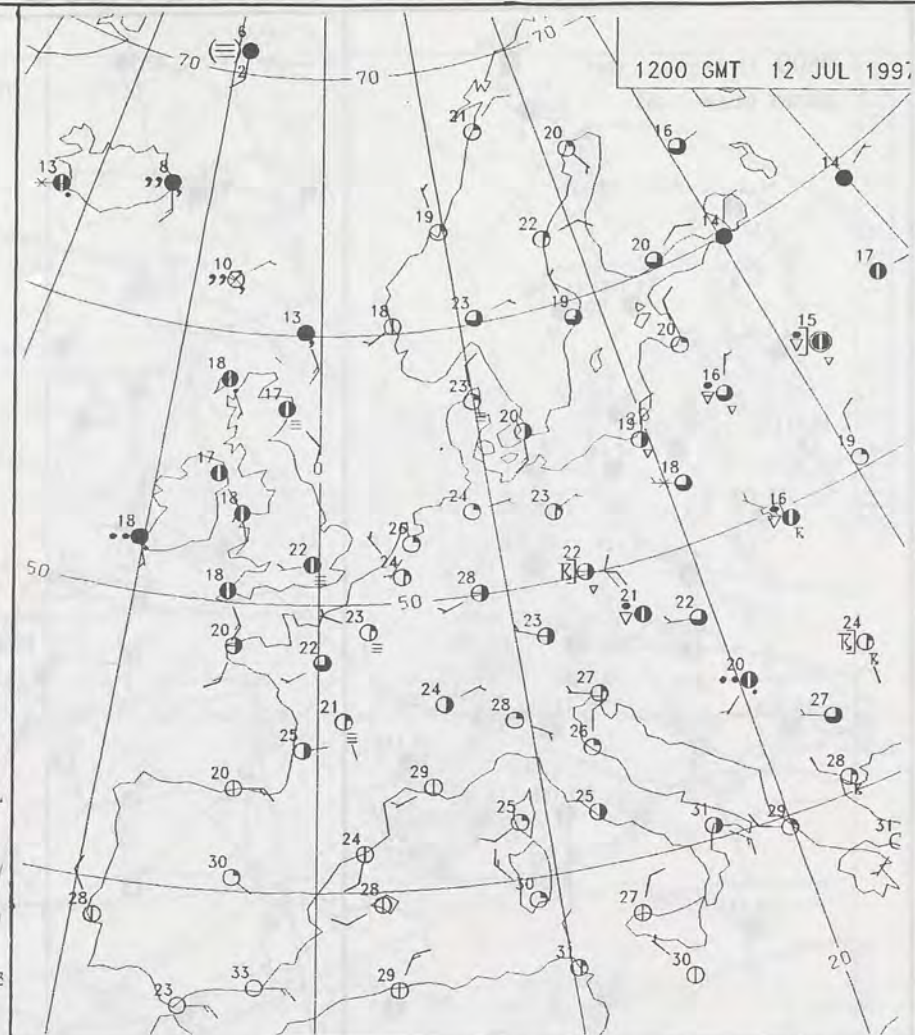
Telephone: 0171 405 4358  
Fax: 0171 404 4314



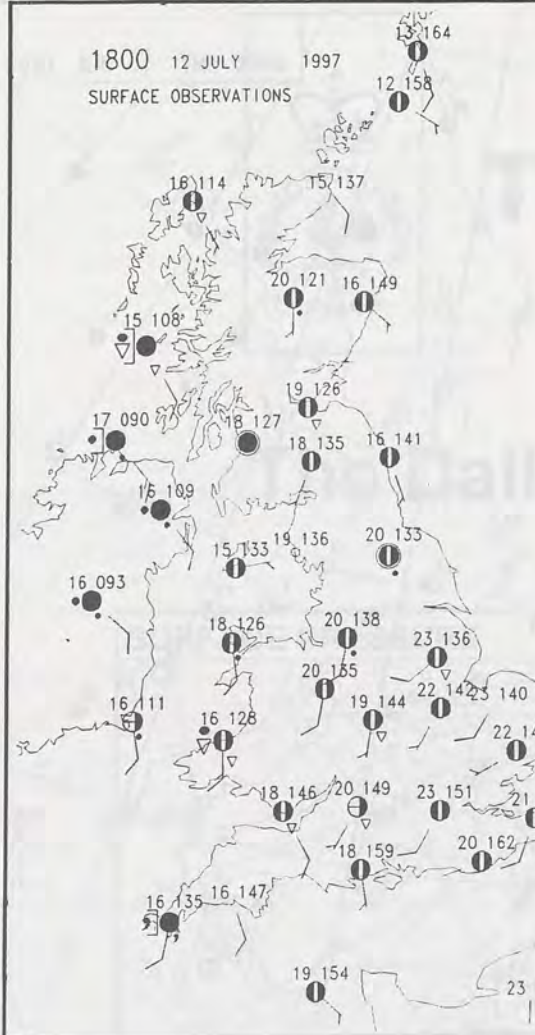
1200 12 JULY 1997  
SURFACE OBSERVATIONS



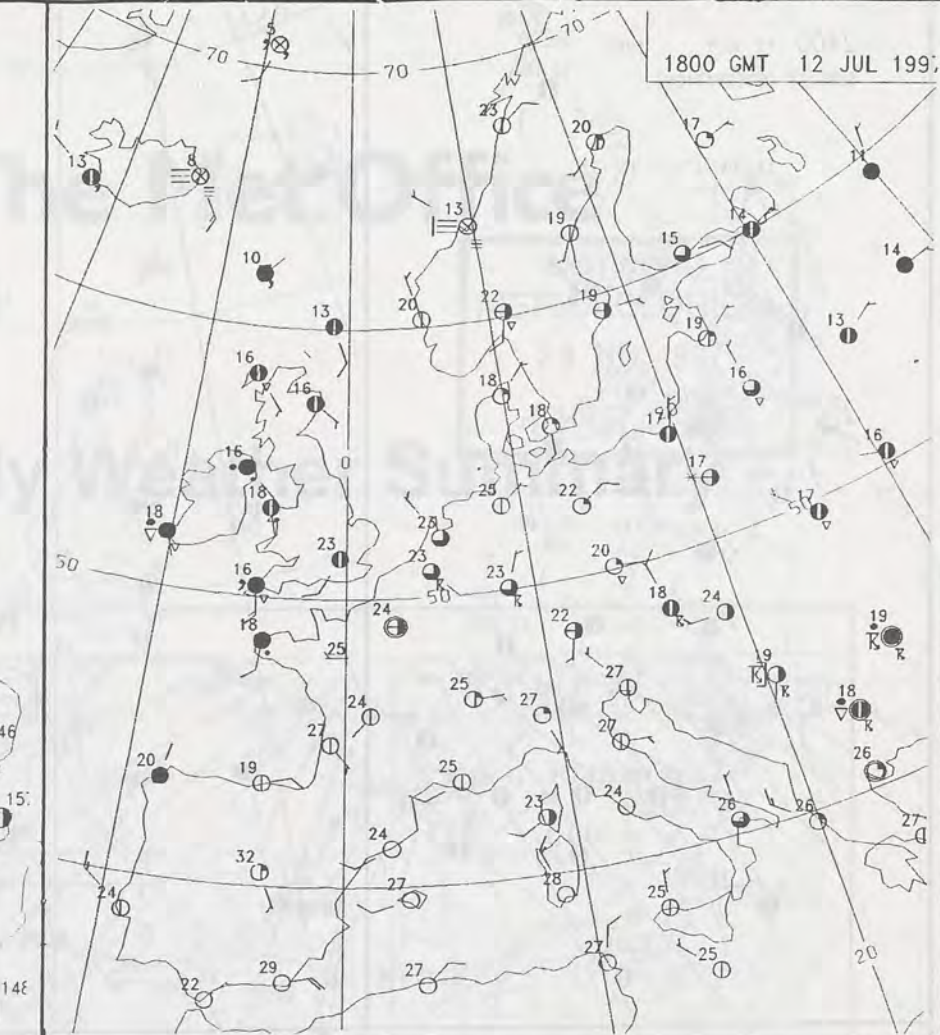
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1800 12 JULY 1997  
SURFACE OBSERVATIONS

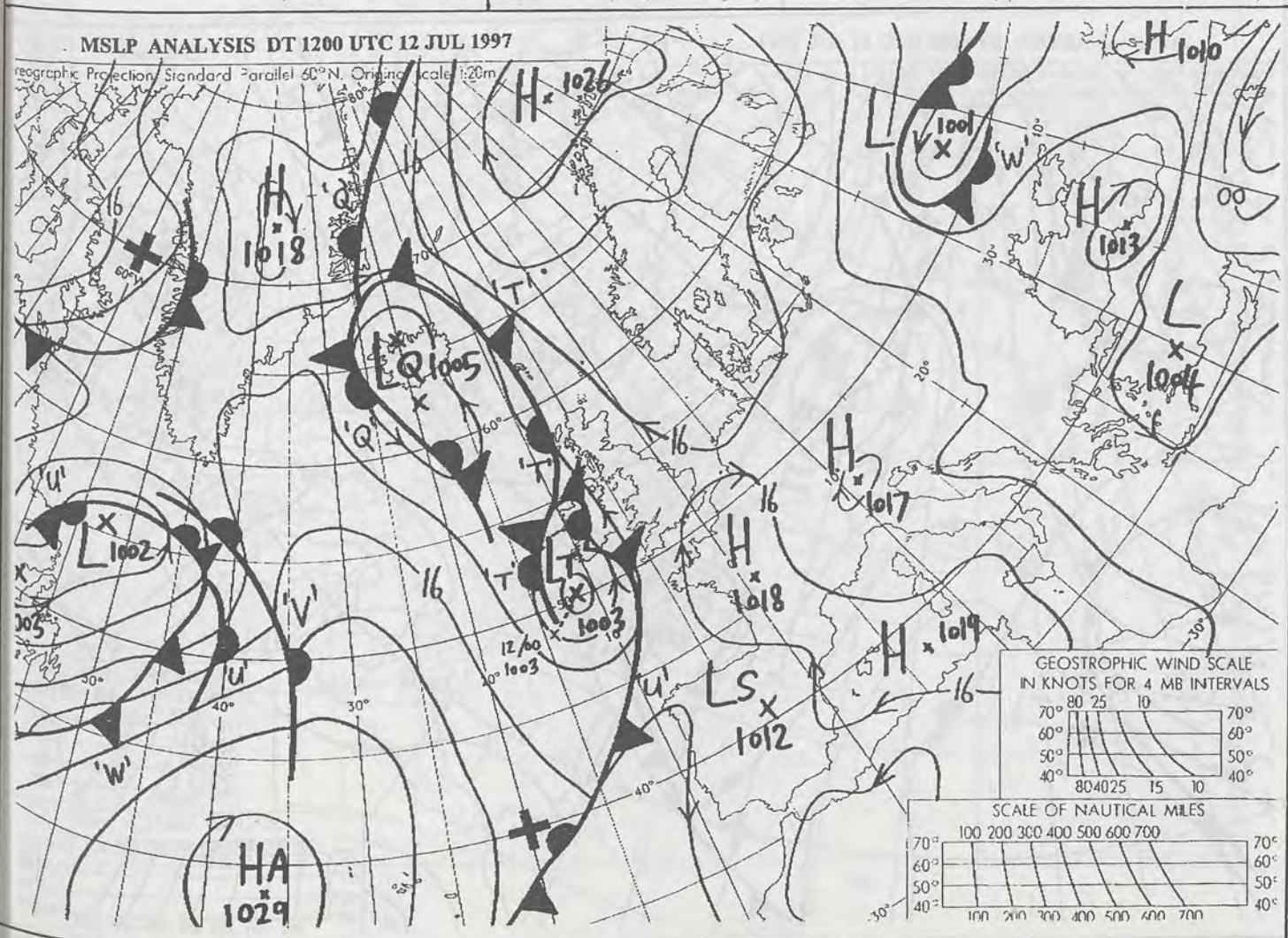


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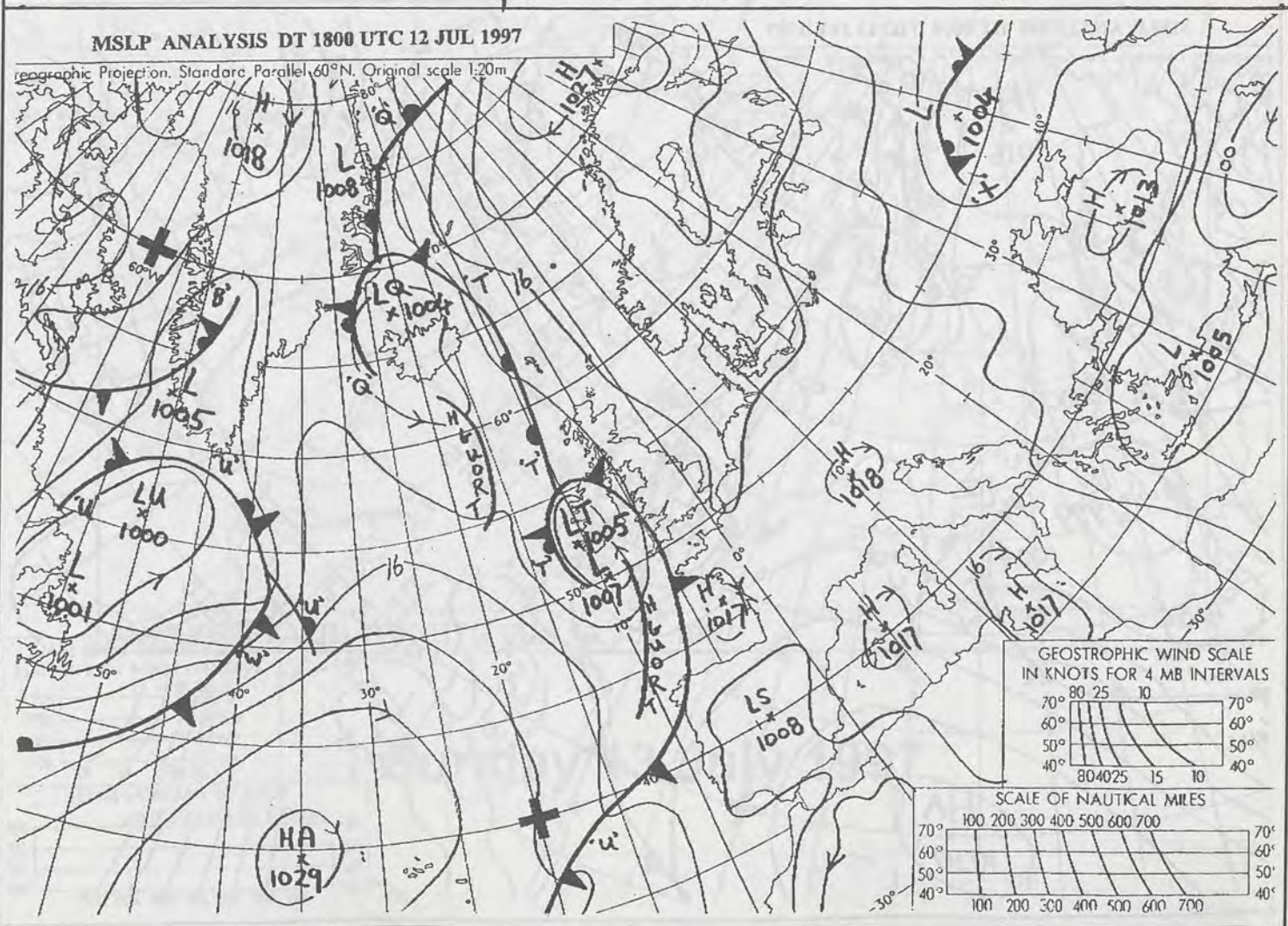
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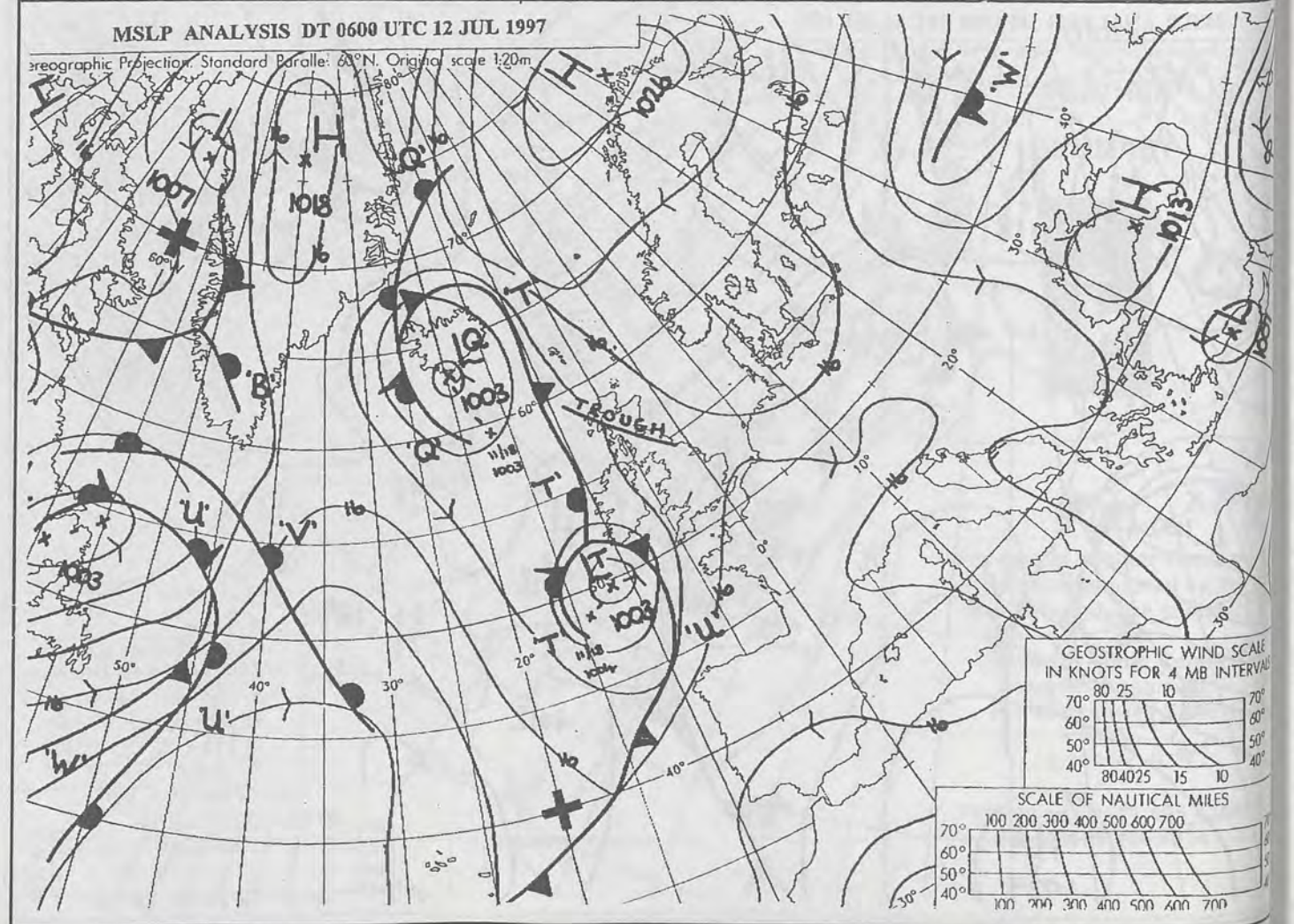
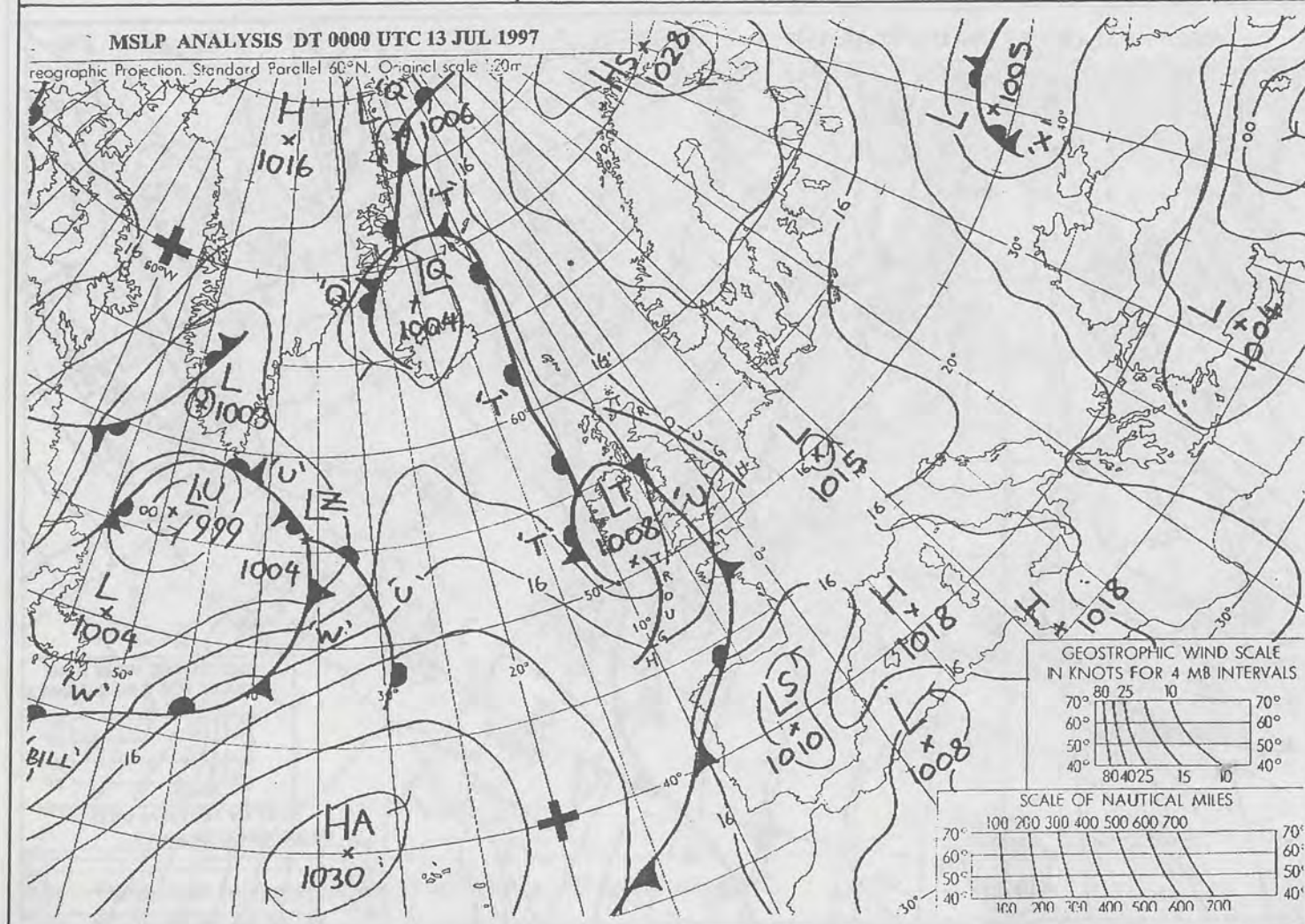
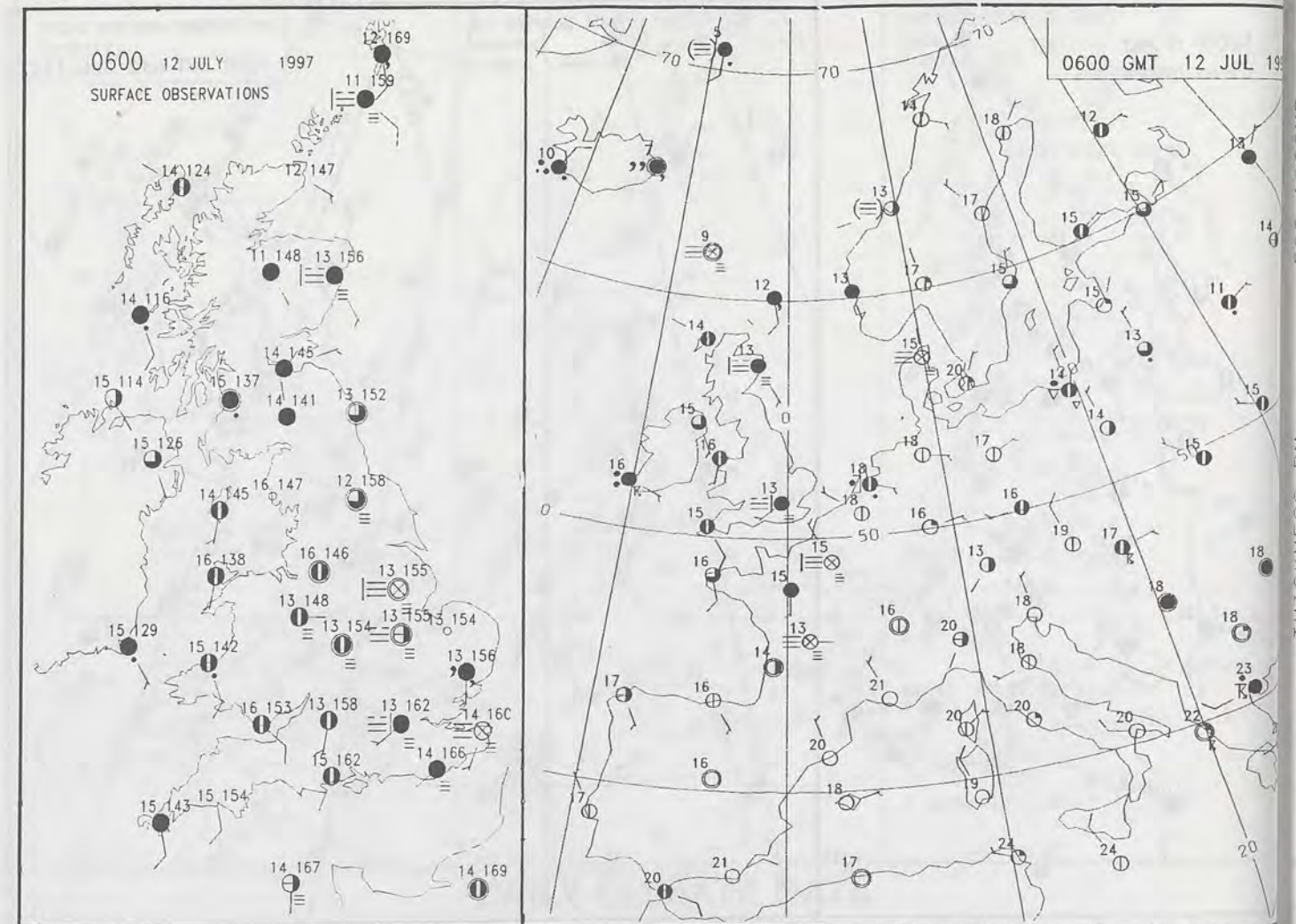
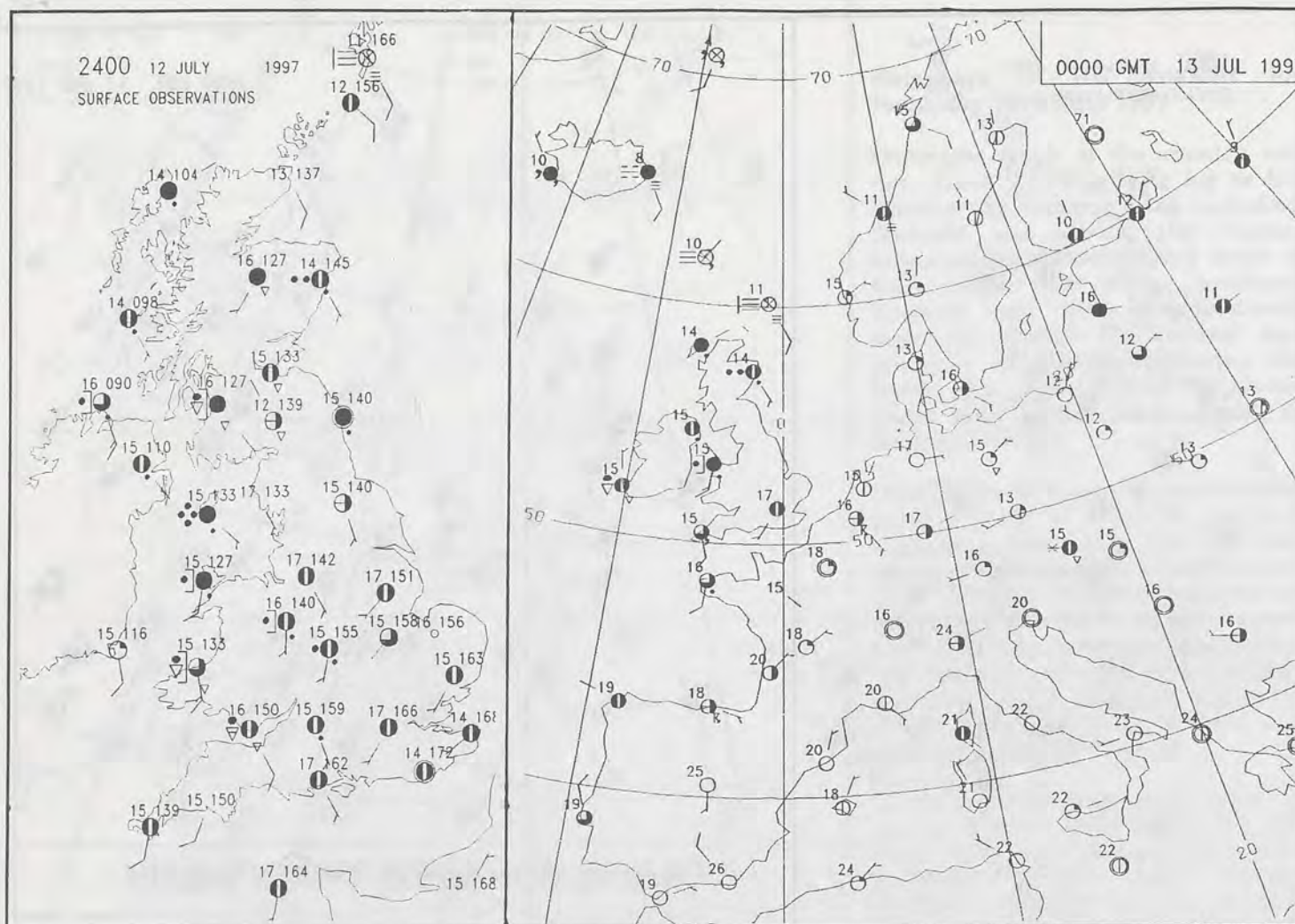
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NOT FOR LOAN

DUPLICATE ALSO



DT 12Z SUN 13/ 7/97 VT 12Z SUN 13/ 7/97 GMAIN T+ 0 -THICKNESS DM. -HEIGHT DM. 500-1000MB



JUL 19

500-1000MB  
500MB

THICKNESS DM.  
HEIGHT DM.

DT 12Z SUN 13/ 7/97

VT 12Z SUN 13/ 7/97

GMATN 1+ 0

13/ 7/97

13/ 7/97

13/ 7/97

13/ 7/97

13/ 7/97

13/ 7/97

13/ 7/97

13/ 7/97

13/ 7/97

13/ 7/97



IPHEA50 EGRR 1200Z

CHART 13

POLAR STEREOGRAPHIC PROJECTION AT 60N SCALE 1:20M RUN TIME 15.39.58

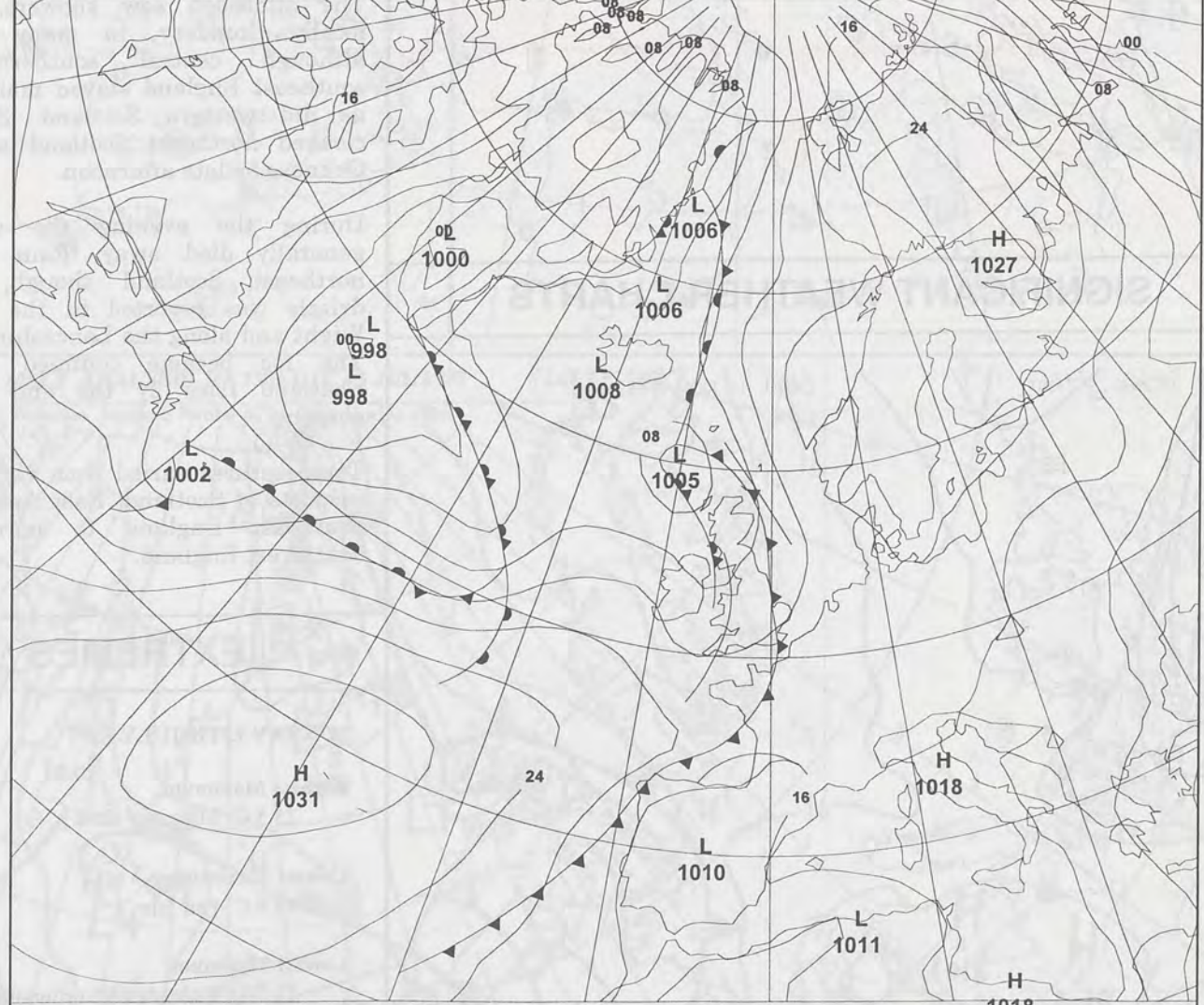


The Met. Office

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24 JUL 1997  
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The Daily Weather Summary

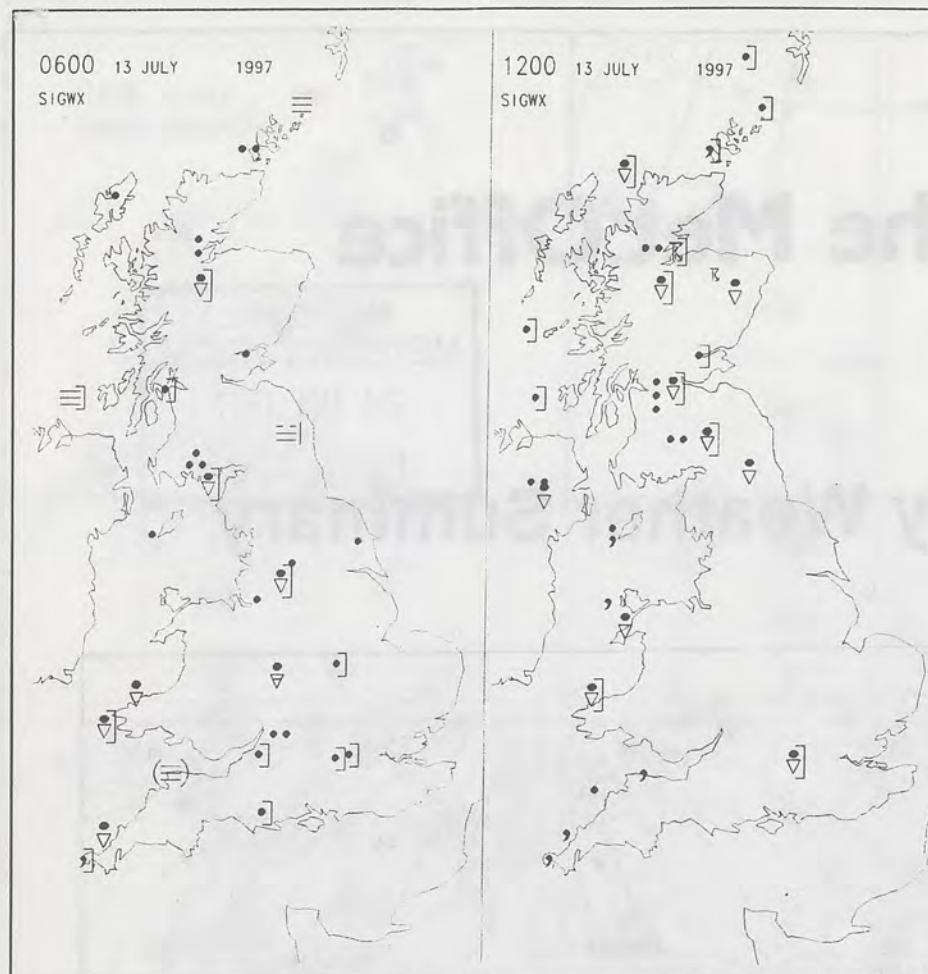
SURFACE PRESSURE



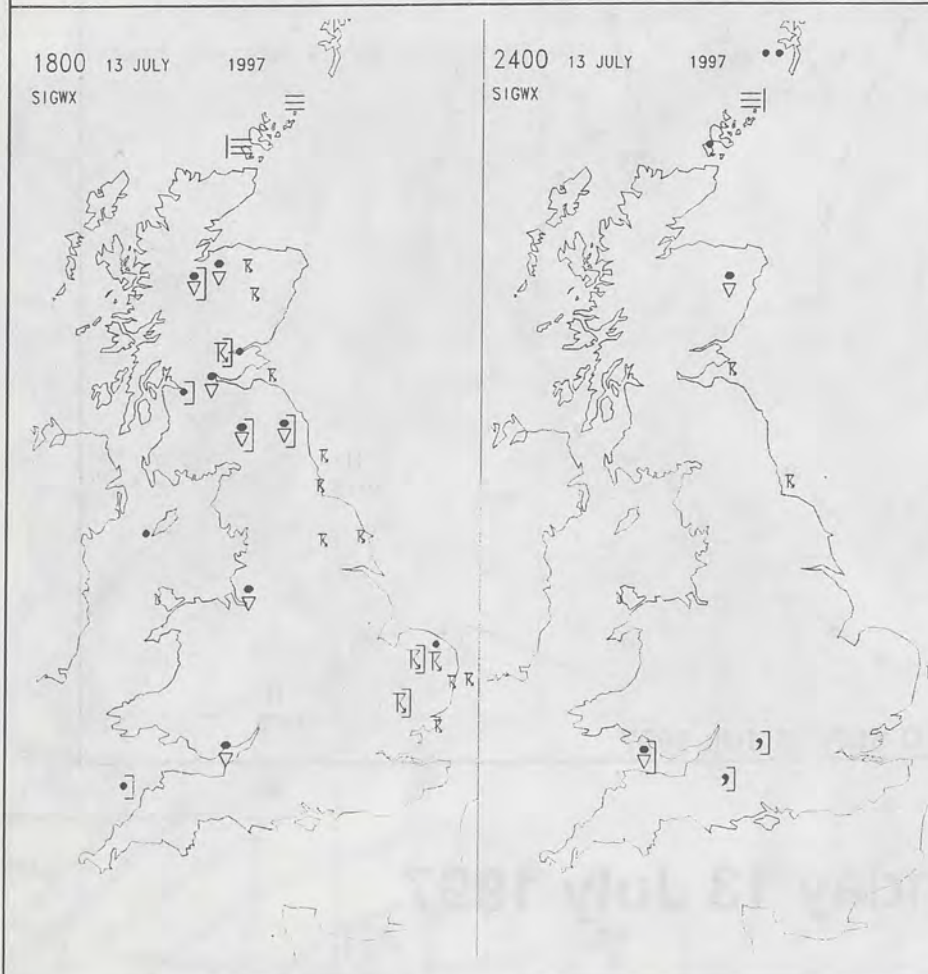
ANALYSIS VALID 1200 UTC SUN 13 JUL 1997

Sunday 13 July 1997





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Sunday 13th July 1997

Rain or showers were reported from many parts of Wales, Scotland and England, north of a line from Bristol to The Wash, in the early hours, while the Shetland Isles were enveloped in fog. By dawn the showery rain had extended into central southern England, Cornwall and become negligible in most of Scotland.

In the morning the showery rain turned thundery in places, notably Luton and Kinross, and affected most parts at some time, the exception being southeast England and East Anglia. Sea fog drifted inland for awhile from Aberdeen down to Northumberland.

The afternoon saw showers, again locally thundery, in many places, although central southern and southeast England stayed mainly dry as did western Scotland. Sea fog cloaked northeast Scotland and the Orkneys by late afternoon.

During the evening the showers generally died away. Rain fell in northeast Scotland though, while drizzle was reported in the Isle of Wight and along the Lancashire coast. The fog became confined to the Shetland Isles by the end of the evening.

Temperatures varied from very warm in parts of Scotland, East Anglia and southeast England to normal in southwest England.

## EXTREMES

### SUNDAY 13TH JULY 1997

**Highest Maximum**  
: 25.5 C Margate [ Kent ]

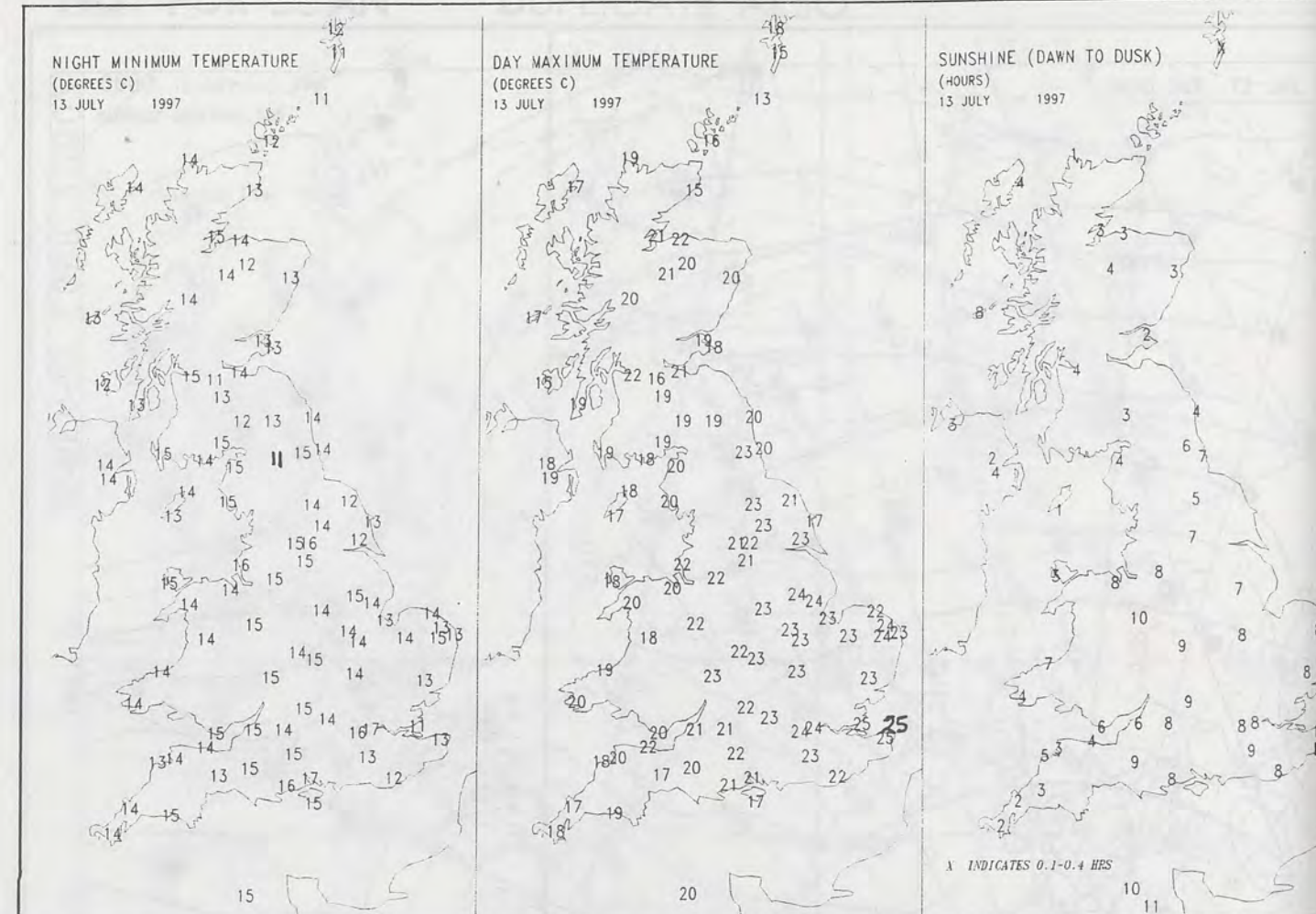
**Lowest Maximum**  
: 12.8 C Fair Isle

**Lowest Minimum**  
: 10.7 C Redesdale [ Northumberland ]  
Lerwick [ Shetland ]

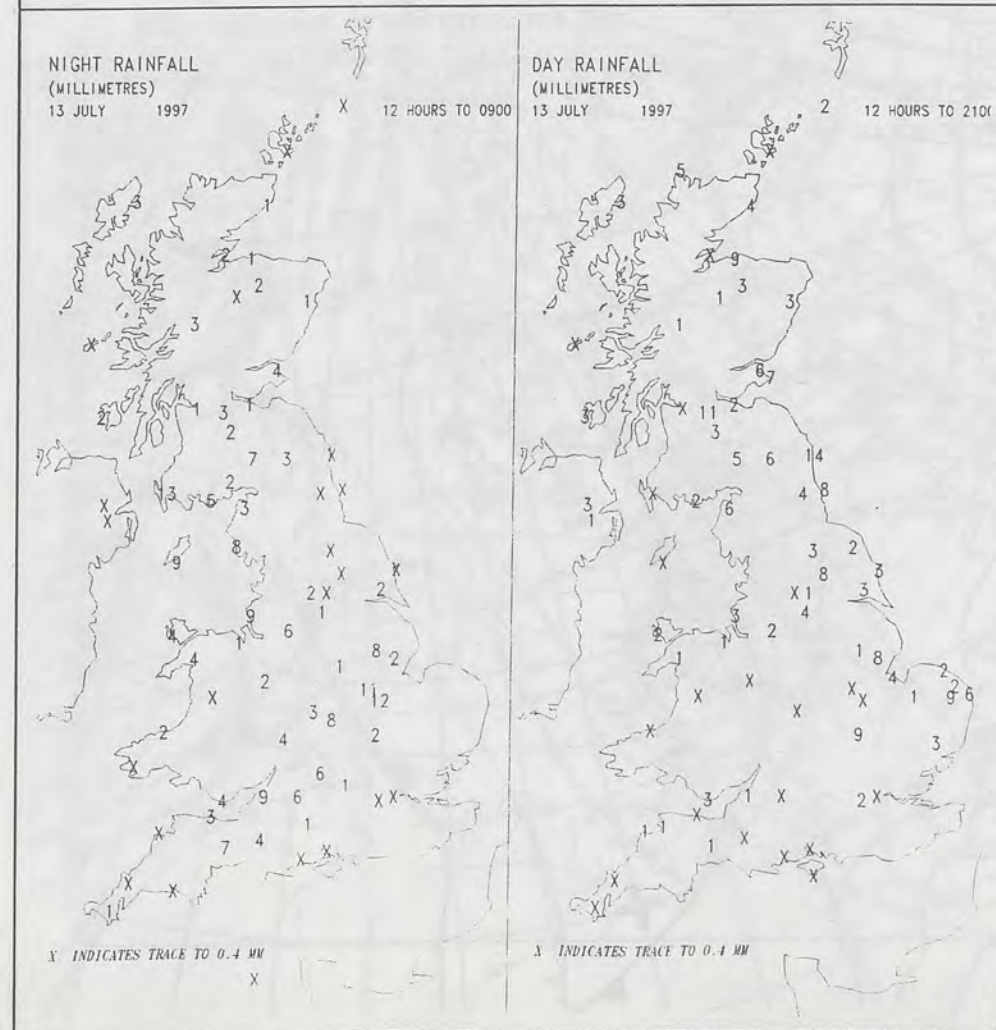
**Lowest Grass Minimum**  
: 7.4 C Shoeburyness [ Essex ]

**Most Rain (24 hrs from 0900 GMT)**  
: 28.9mm Longframlington  
[ Northumberland ]

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



## DAILY CLIMATE DATA



## DAILY WEATHER SUMMARY



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Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

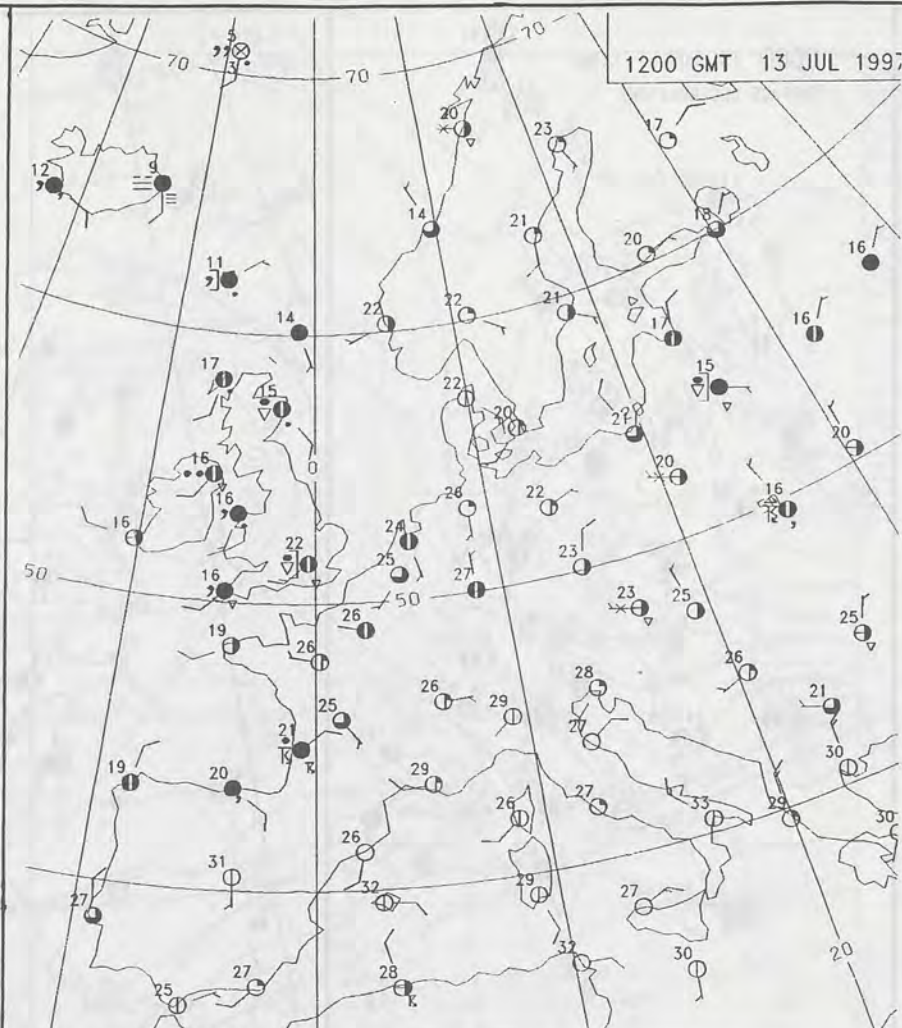
Telephone: 0171 405 4358  
Fax: 0171 404 4314



1200 13 JULY 1997  
SURFACE OBSERVATIONS



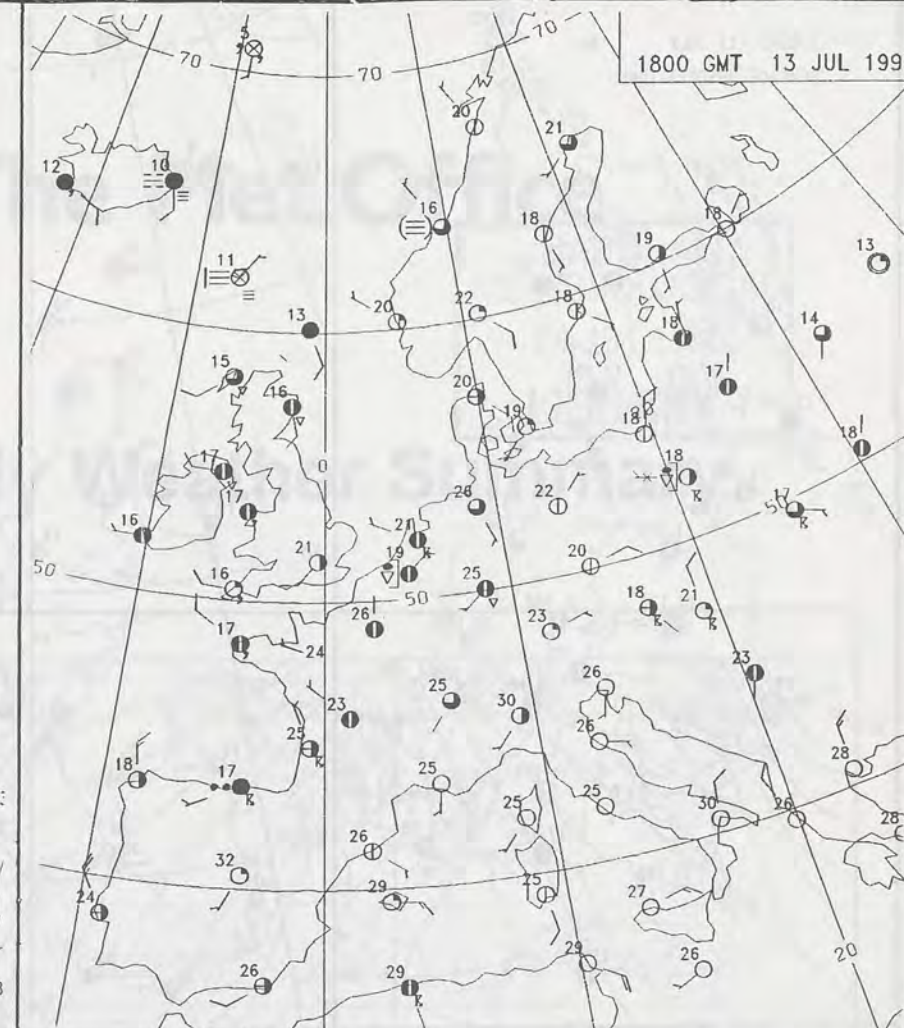
1200 GMT 13 JUL 1997



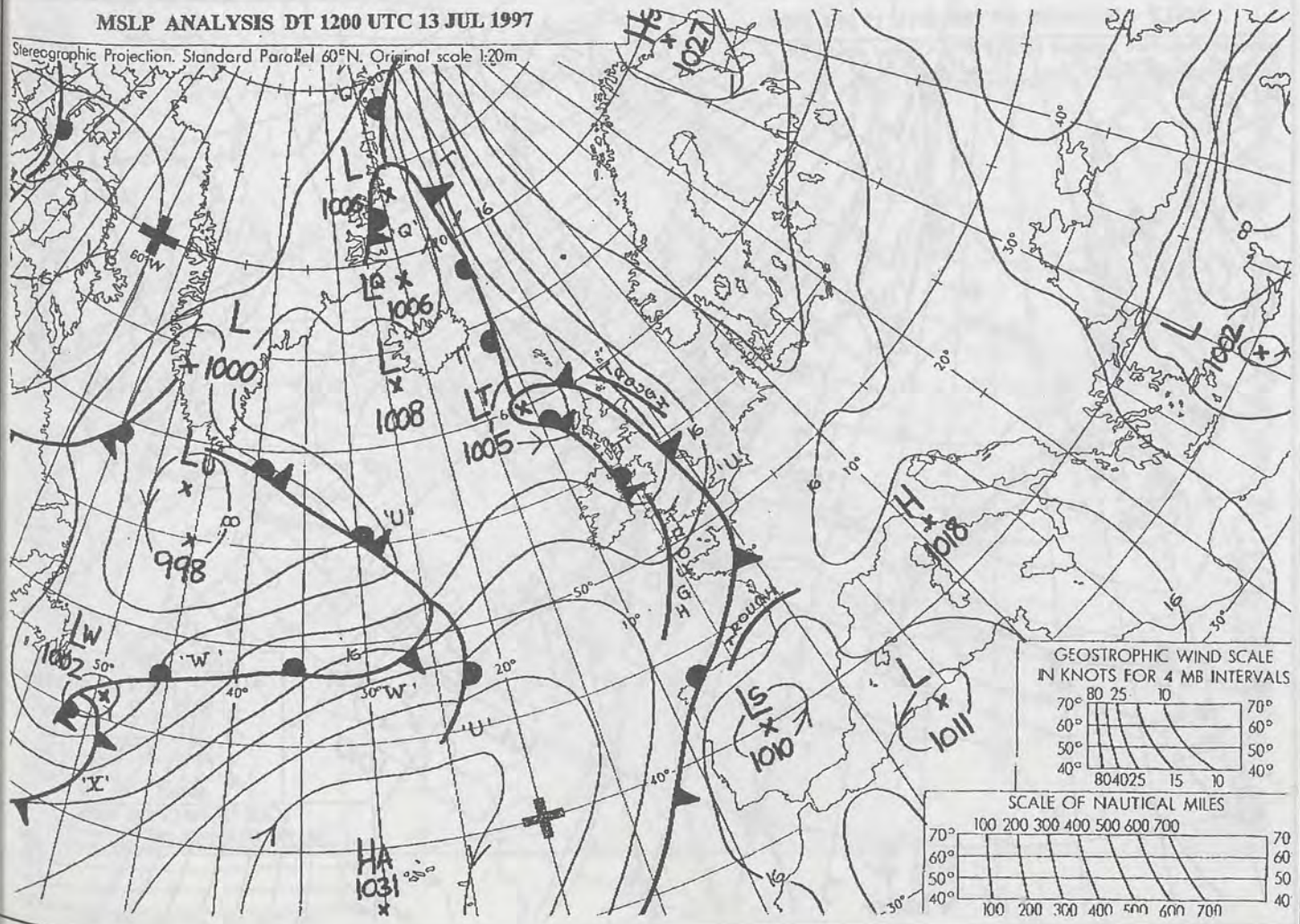
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SURFACE OBSERVATIONS



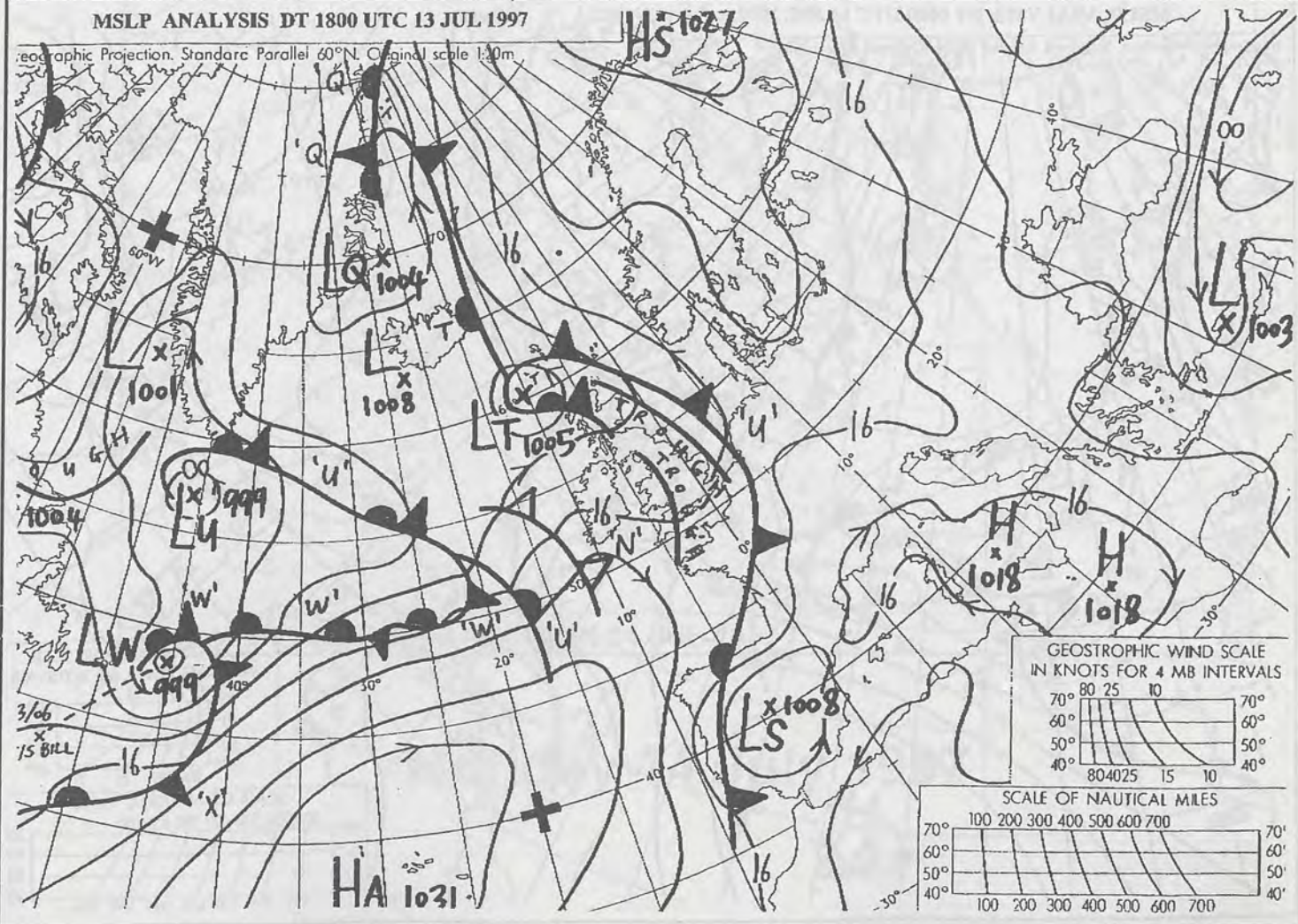
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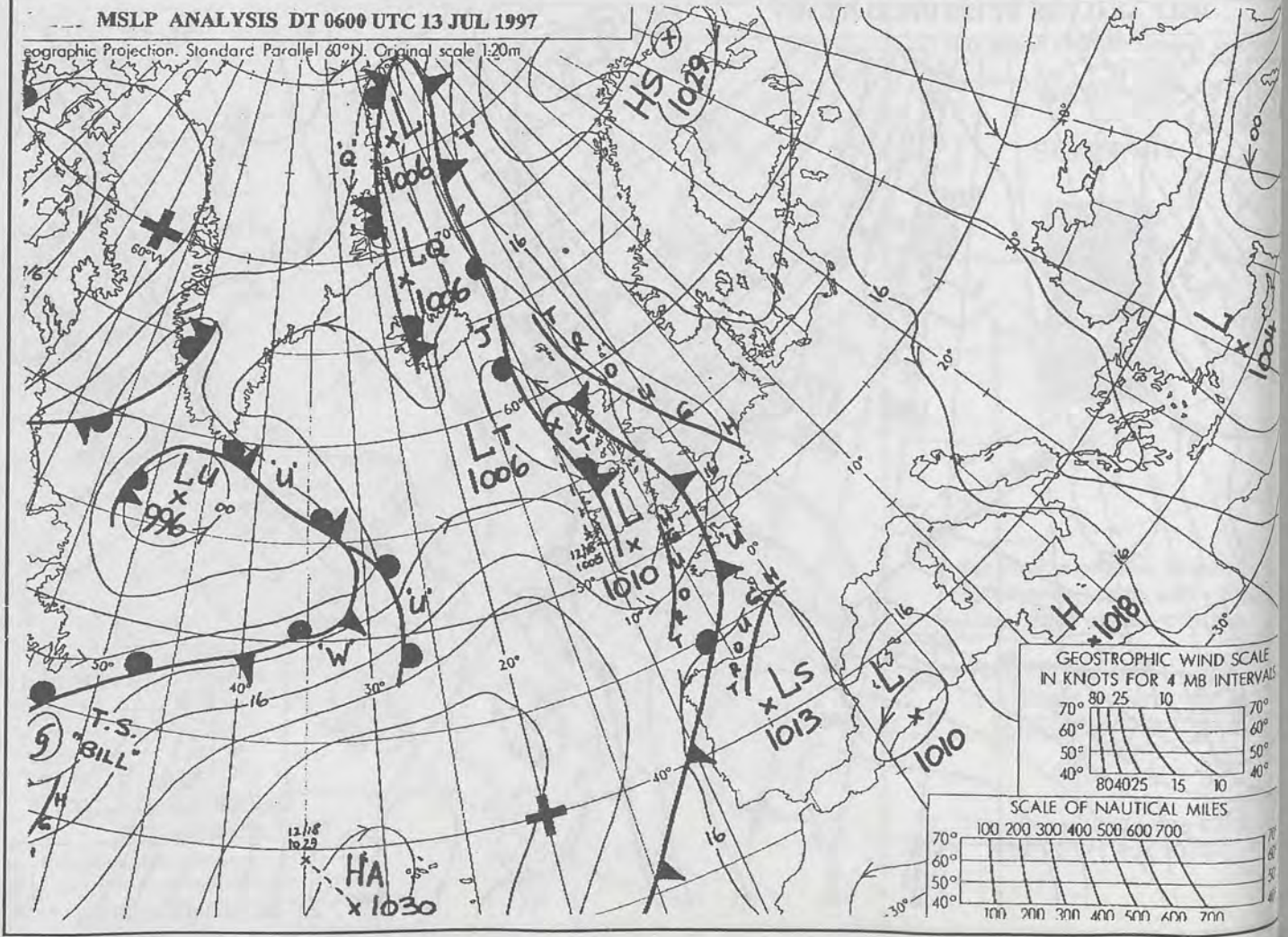
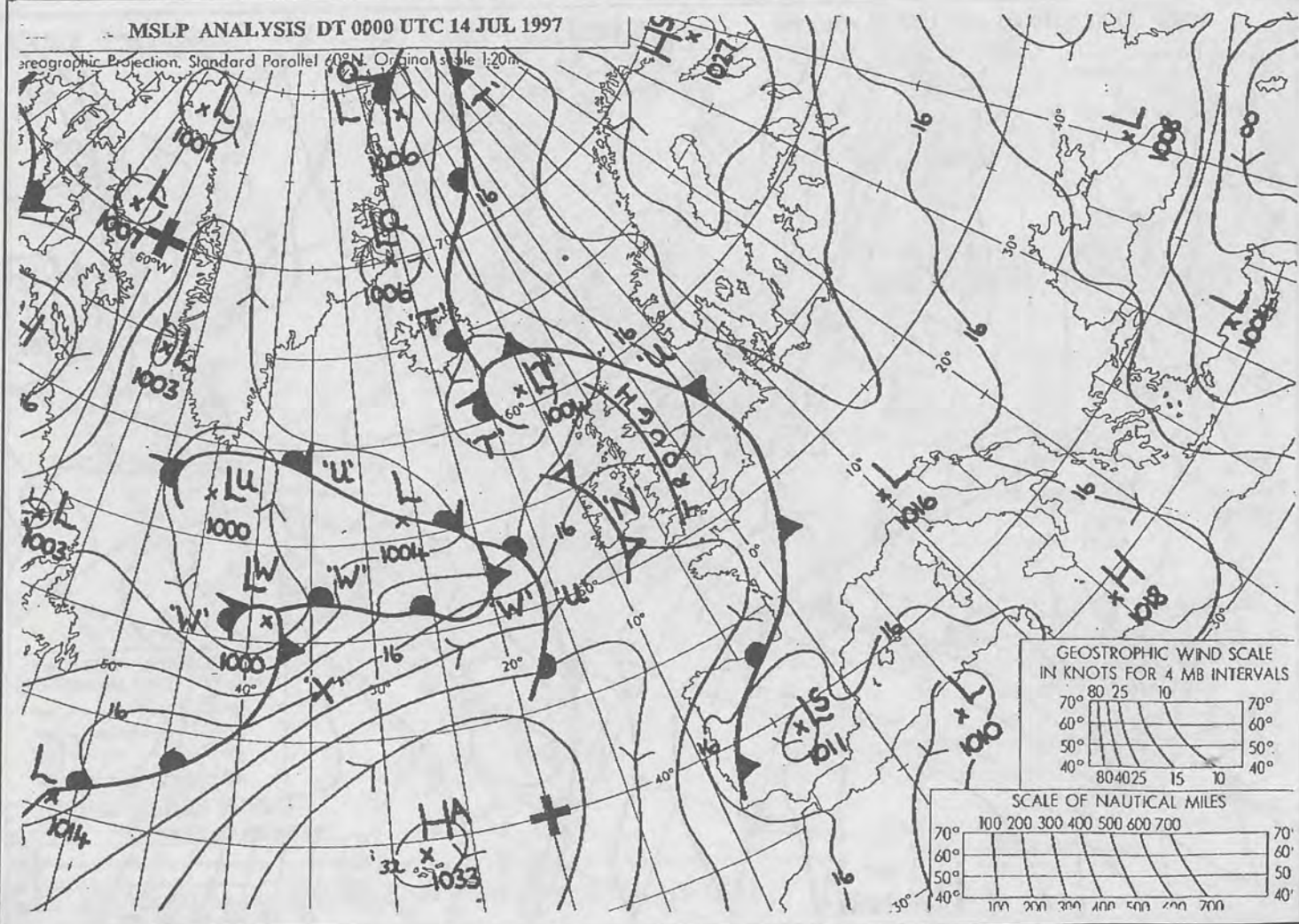
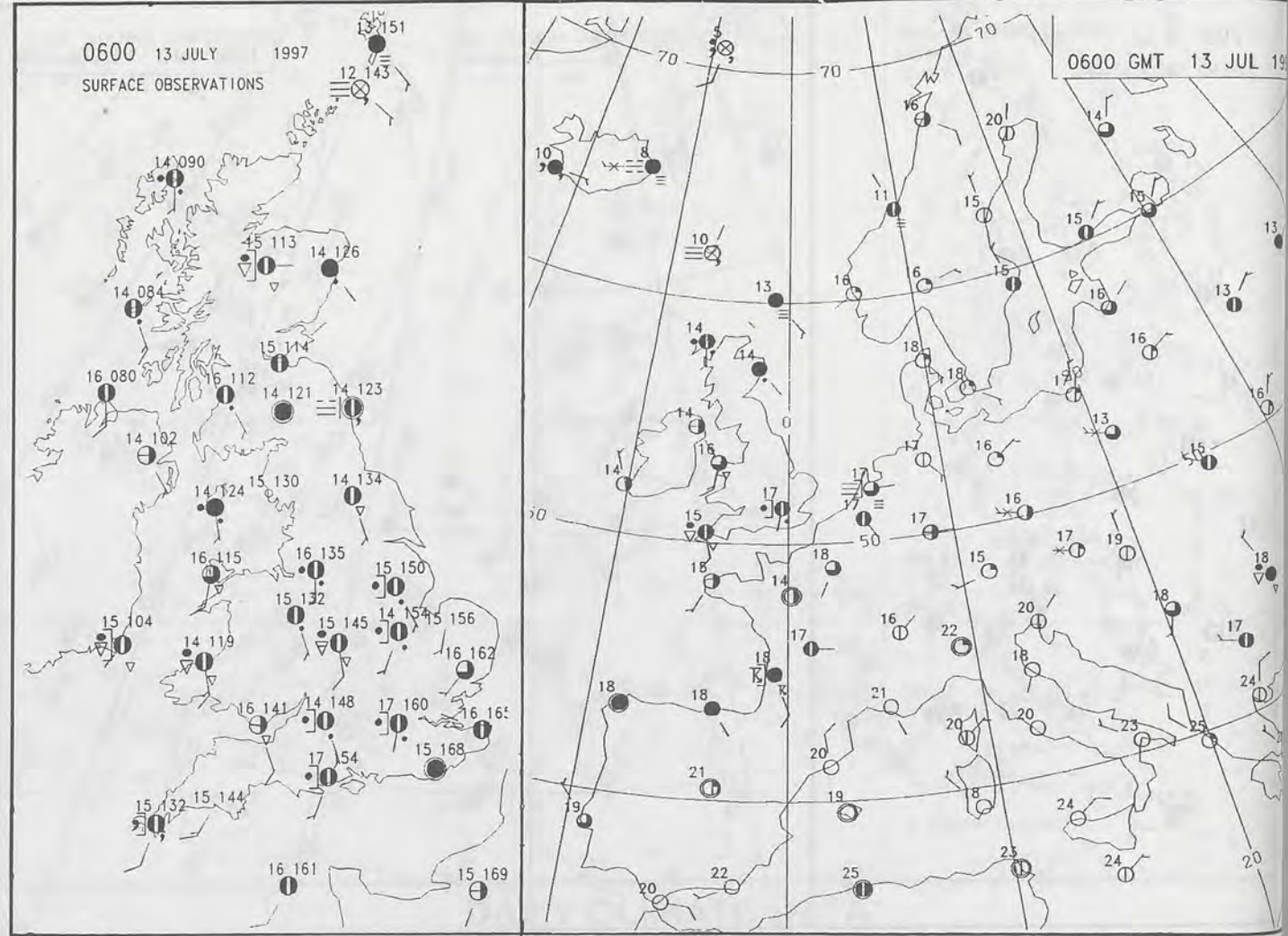
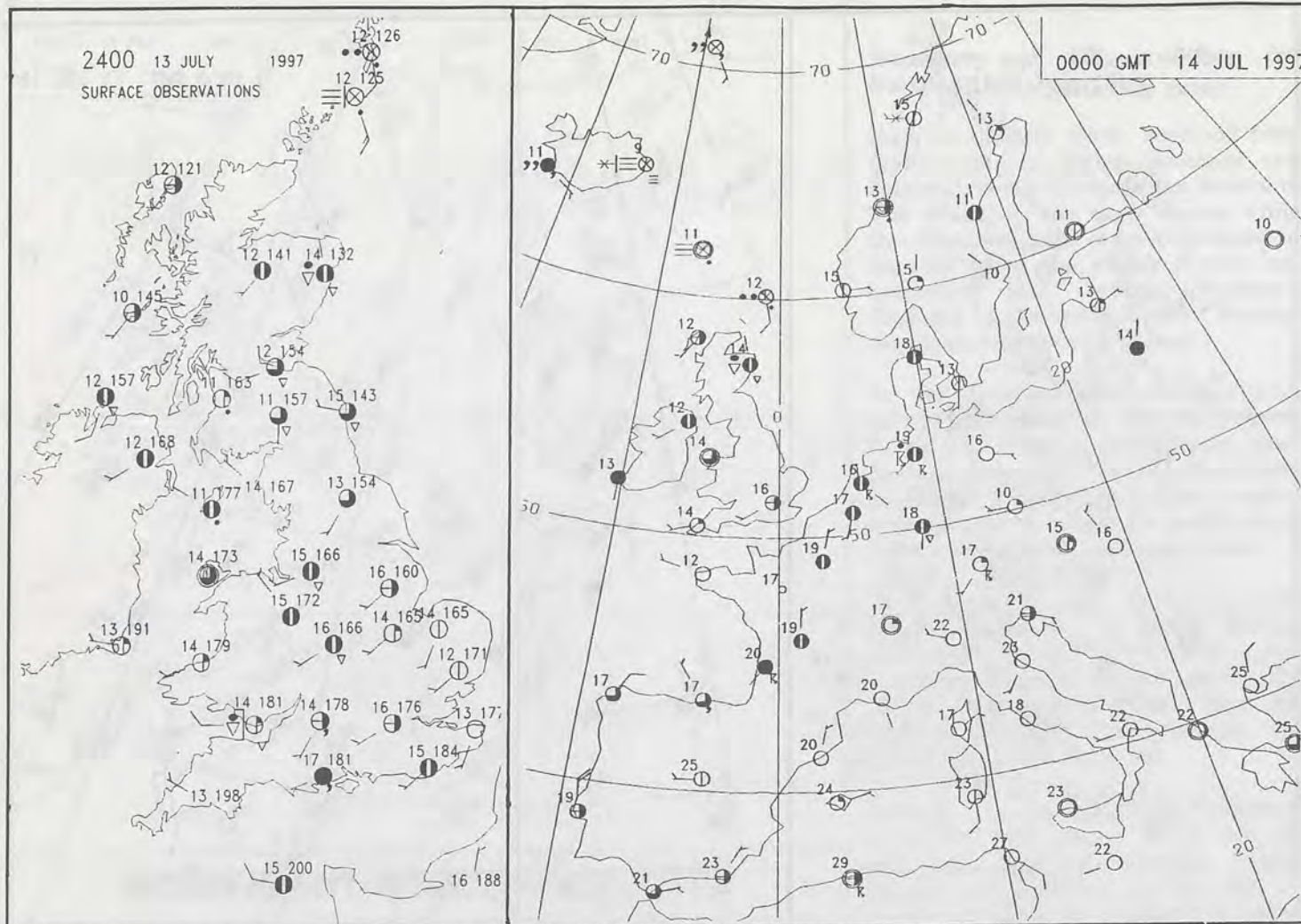
MSLP ANALYSIS DT 1200 UTC 13 JUL 1997



MSLP ANALYSIS DT 1800 UTC 13 JUL 1997



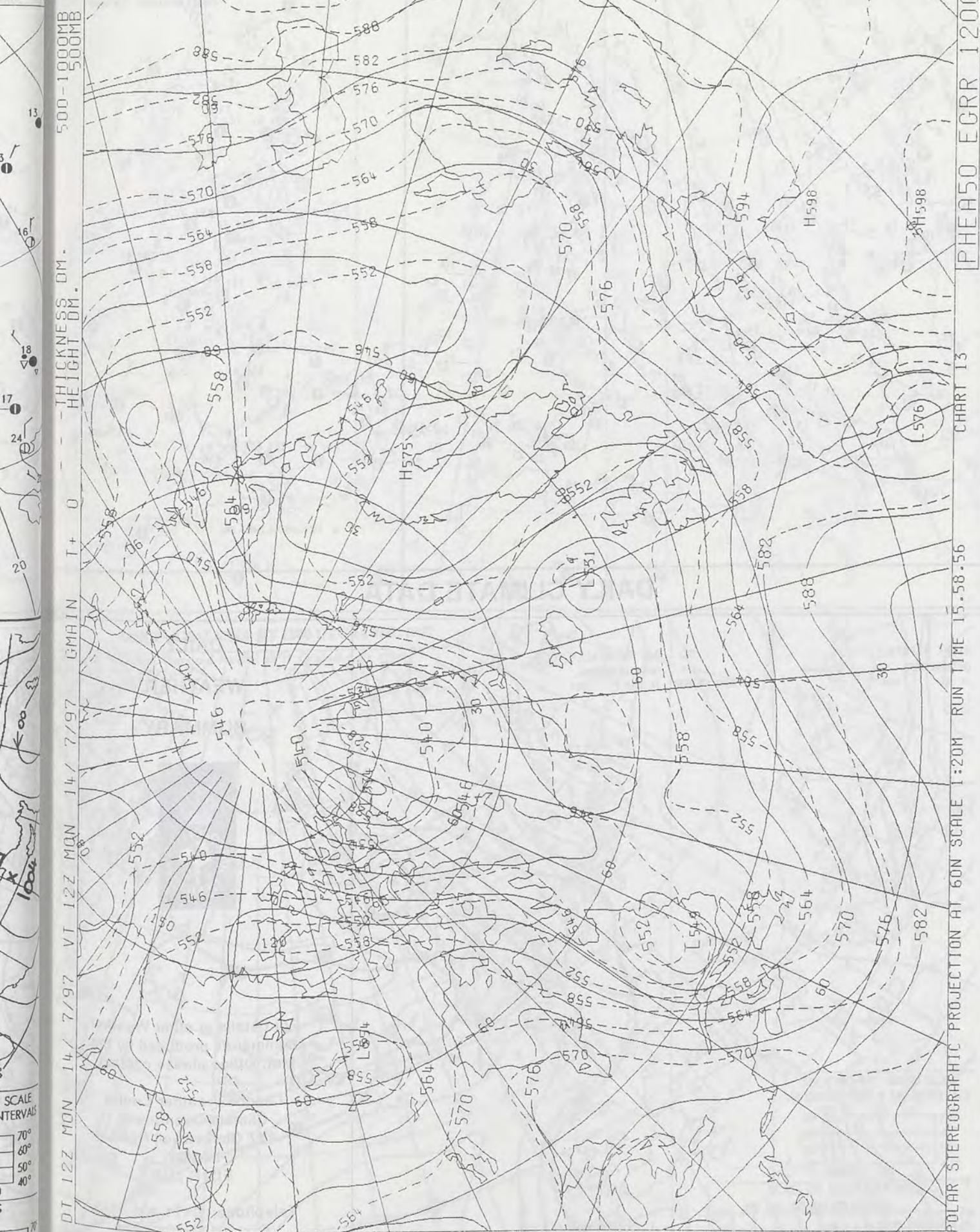




DT 122 MON 14/ 7/97 VT 122 MON 14/ 7/97 GMTIN T+ 0 THICKNESS DM. 500-1000MB HEIGHT DM.



JUL 19

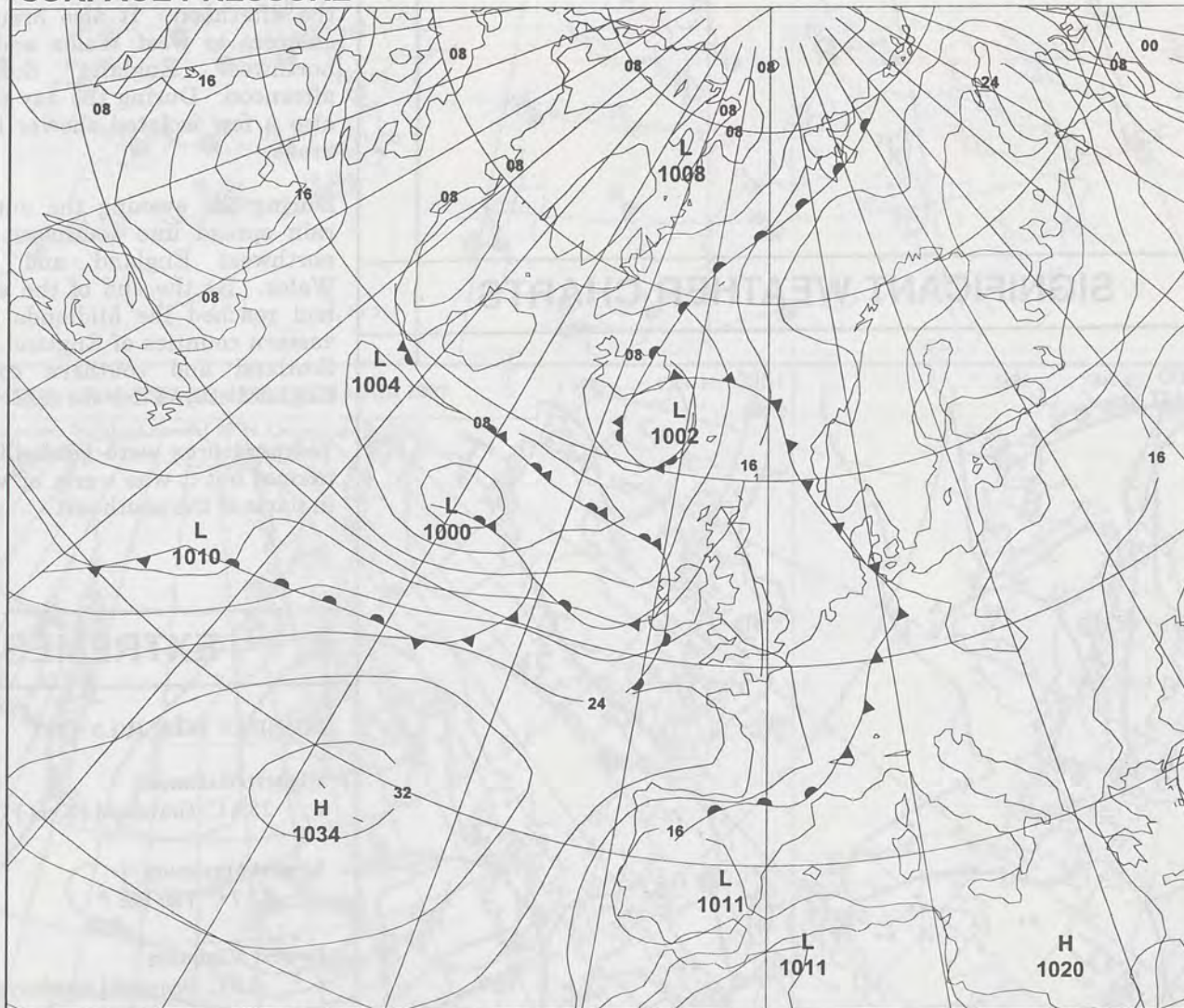


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METEOROLOGICAL  
24 JUL 1997  
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## The Daily Weather Summary

### SURFACE PRESSURE



ANALYSIS VALID 1200 UTC MON 14 JUL 1997

**Monday 14 July 1997**



0600 14 JULY 1997  
SIGWX



1200 14 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

2400 14 JULY 1997  
SIGWX



1800 14 JULY 1997  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Monday 14th July 1997

Although there were a few showers scattered around, most of the country had a dry night. It did turn misty in places though, especially in the southeast corner of England.

Many places had a dry, bright day with a good deal of sunshine although southeastern areas of England had to get rid of some early low cloud first. The sunshine in many areas became more hazy during the day as cloud spread in from the west. This cloud thickened up to bring a few outbreaks of rain to the Western Isles by the end of the morning and more general rain to much of Northern Ireland later in the afternoon. It also brought some showers to west Wales and parts of northwest England during the afternoon. During the day there were also a few isolated shower in eastern areas.

During the evening the outbreaks of rain spread into southwest Scotland, northwest England and much of Wales. By the end of the evening, it had reached the Midlands and some eastern counties of England. Much of Scotland and southern counties of England stayed dry though.

Temperatures were generally close to normal but it was warm or very warm in parts of the southeast.

## EXTREMES

### MONDAY 14TH JULY 1997

**Highest Maximum**  
: 25.4 C Gravesend [ Kent ]

**Lowest Maximum**  
: 13.7 C Fair Isle

**Lowest Minimum**  
: 4.9 C Saughall [ Strathclyde ]

**Lowest Grass Minimum**  
: 2.2 C Saughall

**Most Rain (24 hrs from 0900 GMT)**  
: 5.6mm Carmoney [ Co.Londonderry ]

**Most Sunshine**  
: 12.2 hrs Guernsey Airport

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
14 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
14 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
14 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
14 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
14 JULY 1997



## DAILY WEATHER SUMMARY



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Fax: 0171 404 4314



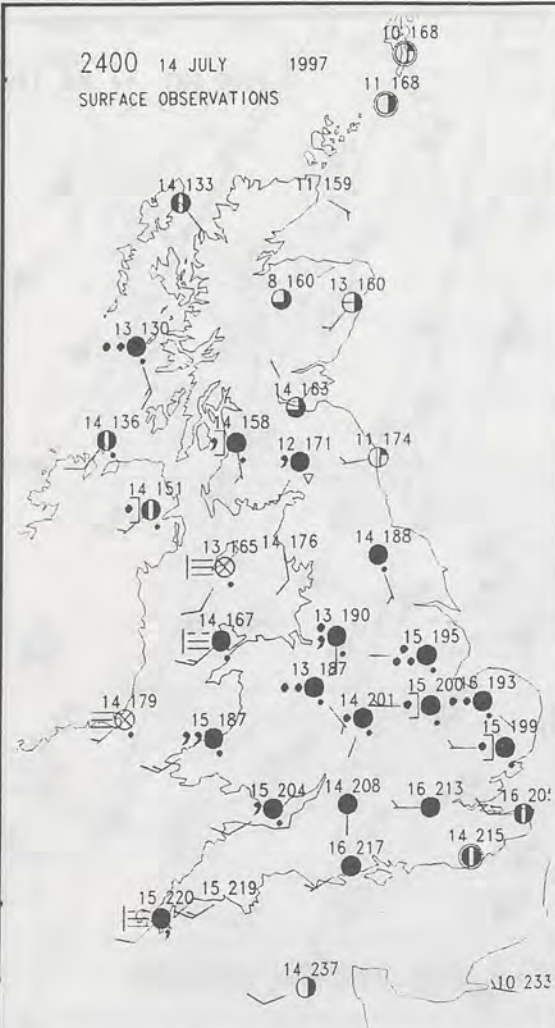




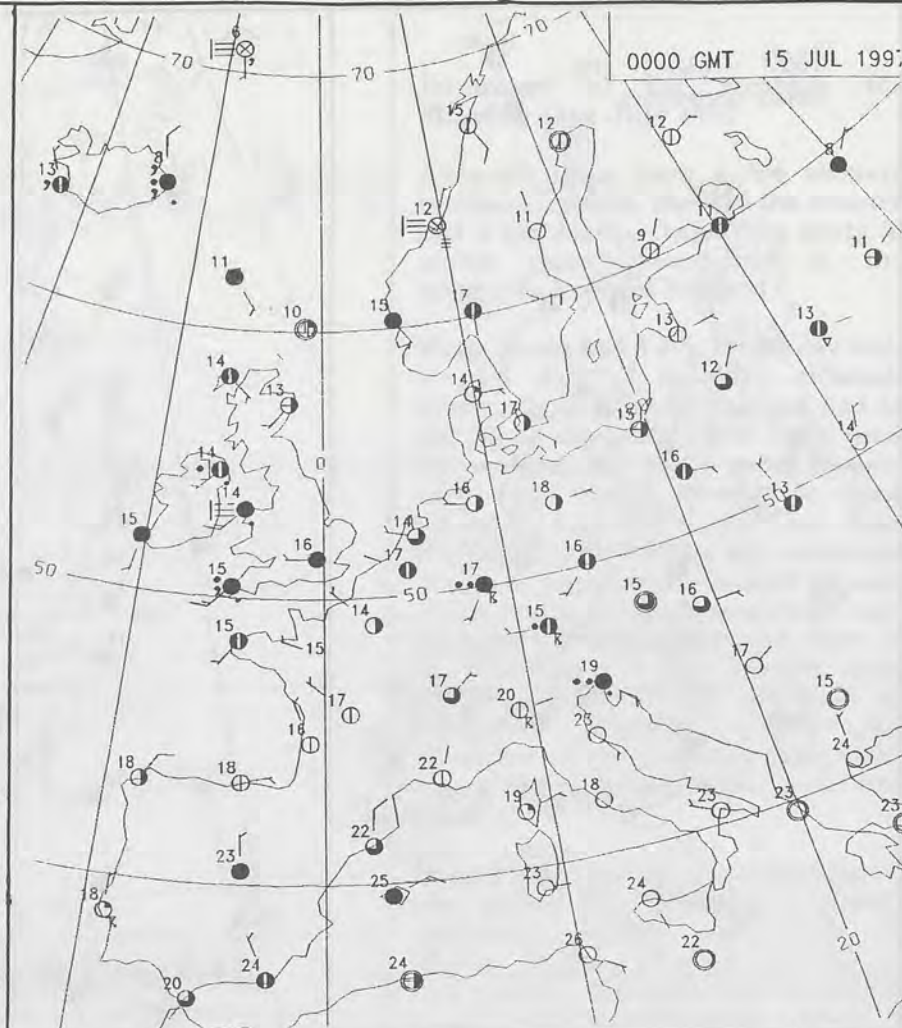
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DUPLICATE ALSO

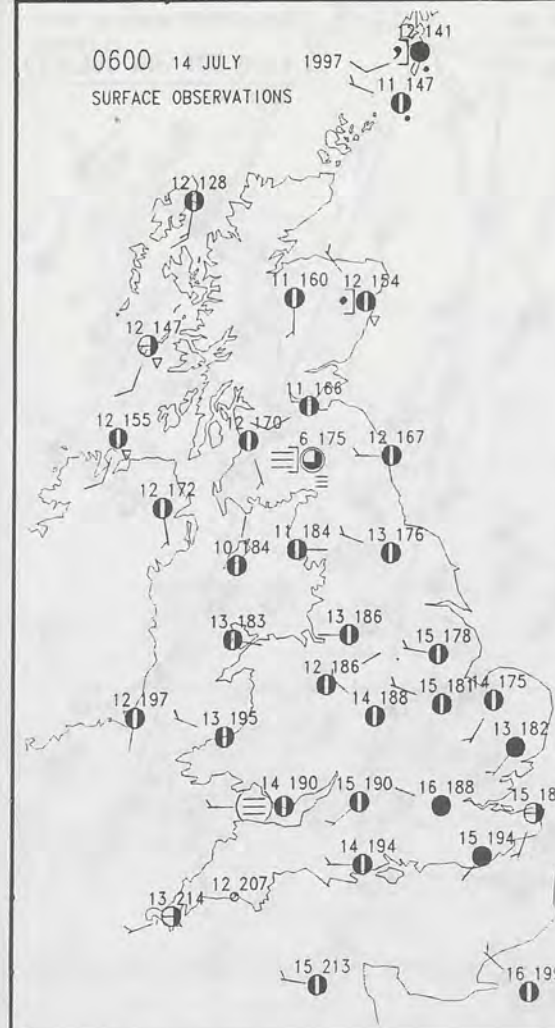
2400 14 JULY 1997  
SURFACE OBSERVATIONS



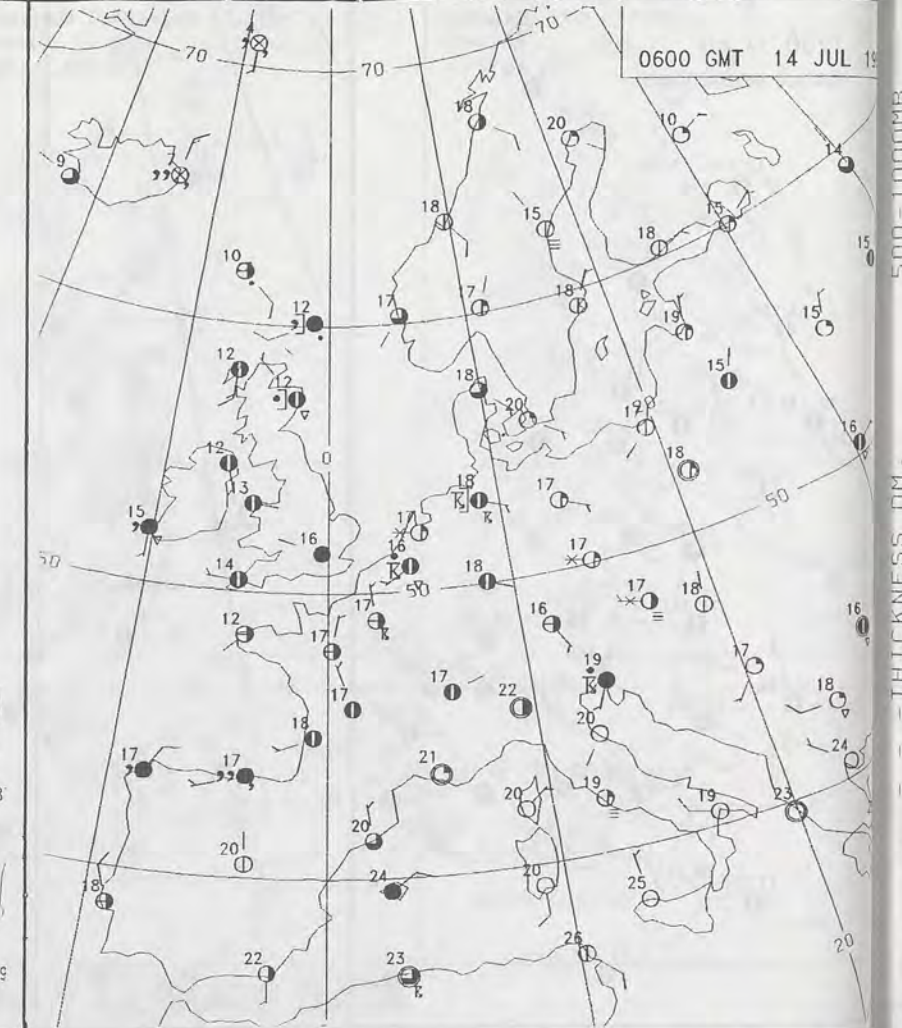
0000 GMT 15 JUL 1997



0600 14 JULY 1997  
SURFACE OBSERVATIONS

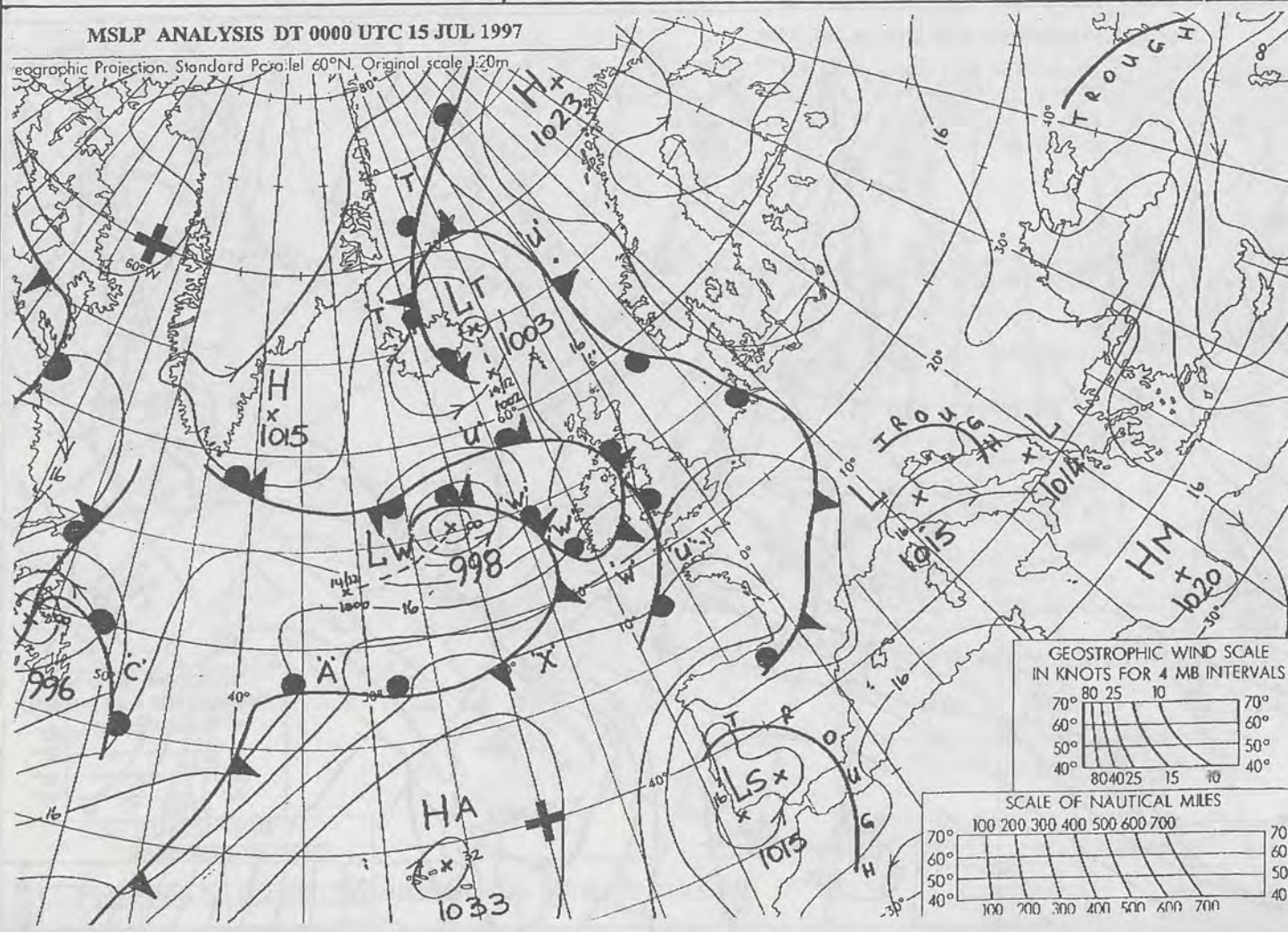


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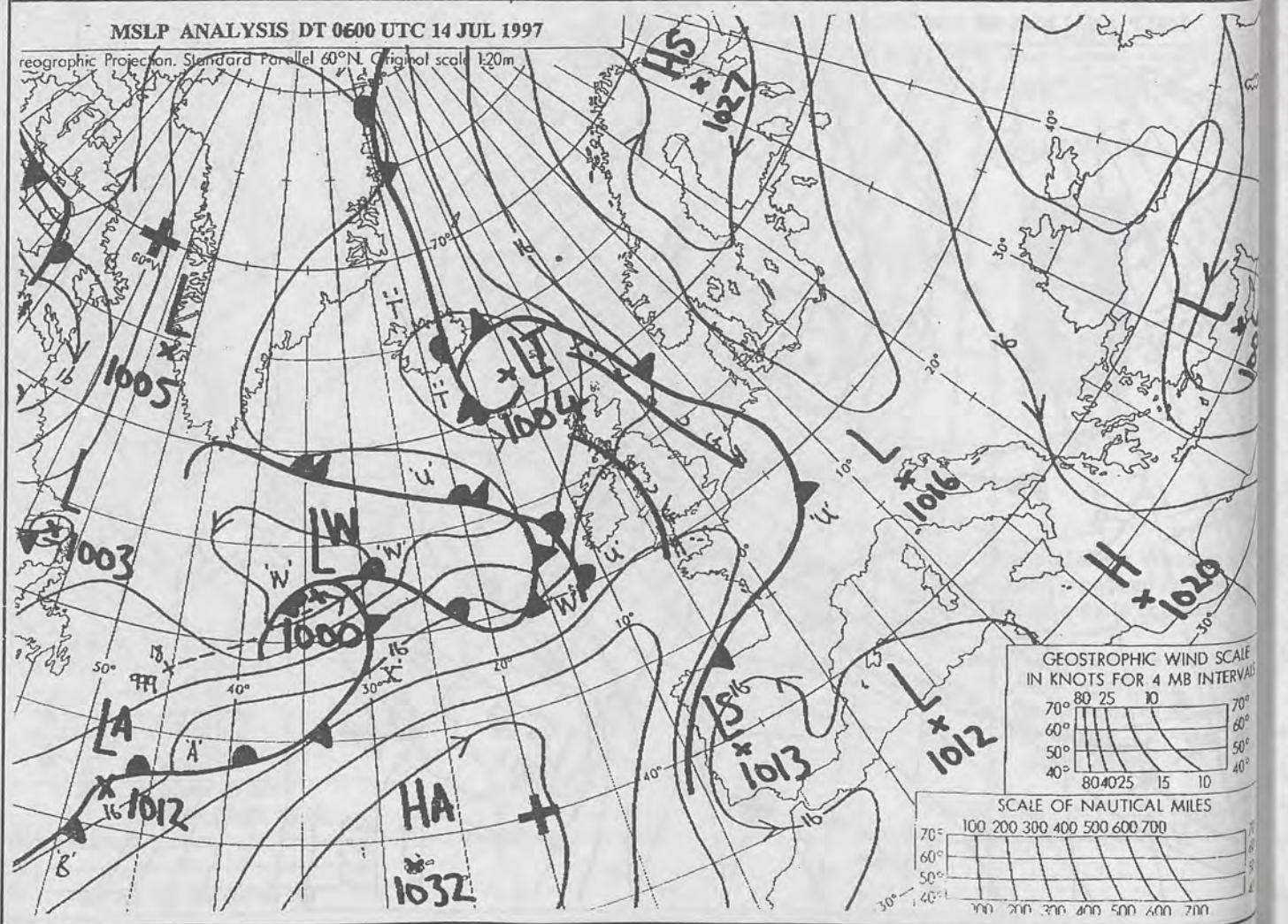
MSLP ANALYSIS DT 0000 UTC 15 JUL 1997

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



MSLP ANALYSIS DT 0600 UTC 14 JUL 1997

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



DT 12Z TUES 15/ 7/97 VT 12Z TUES 15/ 7/97 GRAIN T+ 0 THICKNESS DM. 500-1000MB HEIGHT DM. 500



JUL 19

500-1000MB  
500MB

THICKNESS DM.  
HEIGHT DM.

T+ 0  
GMAIN

VT 12Z TUES 15/ 7/97

DT 12Z TUES 15/ 7/97

SCALE  
INTERVALS

70°  
60°  
50°  
40°



PHEA50 EGRR 1200Z

CHART 13

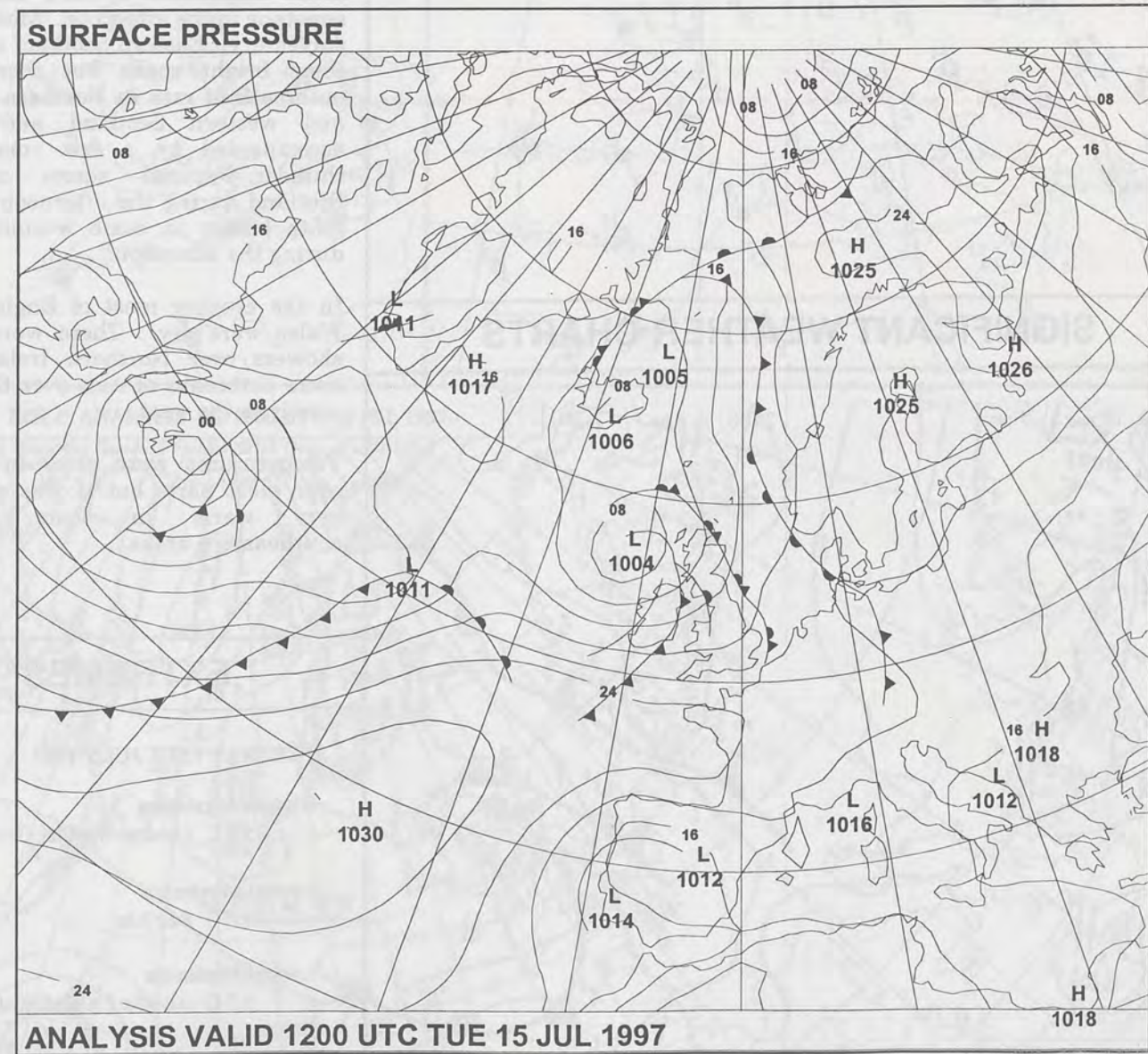
POLAR STEREOGRAPHIC PROJECTION AT 60N SCALE 1:20M RUN TIME 15.44.54



The Met. Office

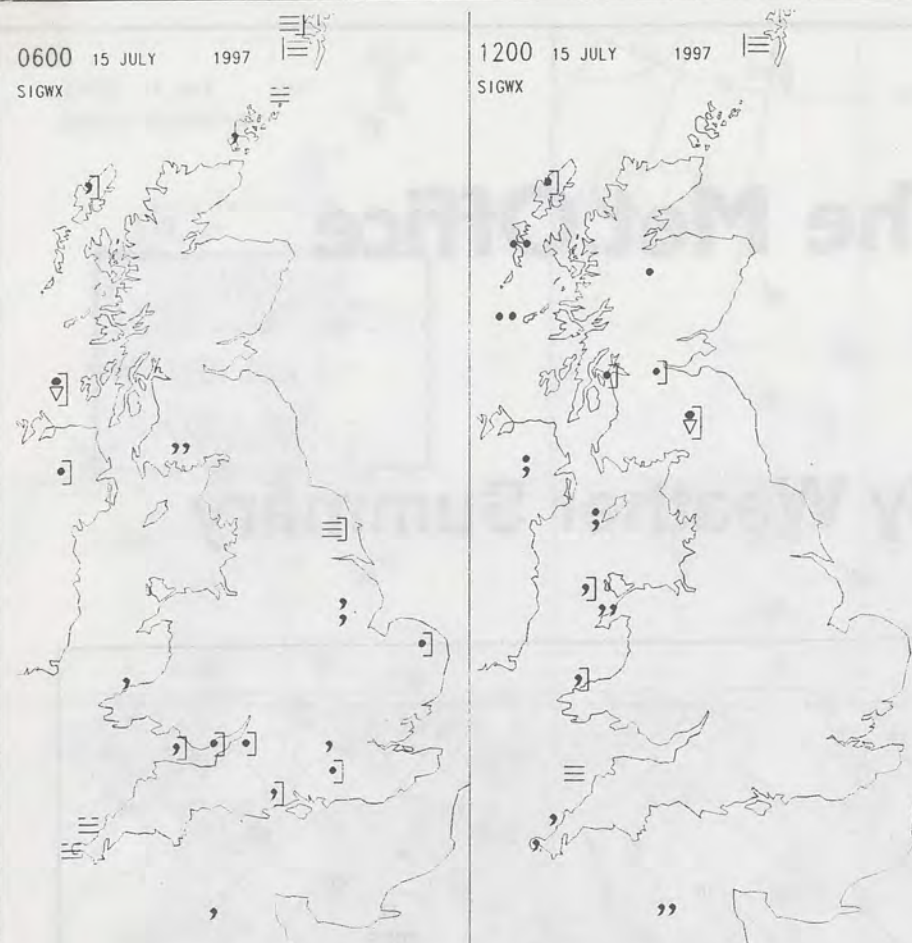
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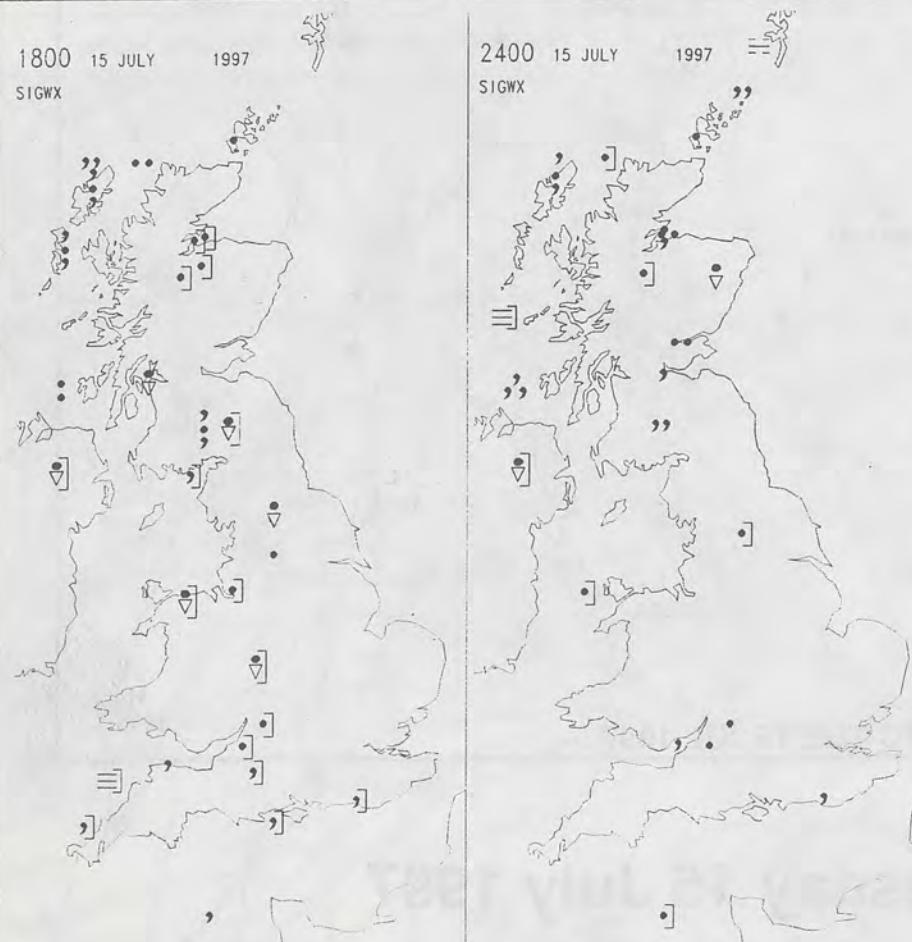


Tuesday 15 July 1997





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Tuesday 15th July 1997

Most of the country had a cloudy night although there were some clear slots in northeast England and eastern Scotland. Outbreaks of rain affected parts of central and eastern England. There was also some drizzle in western coastal areas and, later in the night, in southern counties of England. It was misty in places too.

During the morning, the mist and drizzle over England and Wales became mostly confined to western and southern coasts. Central and eastern areas brightened up and had some sunshine in the afternoon. Most places stayed dry. Eastern Scotland also had some bright spells but there were outbreaks of rain in Northern Ireland and western Scotland and these, accompanied by a few rumbles of thunder, spread across northern Scotland during the afternoon. It was quite breezy in some western areas during the afternoon.

In the evening most of England and Wales were dry. There were a few showers over Northern Ireland and some outbreaks of rain over Scotland, mostly in the west.

Temperatures were close to normal over most parts but it was warm or very warm in some brighter southeastern areas.

## EXTREMES

### TUESDAY 15TH JULY 1997

**Highest Maximum**  
: 25.6 C London Weather Centre

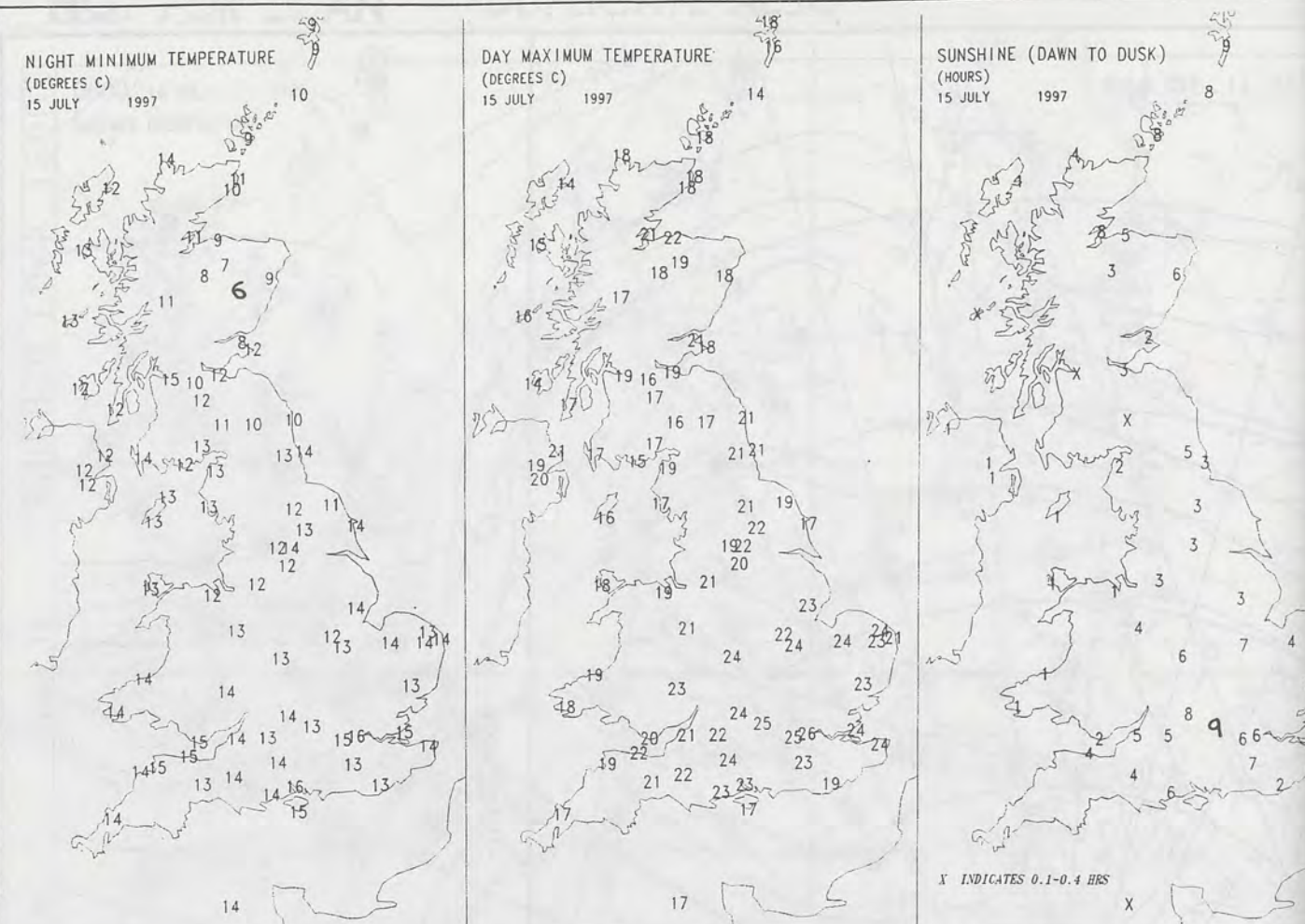
**Lowest Maximum**  
: 13.6 C Fair Isle

**Lowest Minimum**  
: 5.7 C Aboyne [ Aberdeenshire ]

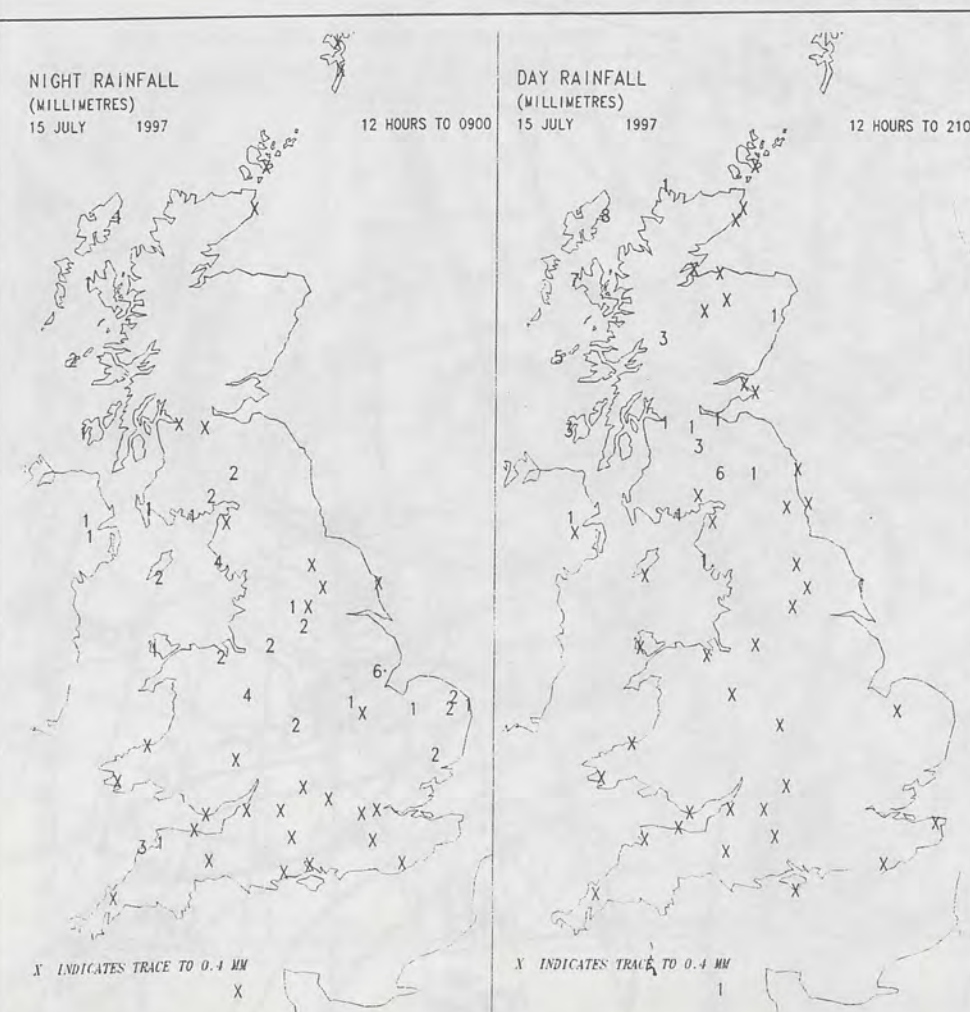
**Lowest Grass Minimum**  
: 2.0 C Aberdeen / Dyce Airport

**Most Rain (24 hrs from 0900 GMT)**  
: 11.2mm Kilmory [ Highland ]

**Most Sunshine**  
: 9.1 hrs Oxford



## DAILY CLIMATE DATA



## DAILY WEATHER SUMMARY



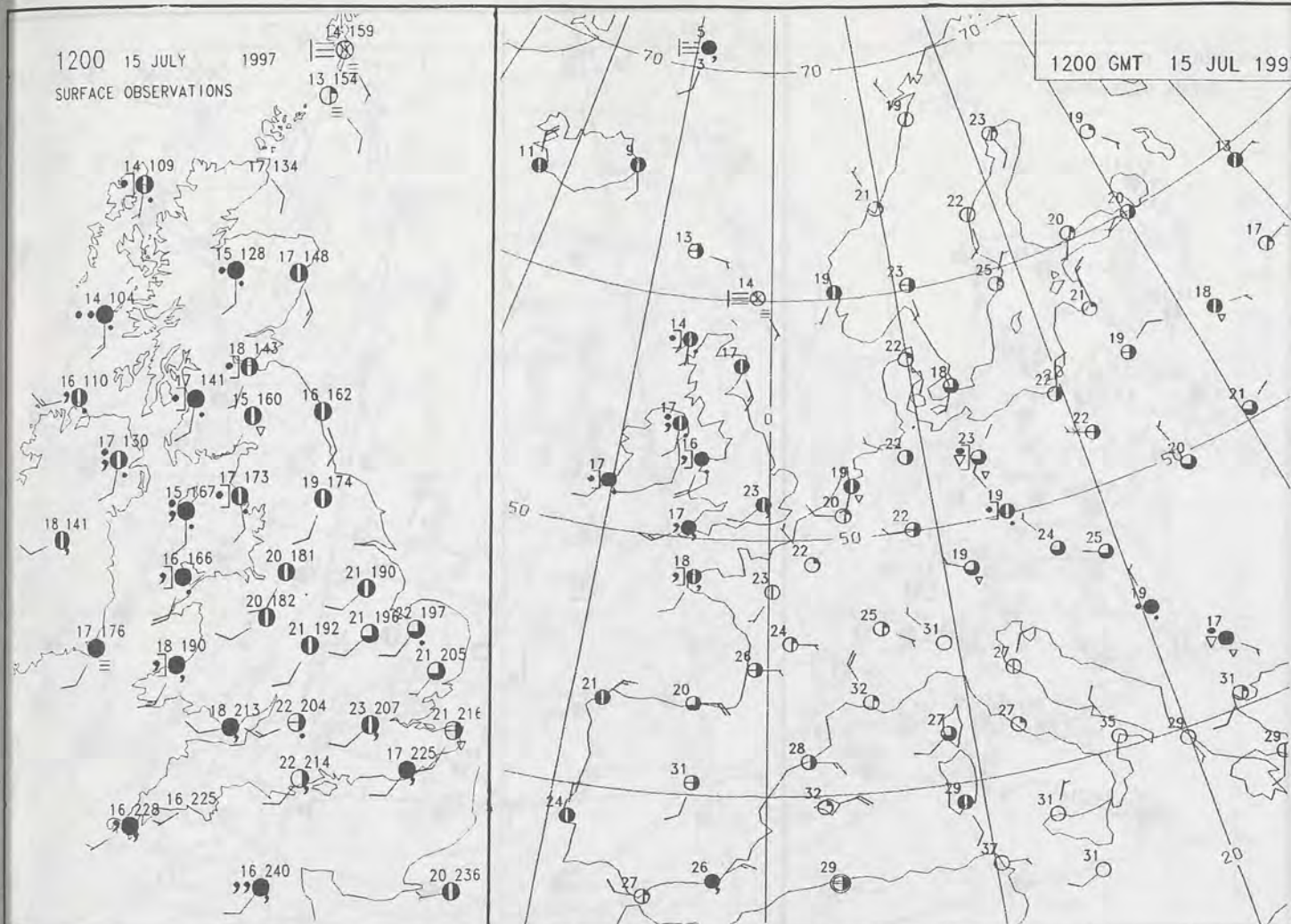
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Fax: 0171 404 4314

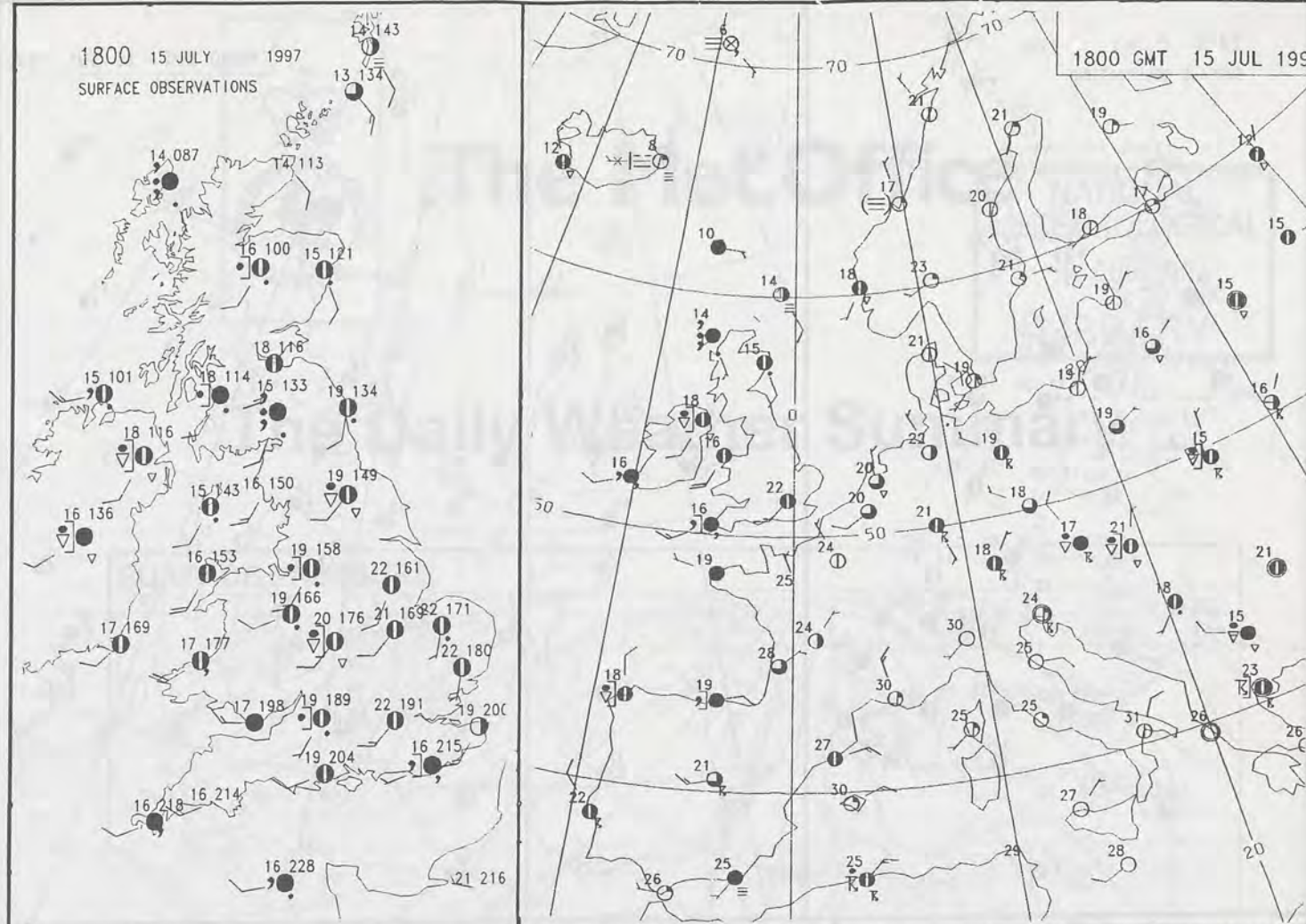


1200 15 JULY 1997  
SURFACE OBSERVATIONS



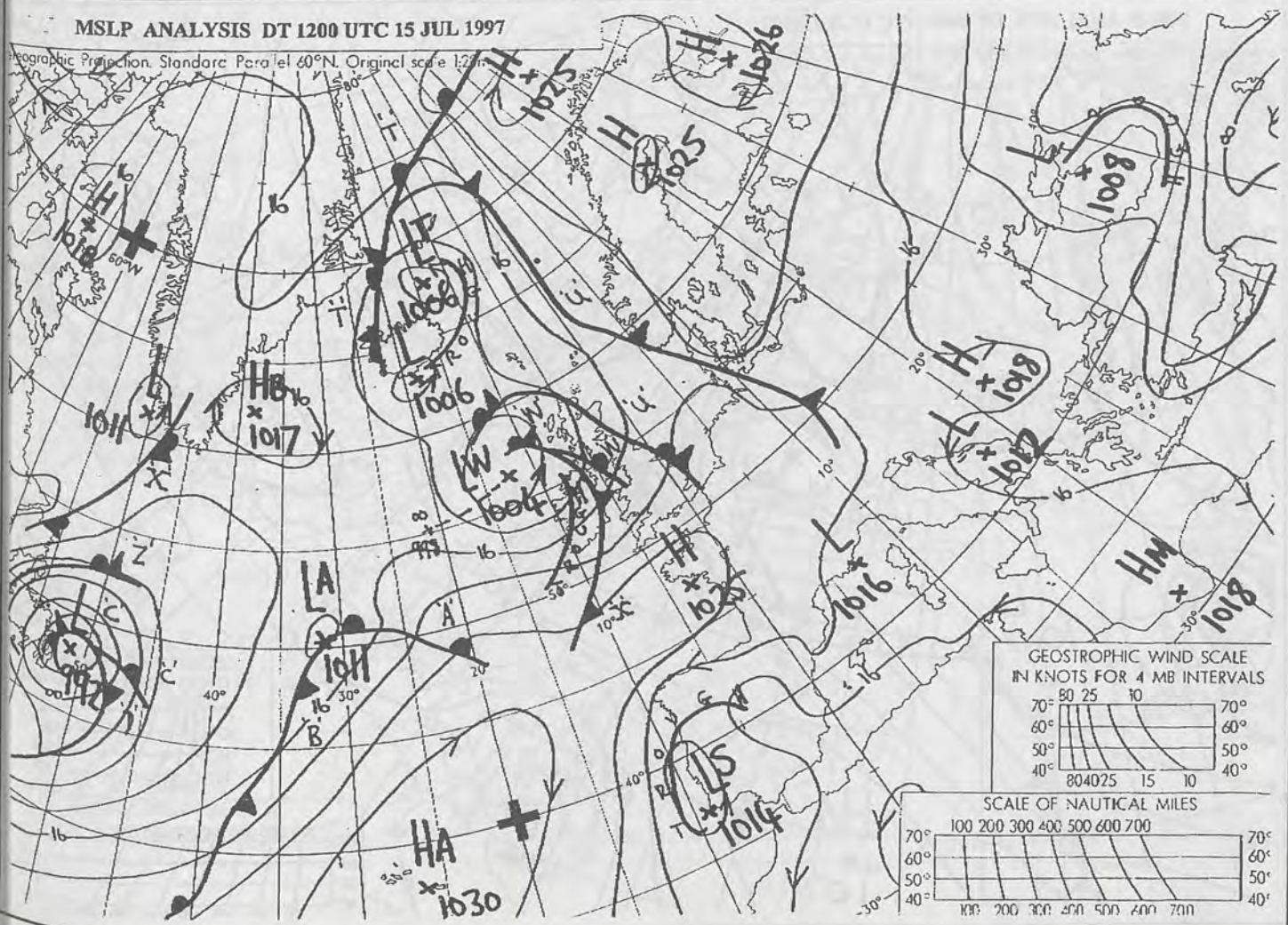
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1800 15 JULY 1997  
SURFACE OBSERVATIONS

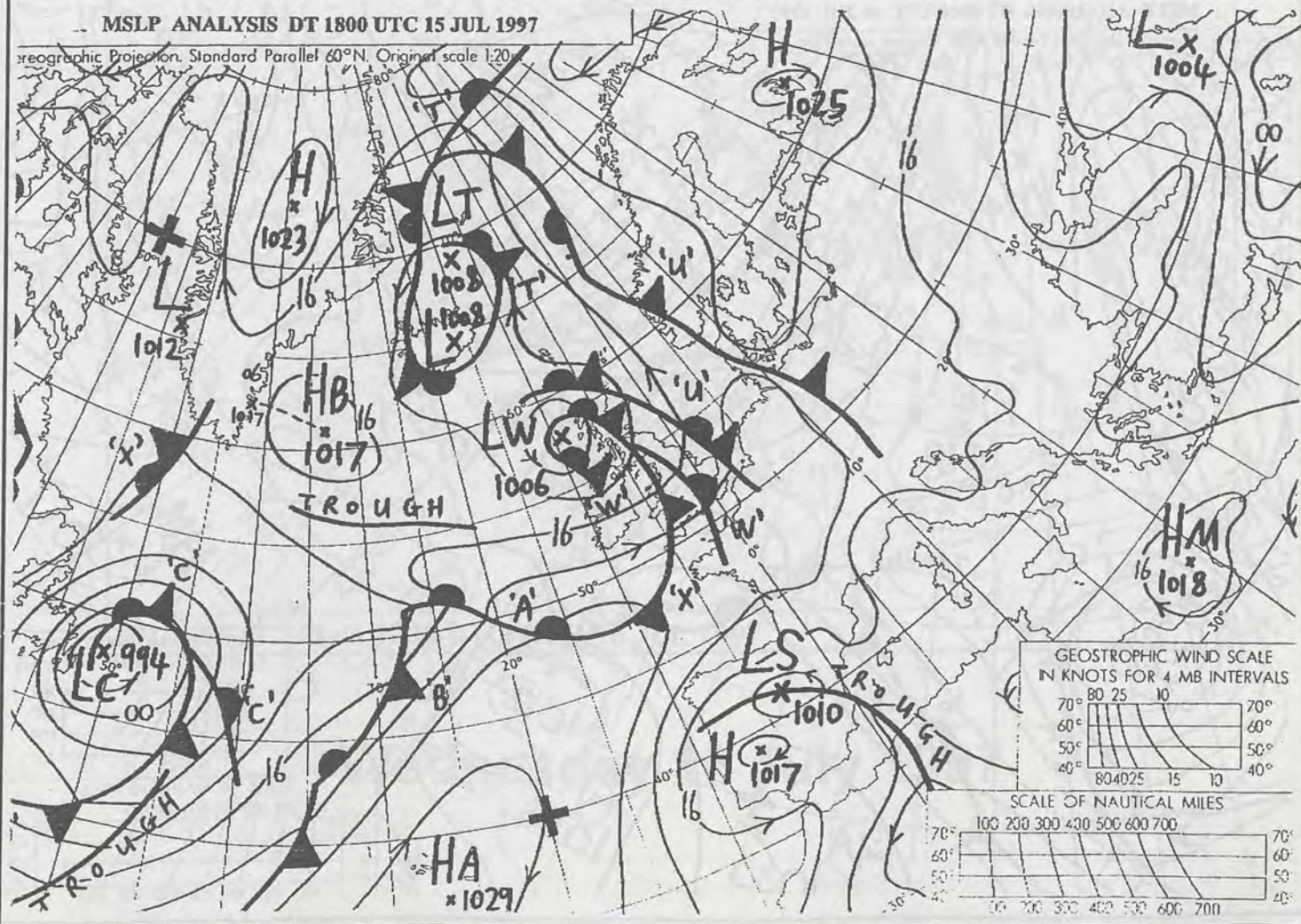


1800 GMT 15 JUL 1997

MSLP ANALYSIS DT 1200 UTC 15 JUL 1997

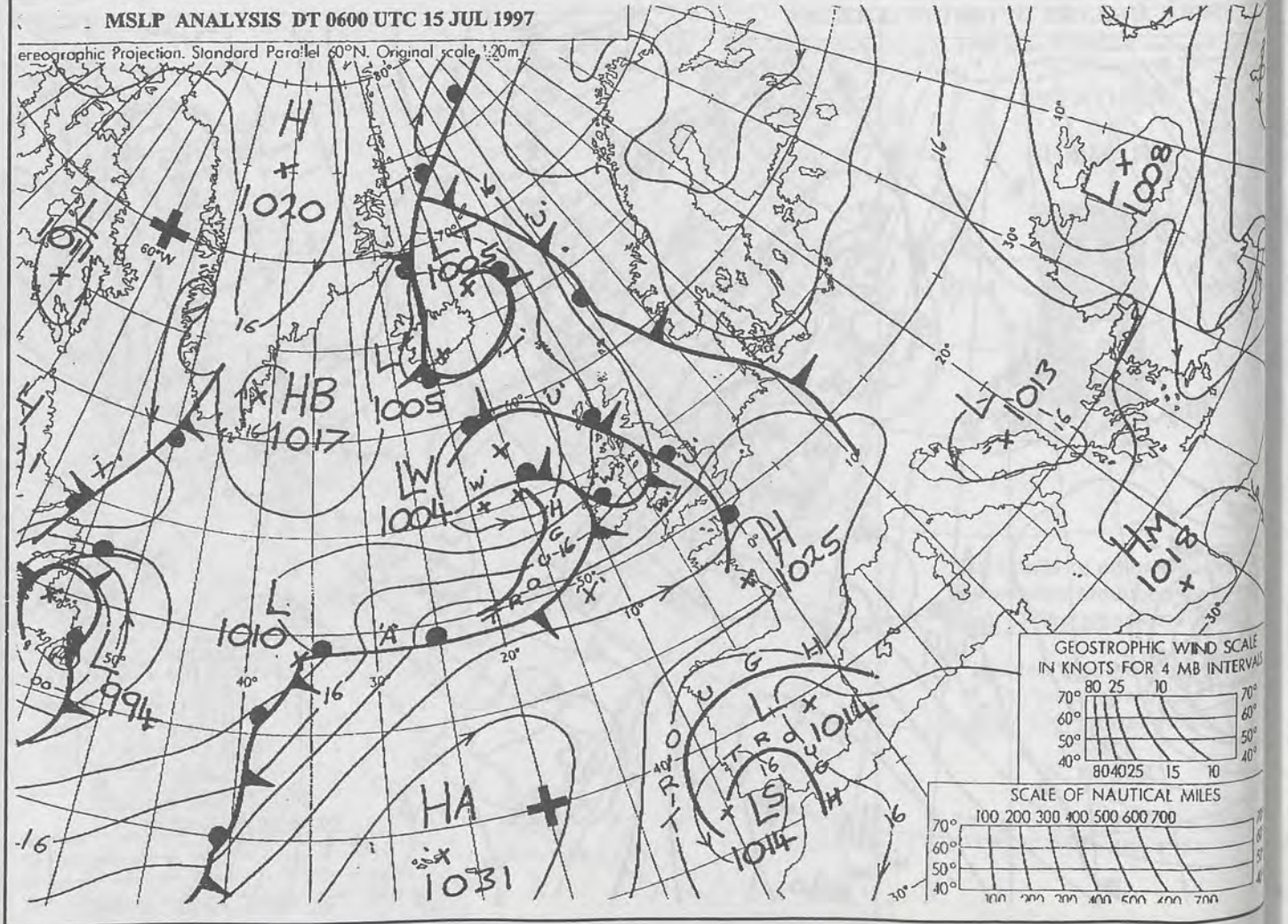
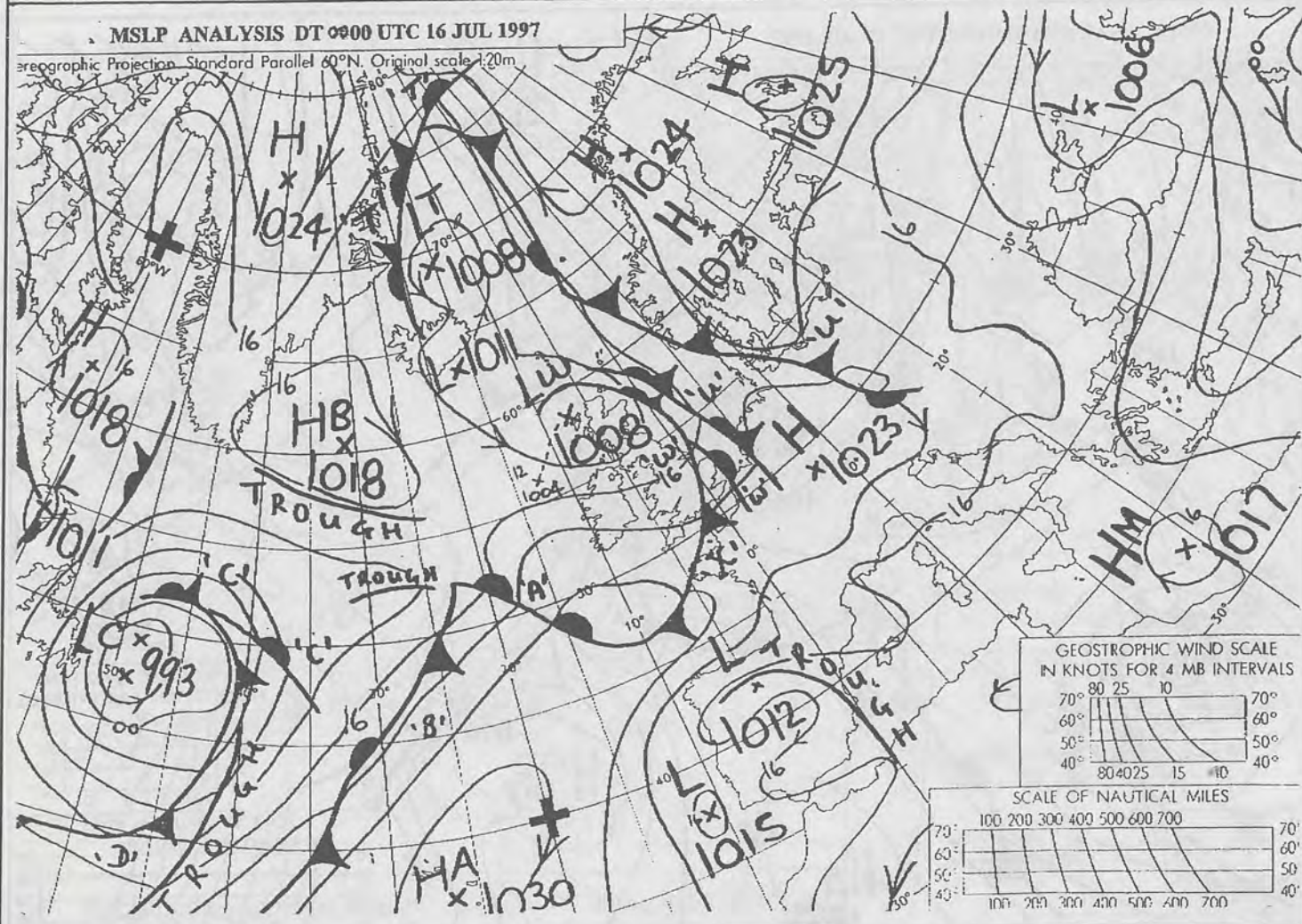
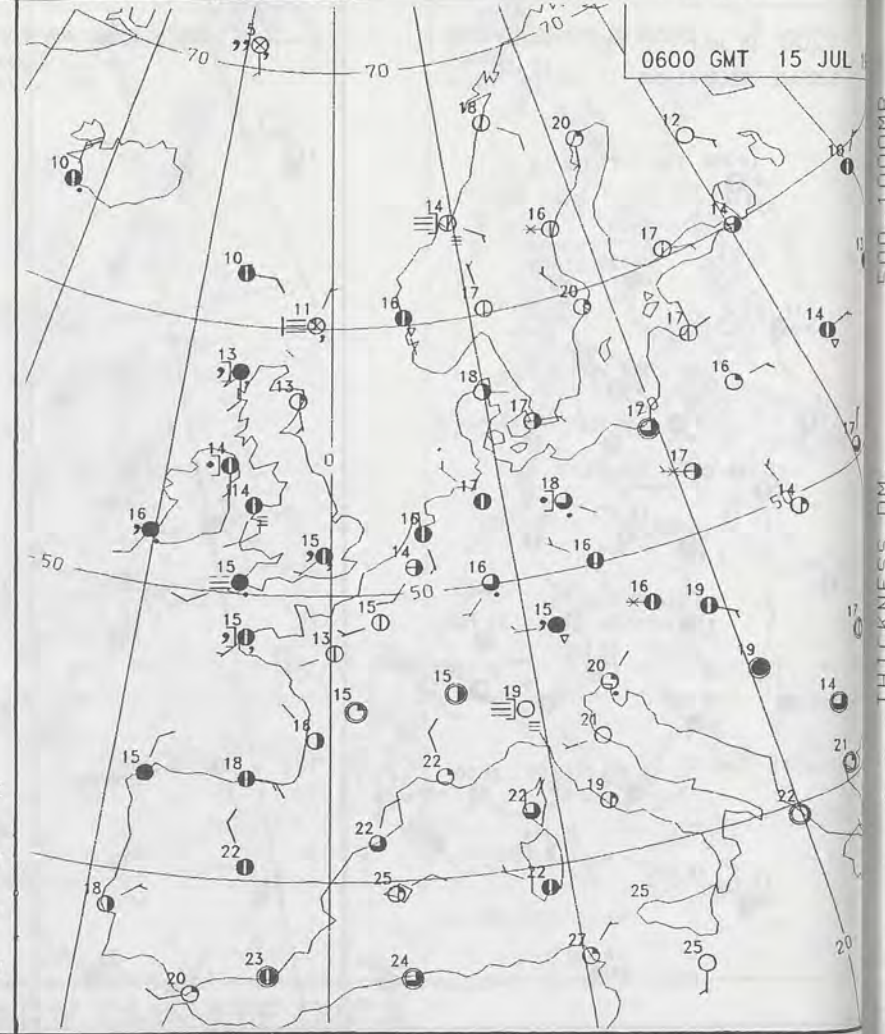
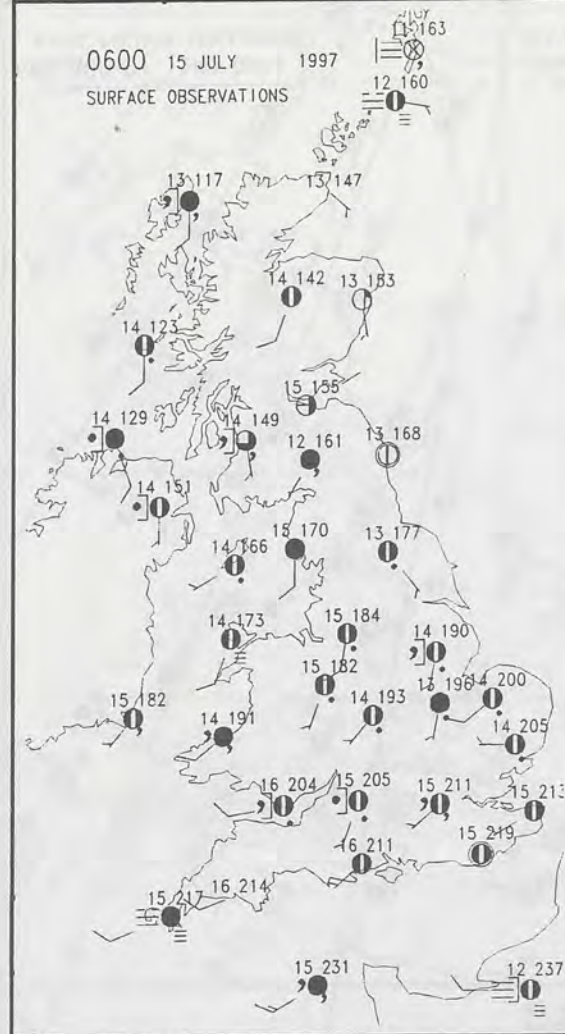
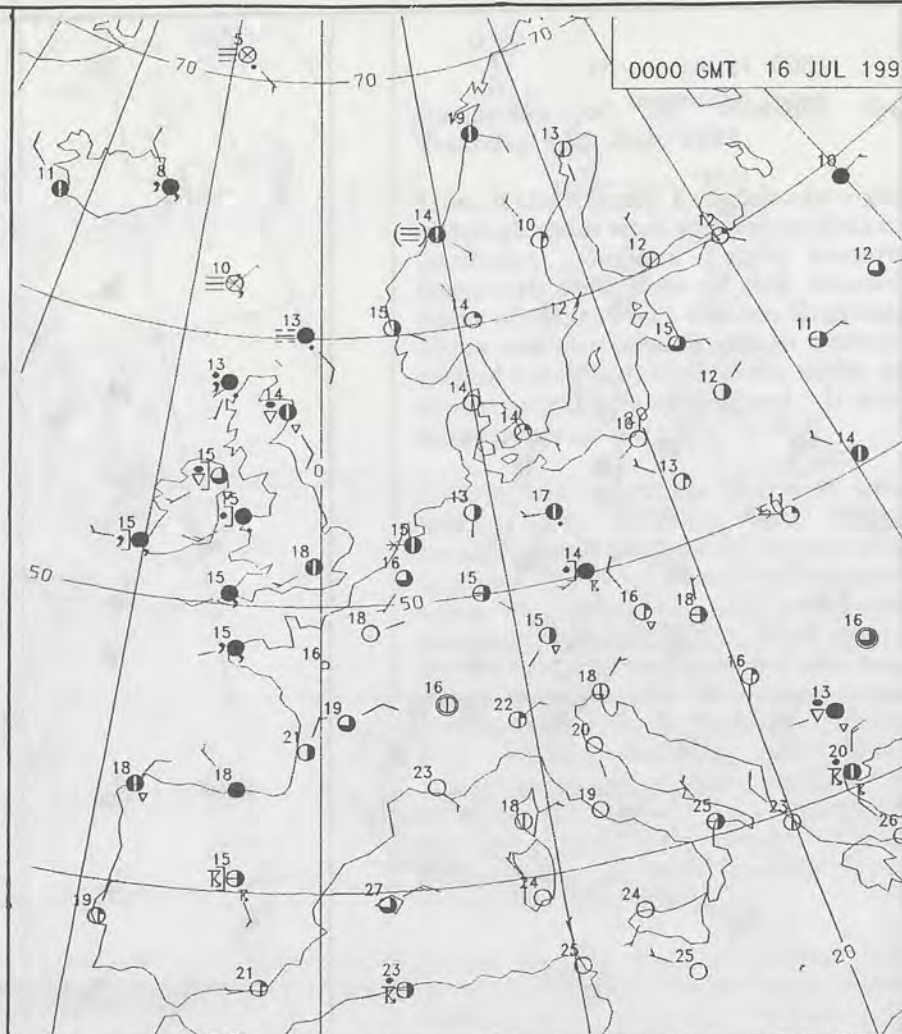


MSLP ANALYSIS DT 1800 UTC 15 JUL 1997





NOT FOR LOAN DUPLICATE ALSO



500-1000MB  
HEIGHT DM.  
T+ 0  
GMAIN  
16/ 7/97  
VT 122 WED



JUL

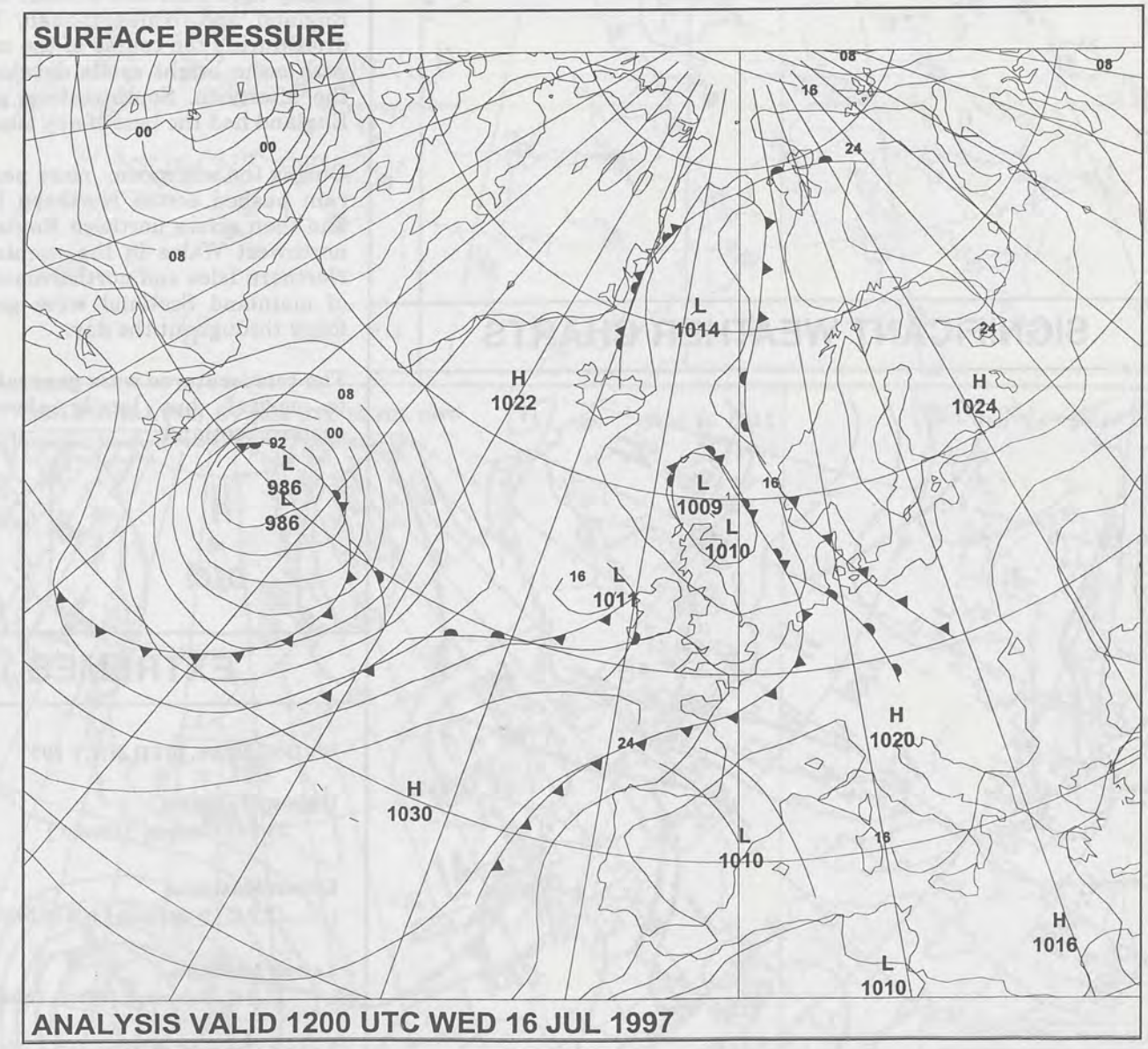
500-1000MB  
THICKNESS DM.  
HEIGHT DM.  
T+ 0  
GMAIN T+ 0  
16/ 7/97  
VT 12Z WED  
DT 12Z WED  
SCALE  
INTERVALS  
70°  
60°  
50°  
40°  
0°  
S



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- 4 AUG 1997  
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## The Daily Weather Summary



### Wednesday 16 July 1997



0600 16 JULY 1997  
SIGWX



1200 16 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 16 JULY 1997  
SIGWX



2400 16 JULY 1997  
SIGWX



## Summary of UK weather for Wednesday 16th July 1997

Most parts had a cloudy night with patchy light rain or drizzle. The cloud was low enough to give hill fog in the west. Fog also affected the Northern Isles.

It was also a cloudy day for many places with further outbreaks of mostly light rain and drizzle. Much of England and Wales though, became drier during the course of the morning with some bright spells developing in the afternoon. Southwestern parts of England had the best of any sunshine.

During the afternoon, more persistent rain pushed across Northern Ireland, and then across northern England and northwest Wales in the evening. The Northern Isles and northernmost parts of mainland Scotland were generally foggy throughout the day.

The temperatures were generally close to normal, but locally above over eastern Scotland.

## EXTREMES

### WEDNESDAY 16TH JULY 1997

**Highest Maximum**  
: 23.2 C Torquay [ Devon ]

**Lowest Maximum**  
: 12.9 C Waterstein [ Isle of Skye ]

**Lowest Minimum**  
: 11.0 C Salsburgh [ North Lanarkshire ]

**Lowest Grass Minimum**  
: 9.6 C Whitby [ North Yorkshire ]

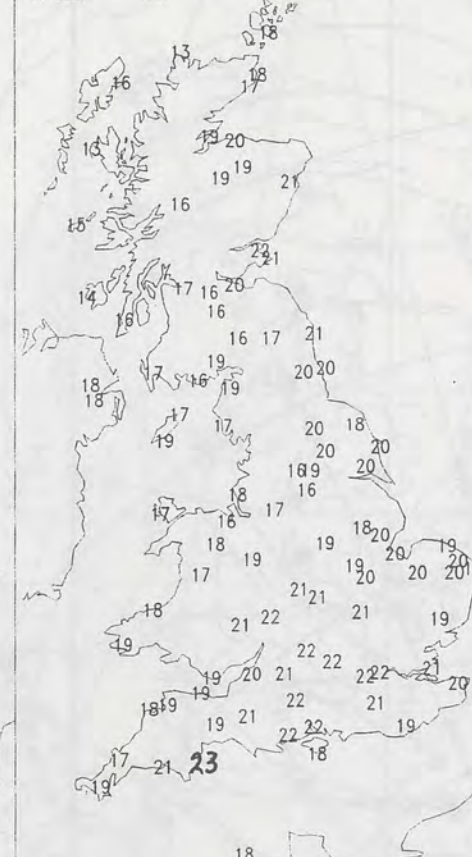
**Most Rain (24 hrs from 0900 GMT)**  
: 16.5mm Lybster [ Highland ]

**Most Sunshine**  
: 8.3 hrs Salcombe [ Devon ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
16 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
16 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
16 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
16 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
16 JULY 1997



## DAILY WEATHER SUMMARY



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EC1R 5DB

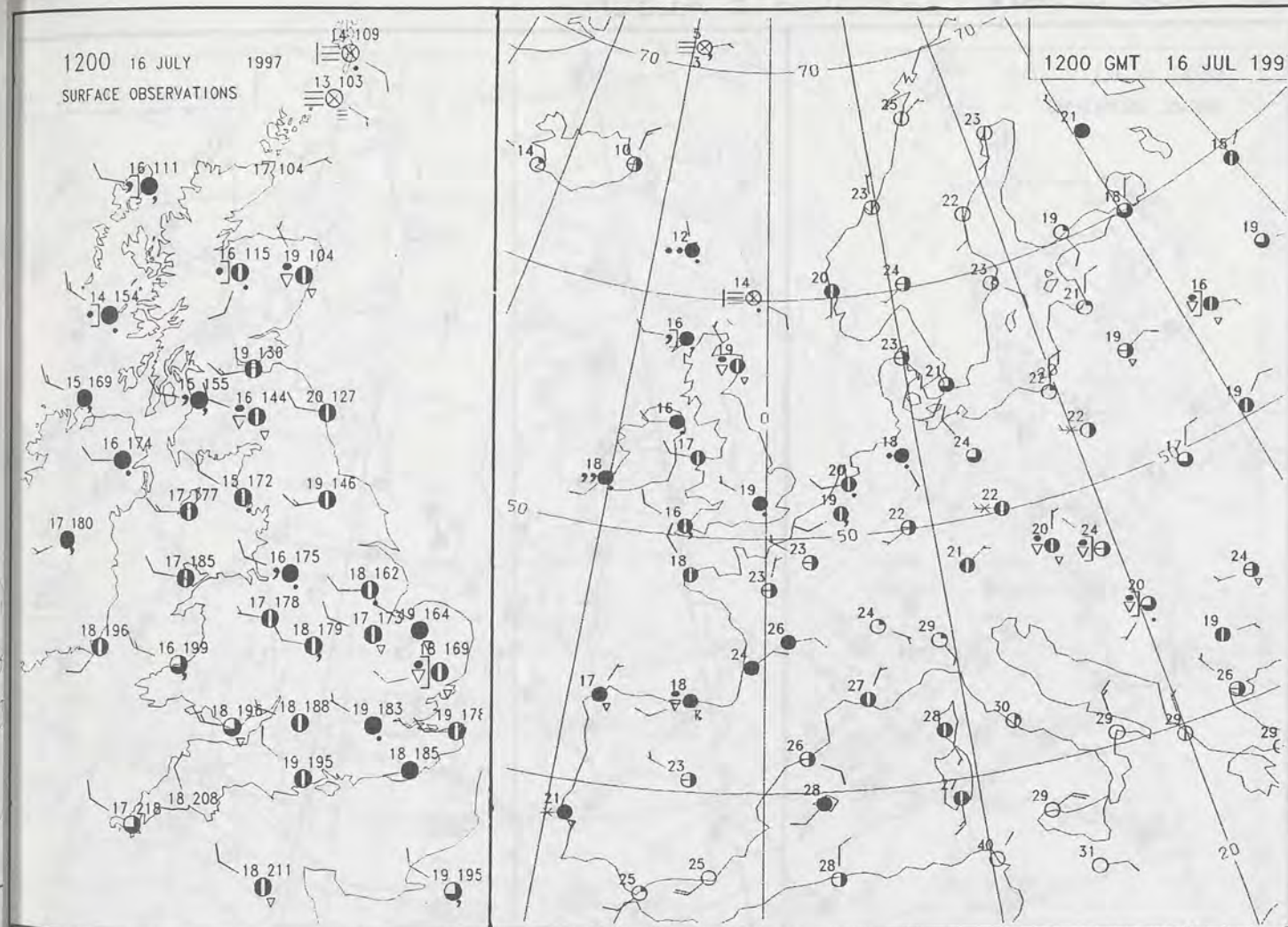
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Fax: 0171 404 4314

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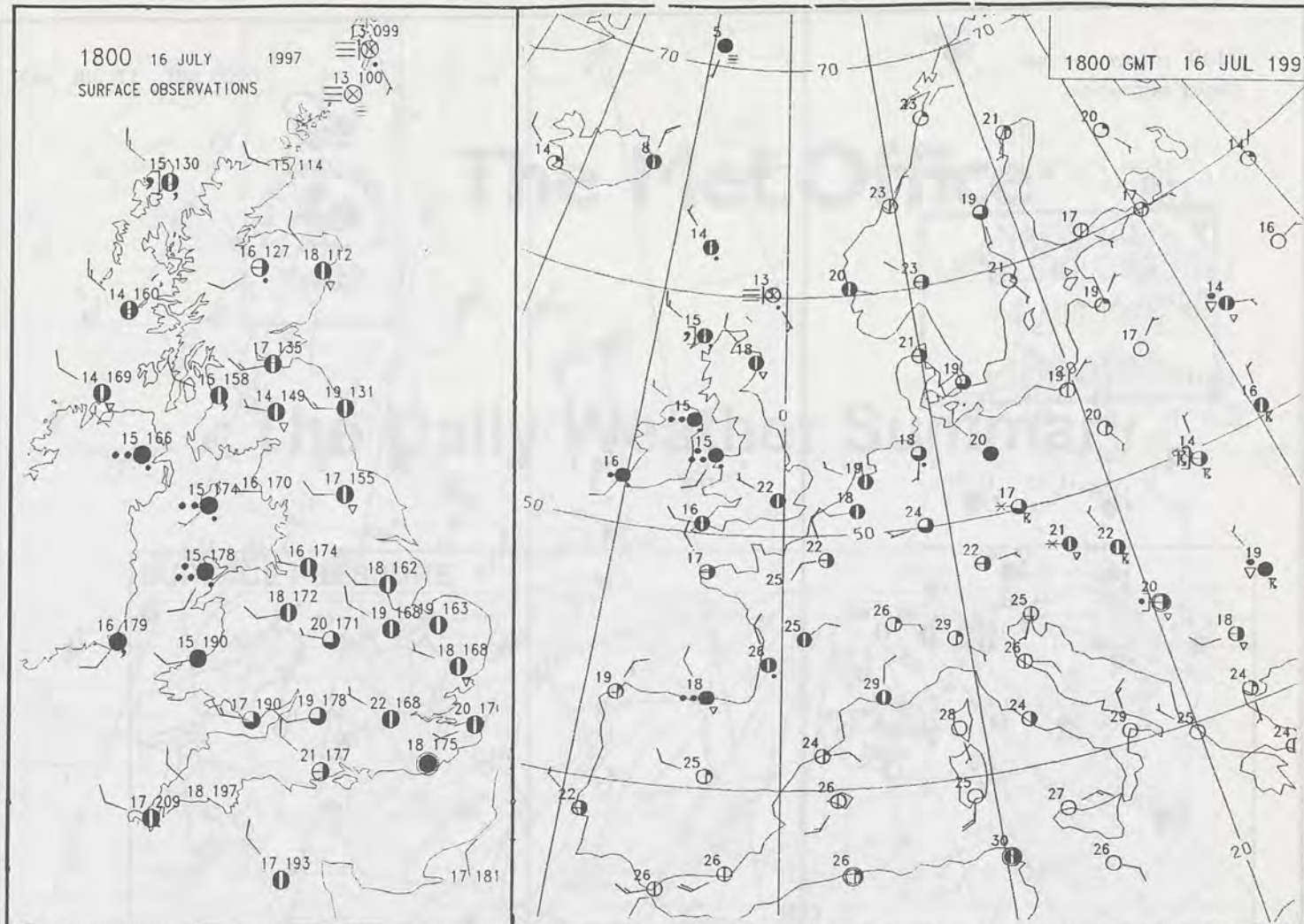
1200 16 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 16 JUL 199

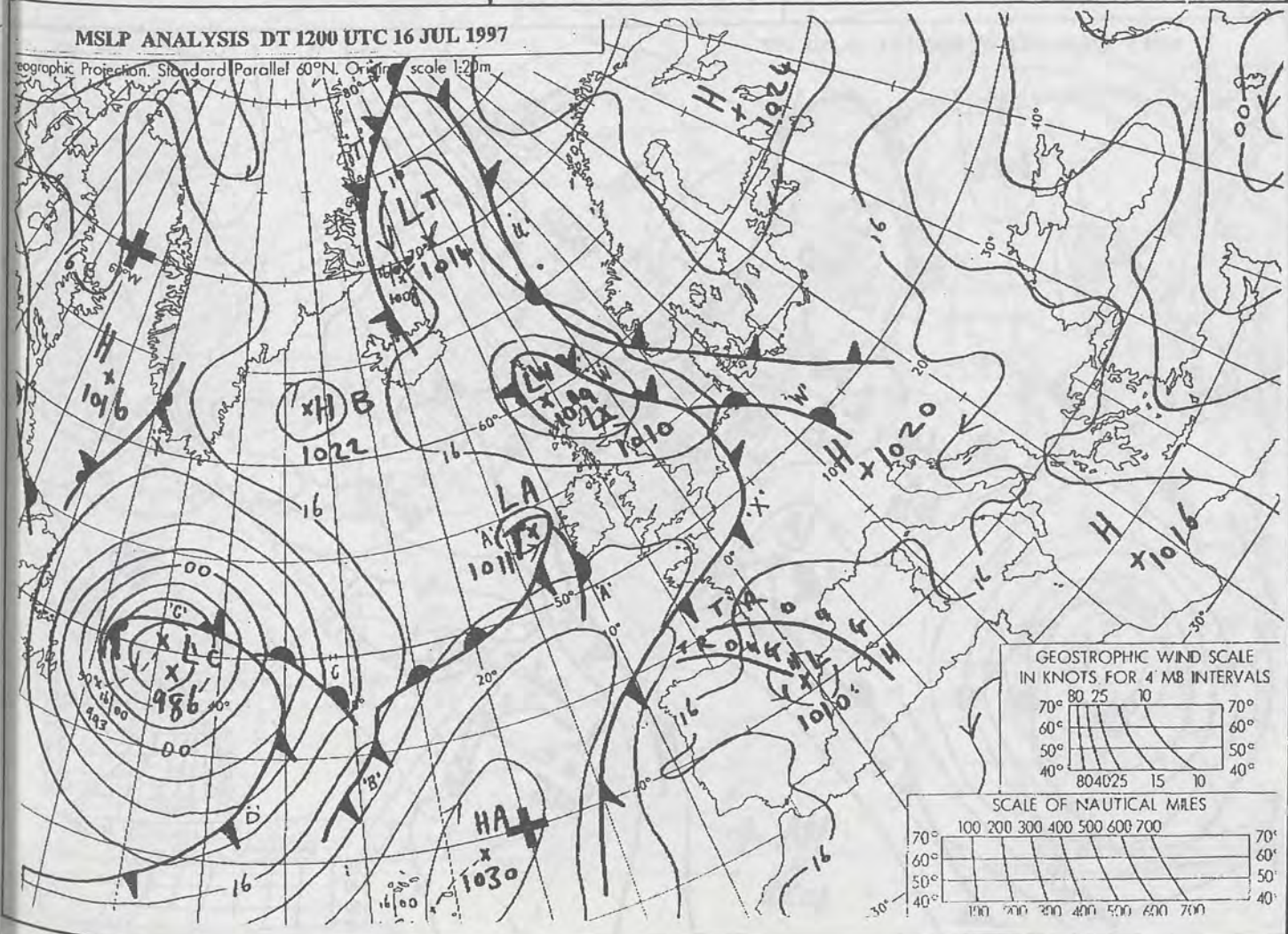


1800 16 JULY 1997  
SURFACE OBSERVATIONS

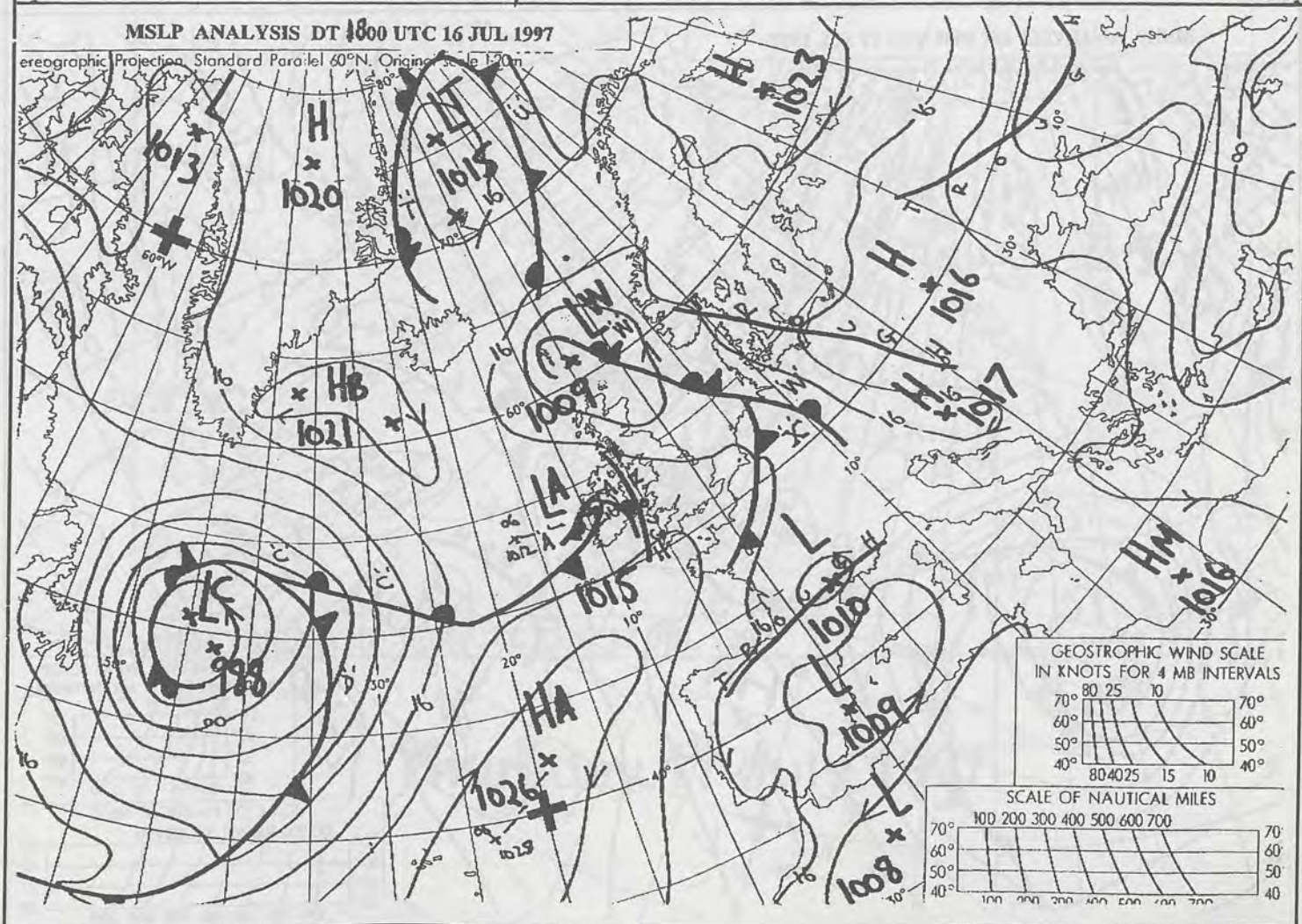
1800 GMT 16 JUL 199



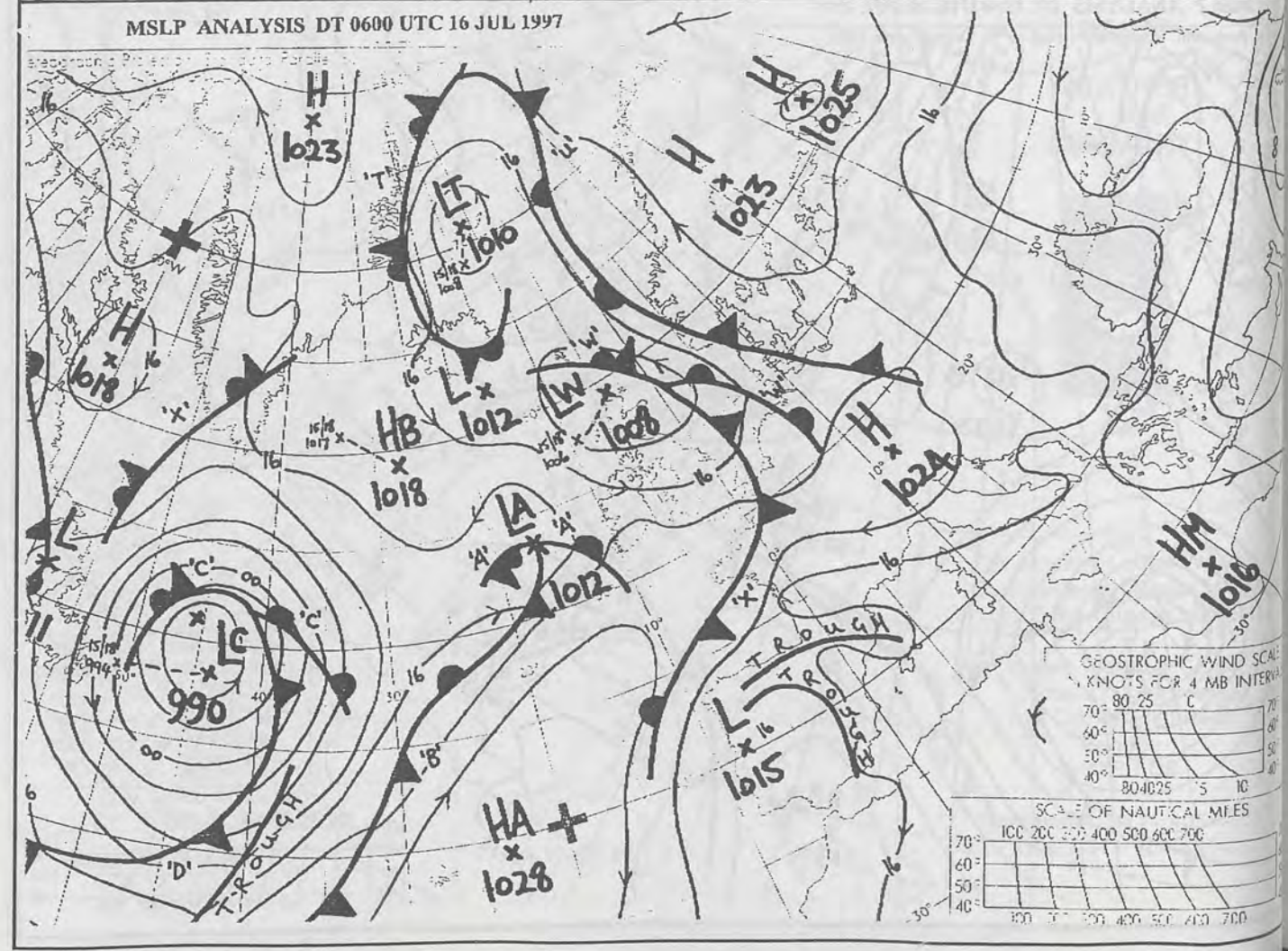
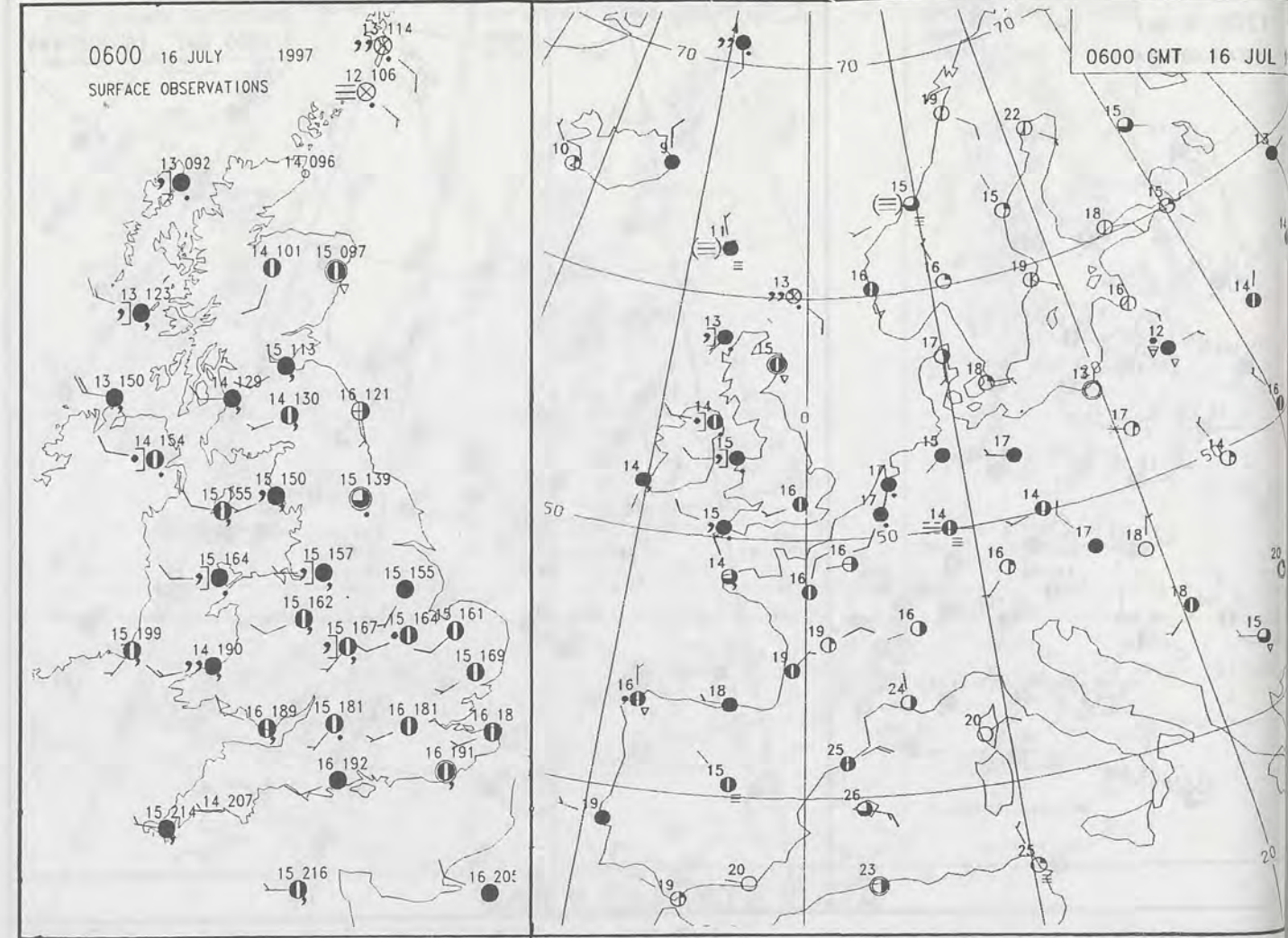
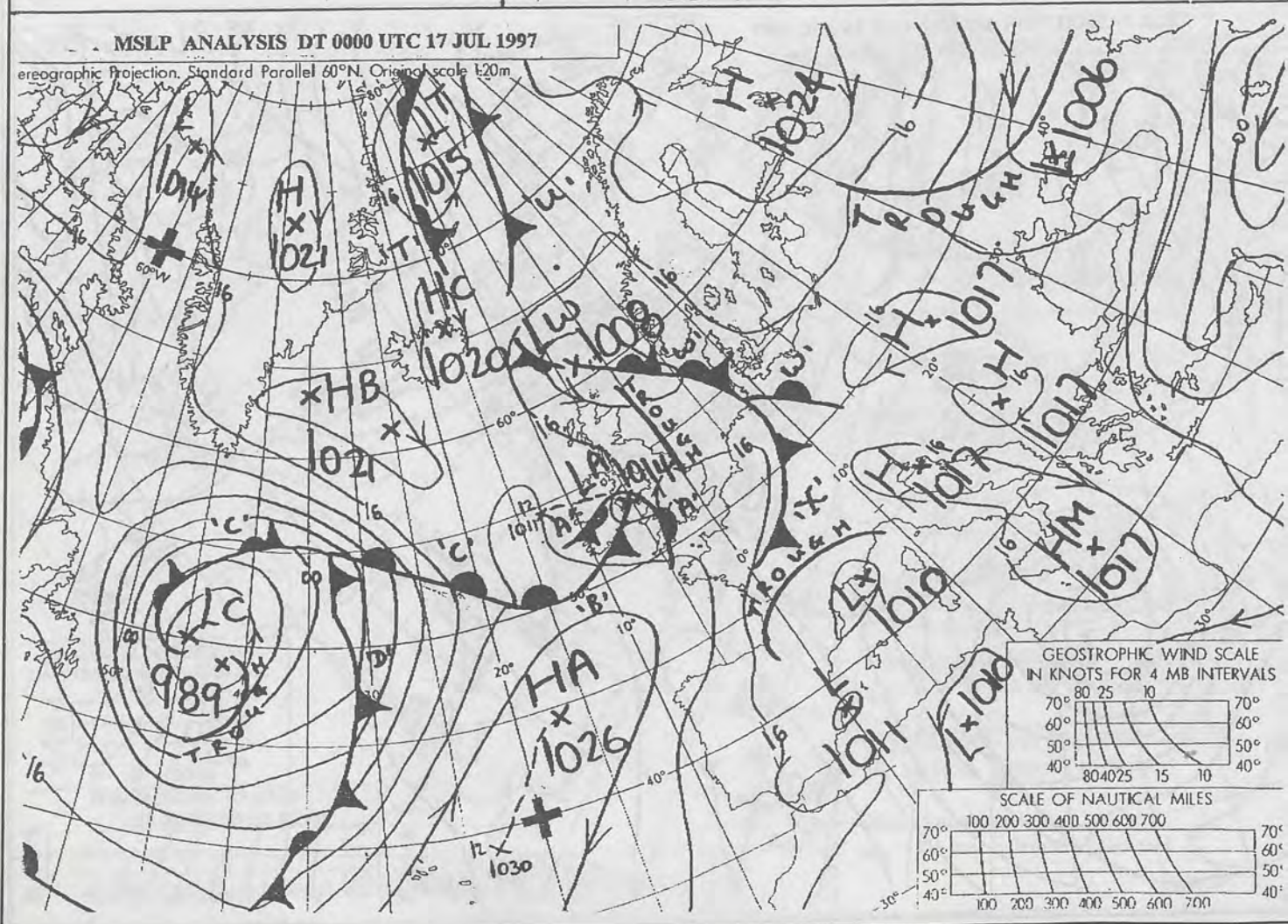
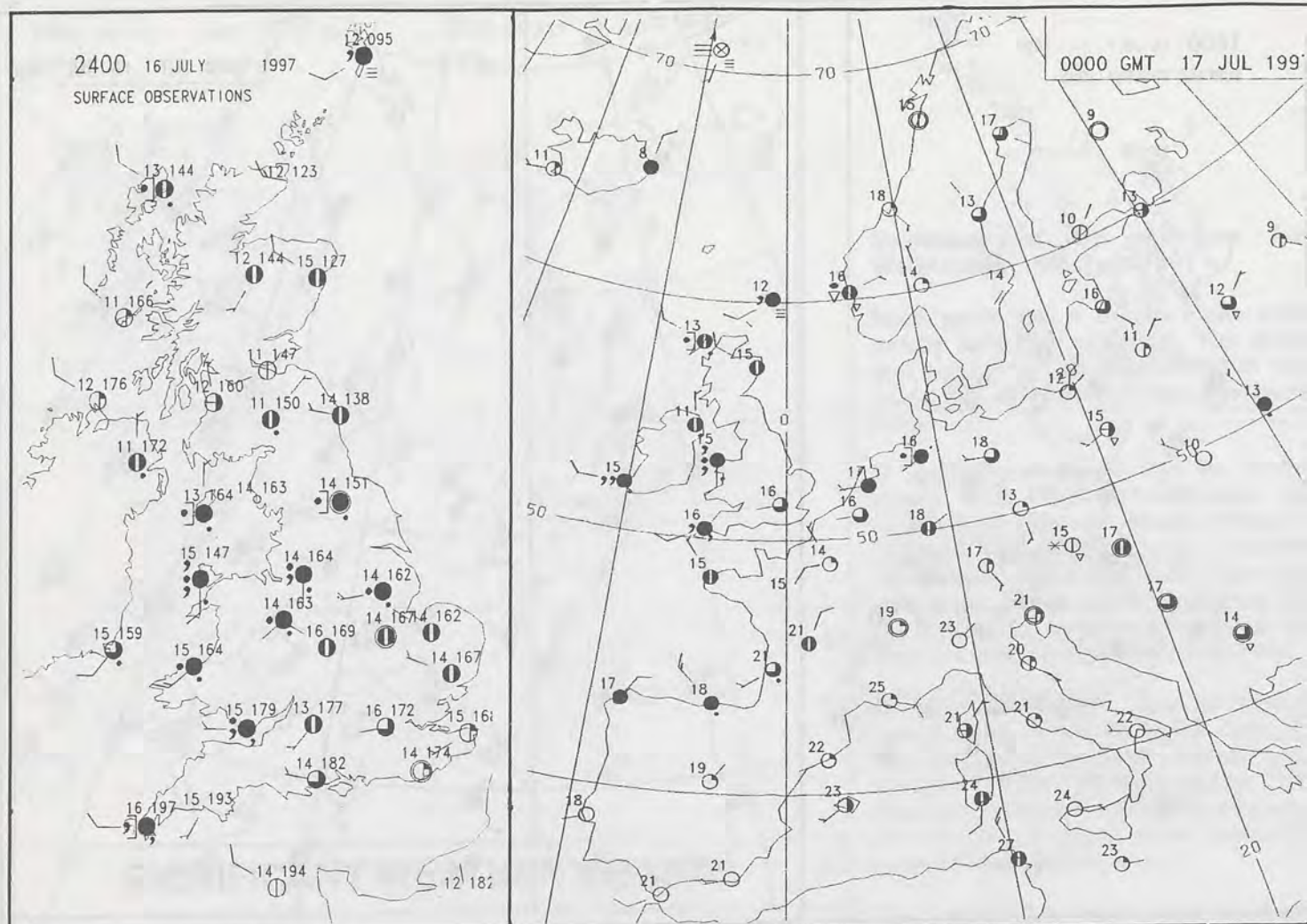
MSLP ANALYSIS DT 1200 UTC 16 JUL 1997



MSLP ANALYSIS DT 1800 UTC 16 JUL 1997









JUL

500-1000MB  
5000MB

THICKNESS DM.  
HEIGHT DM.

DT 12Z THUR 17/ 7/97 VI 12Z THUR 17/ 7/97 GMAIN I+ 0 558

POLAR STEREOGRAPHIC PROJECTION AT 60N SCALE 1:20M RUN TIME 15.47.54



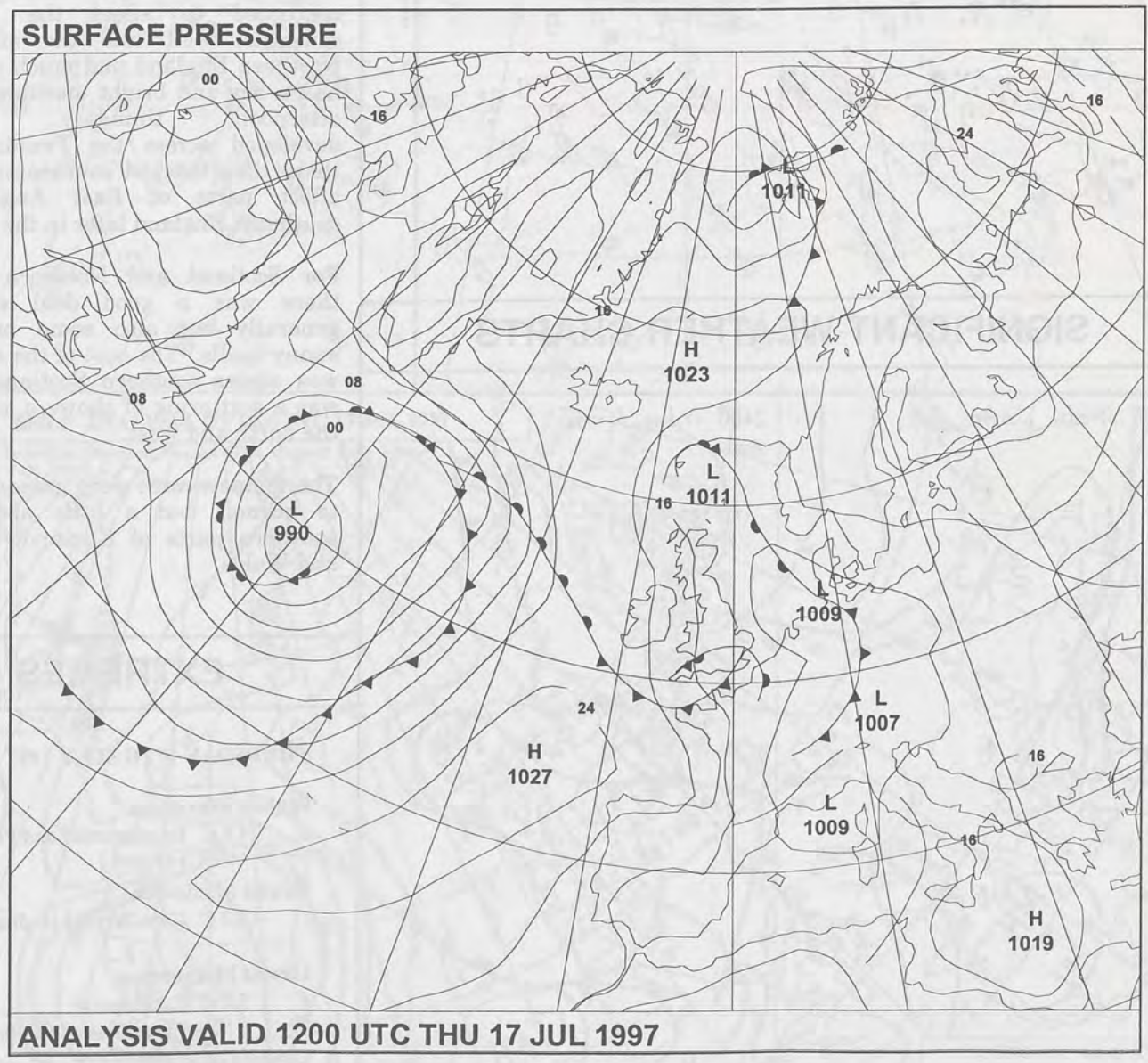
CHART 13  
PHEA50 EGRR 1200Z



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## The Daily Weather Summary



ANALYSIS VALID 1200 UTC THU 17 JUL 1997

### Thursday 17 July 1997



0600 17 JULY 1997  
SIGWX



1200 17 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 17 JULY 1997  
SIGWX



2400 17 JULY 1997  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Thursday 17th July 1997

It was a cloudy night generally. Outbreaks of rain across Wales, the west Midlands and southwest England edged southeastwards during the night. Some of the rain was heavy over the Midlands. Northern and western parts of Scotland had some occasional light rain and drizzle, and here there was a good deal of hill and coastal fog, especially over the Northern Isles.

Much of the Midlands, East Anglia and southern England had outbreaks of rain at first some heavy, which largely died away during the course of the morning, although drizzly rain continued to affect the extreme southeast well into the afternoon. Northern England and much of Wales had a dry and bright morning. In the afternoon, thundery showers developed across the Pennines and these then tracked southeastwards to affect parts of East Anglia and southeast England later in the day.

For Scotland and Northern Ireland there was a good deal of cloud generally but also some bright or sunny spells. The best of the sunshine was across southern Scotland. There was a scattering of showers, chiefly in the north and west.

The temperatures were generally close to normal, but a little above over southern parts of England, Scotland and Wales.

## EXTREMES

### THURSDAY 17TH JULY 1997

#### Highest Maximum

: 24.1 C Bournemouth and Poole  
[ Dorset ]

#### Lowest Maximum

: 12.3 C Cape Wrath [ Highland ]

#### Lowest Minimum

: 5.1 C Eskdalemuir  
[ Dumfries and Galloway ]

#### Lowest Grass Minimum

: 1.2 C Eskdalemuir

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

: 25.6mm Clacton [ Essex ]

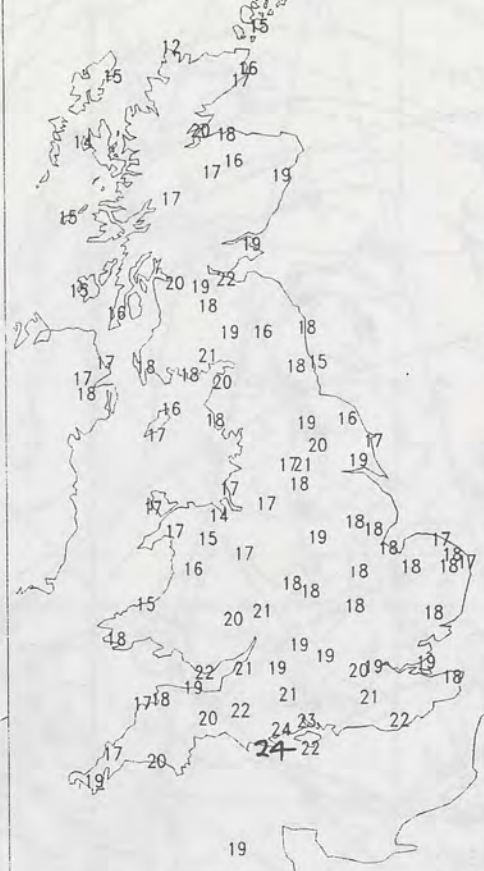
#### Most Sunshine

: 15.1 hrs Isle of Man

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
17 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
17 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
17 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
17 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
17 JULY 1997



## DAILY WEATHER SUMMARY

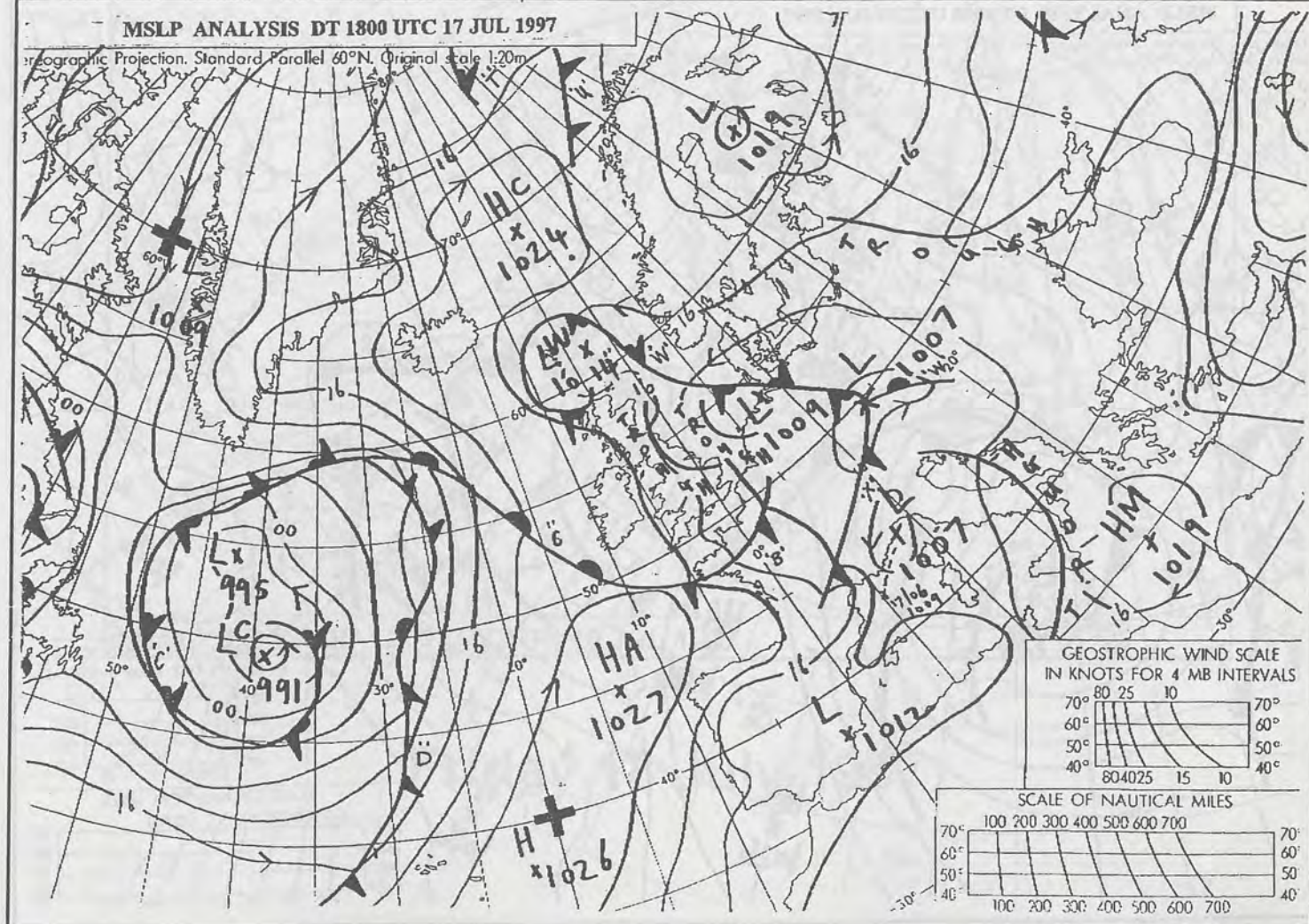
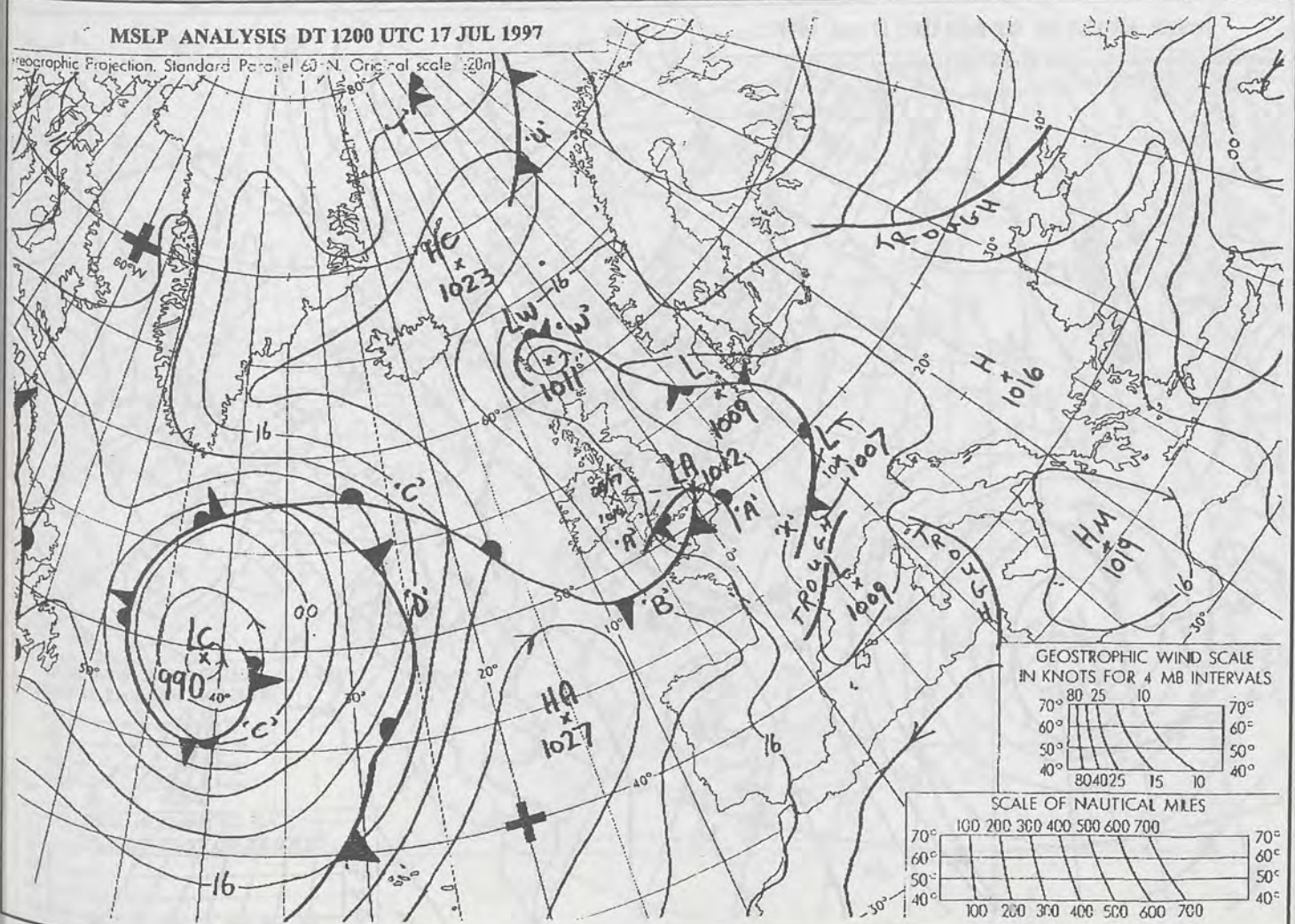
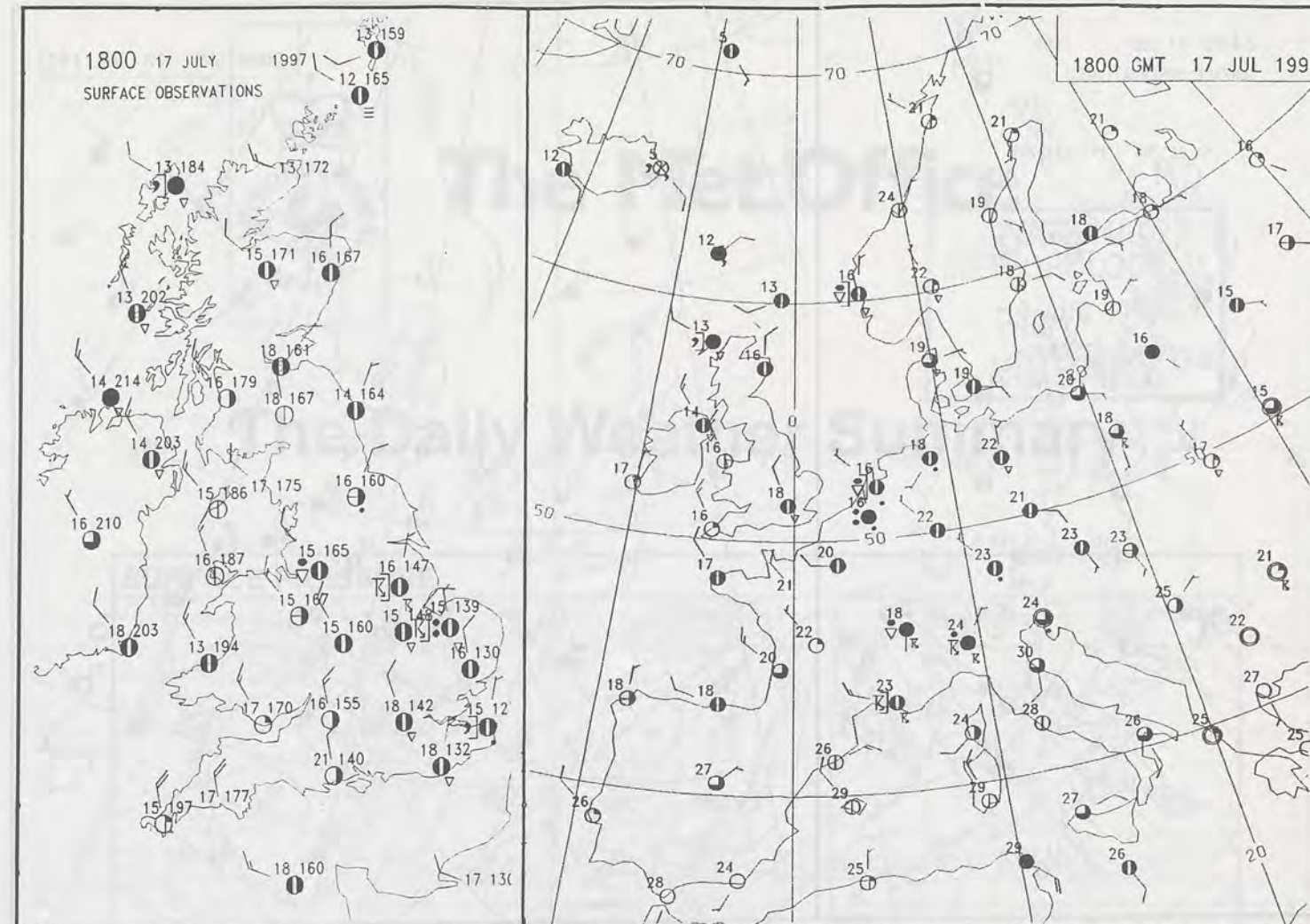
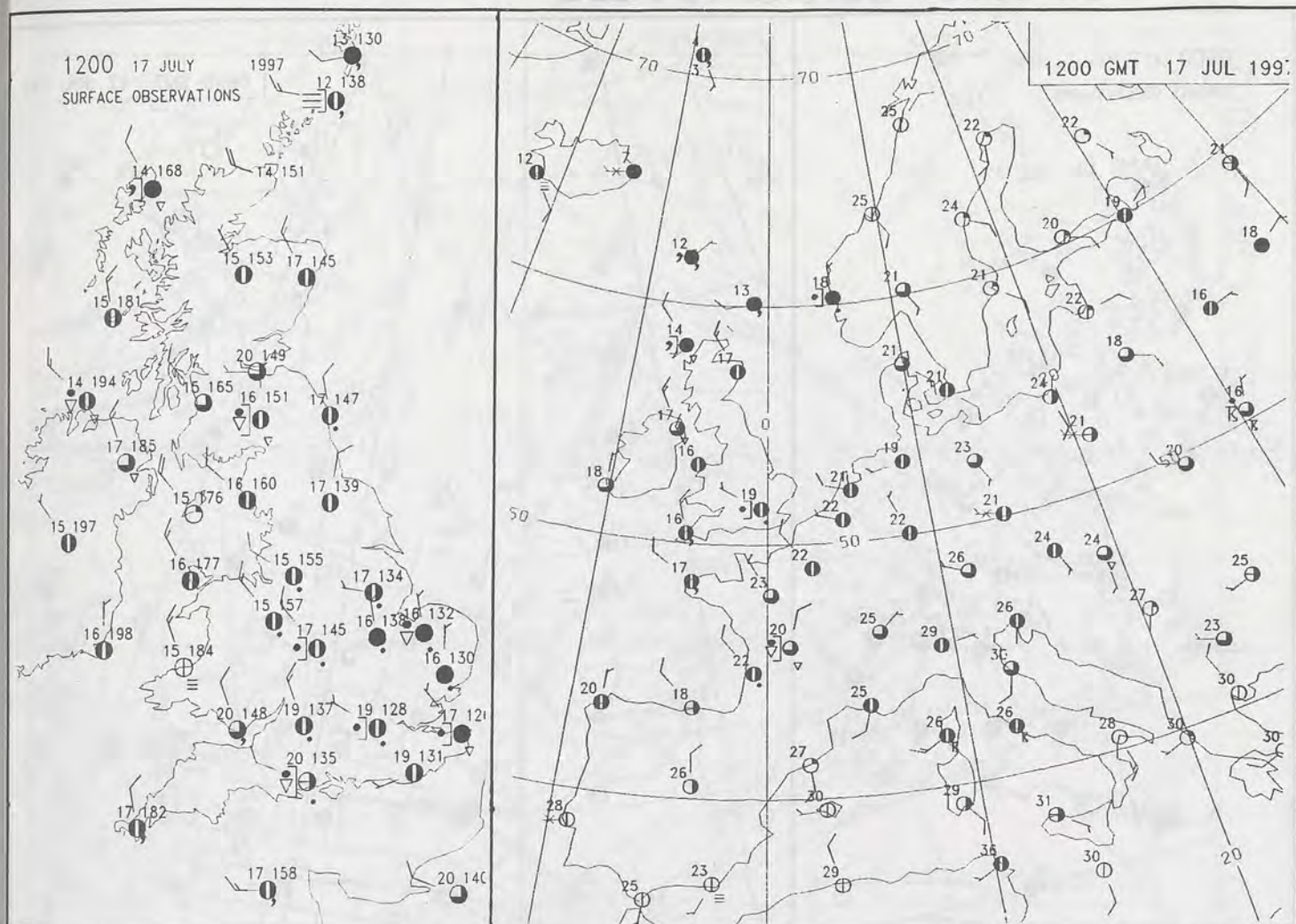


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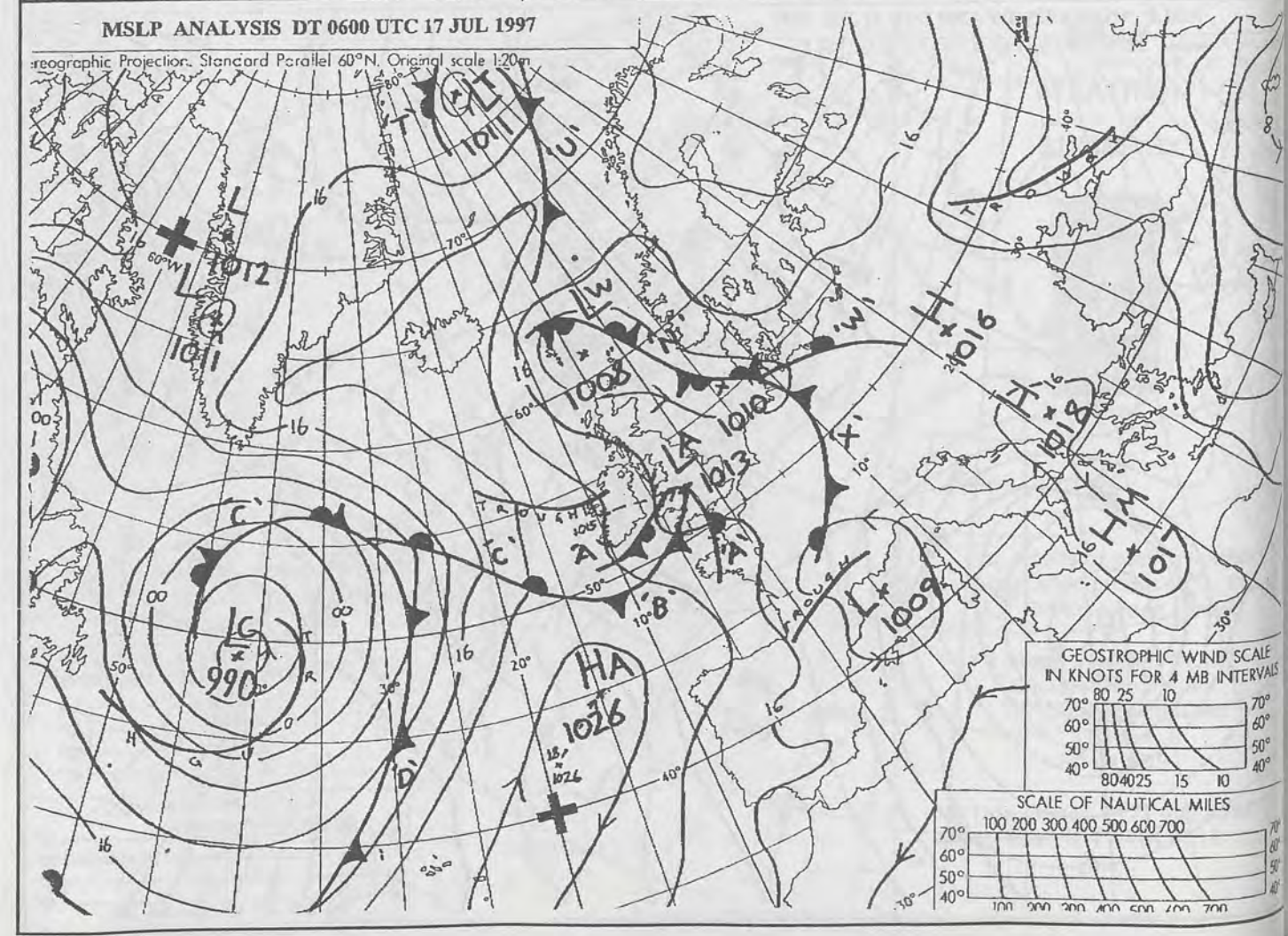
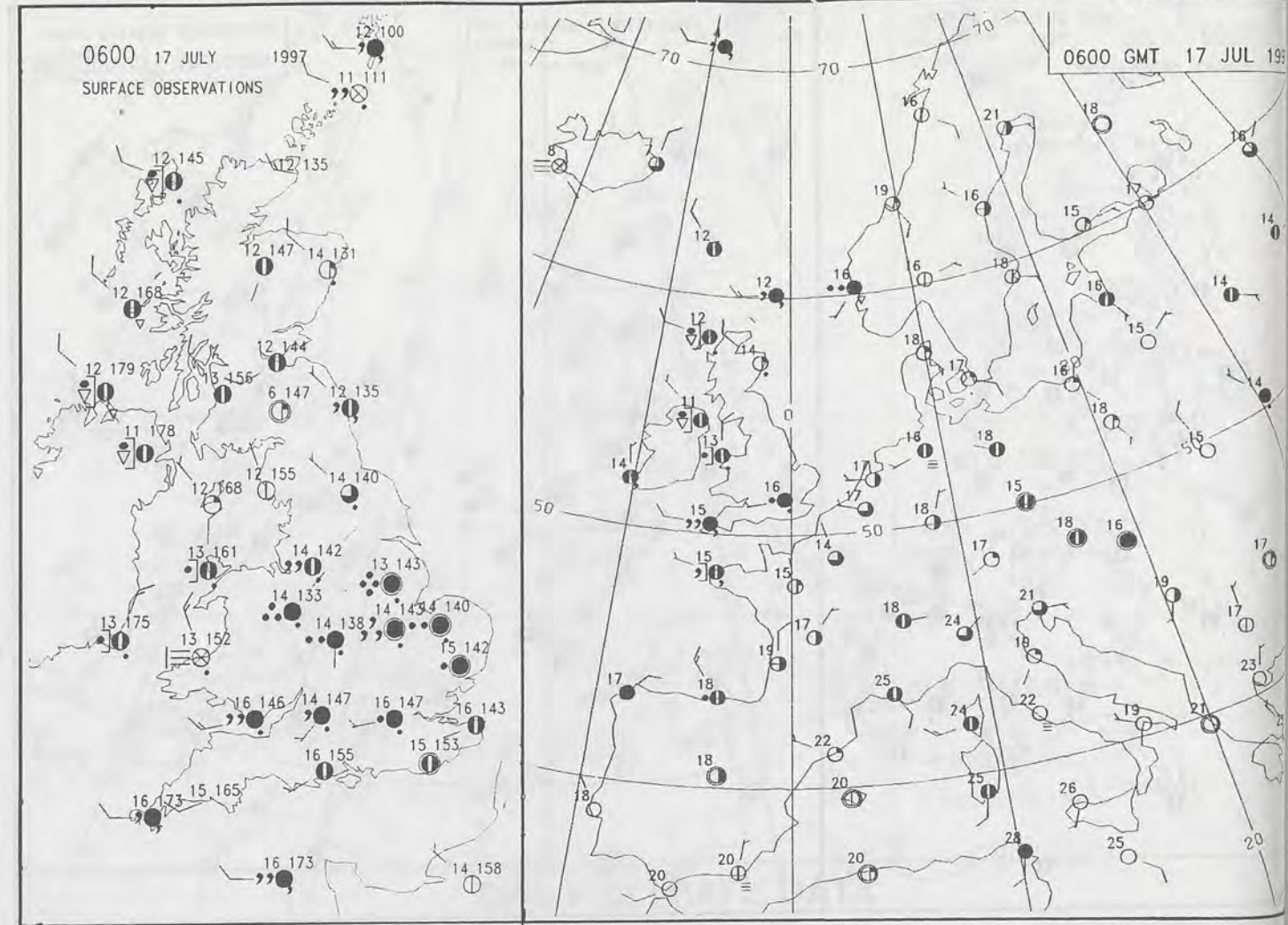
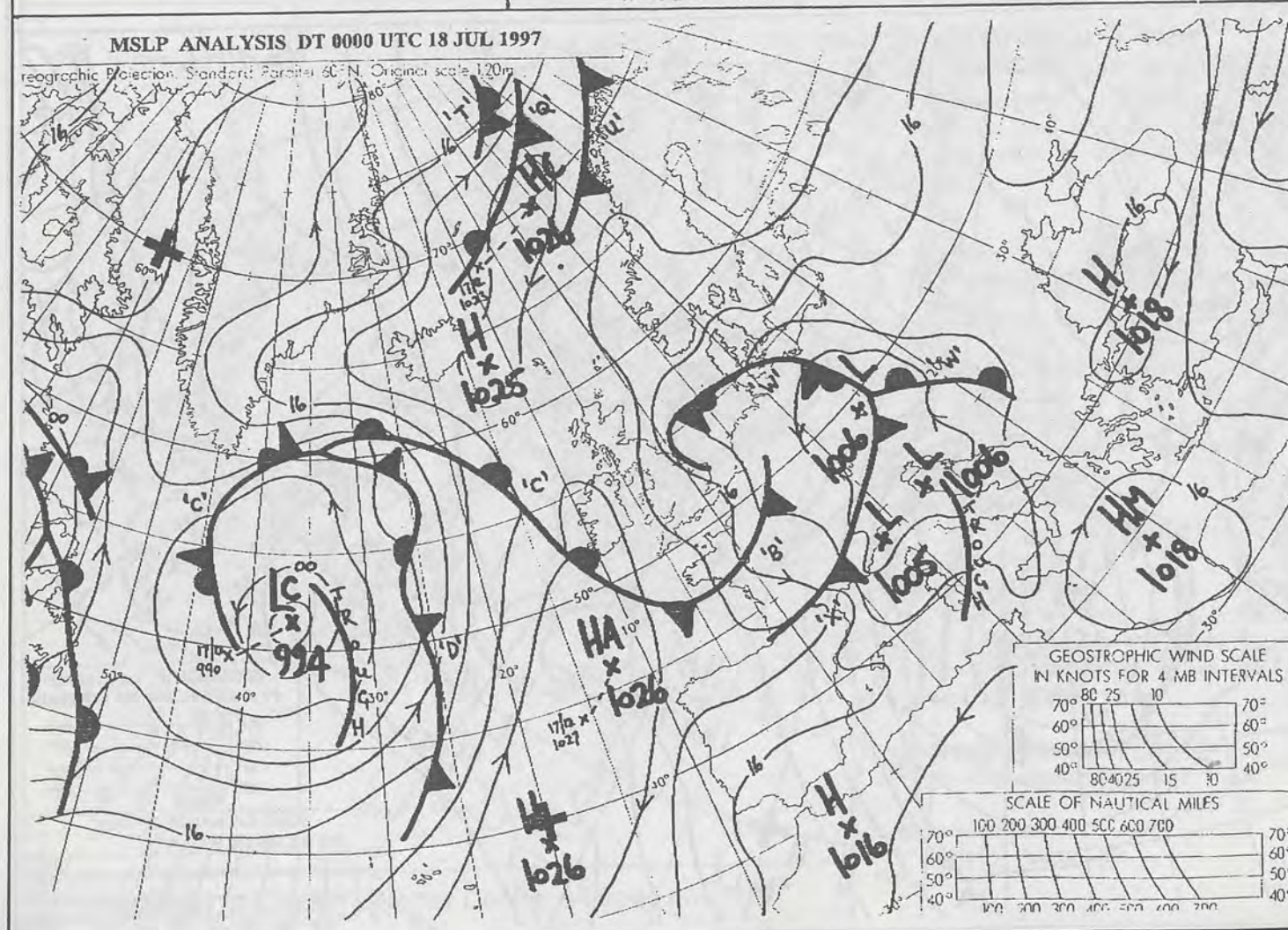
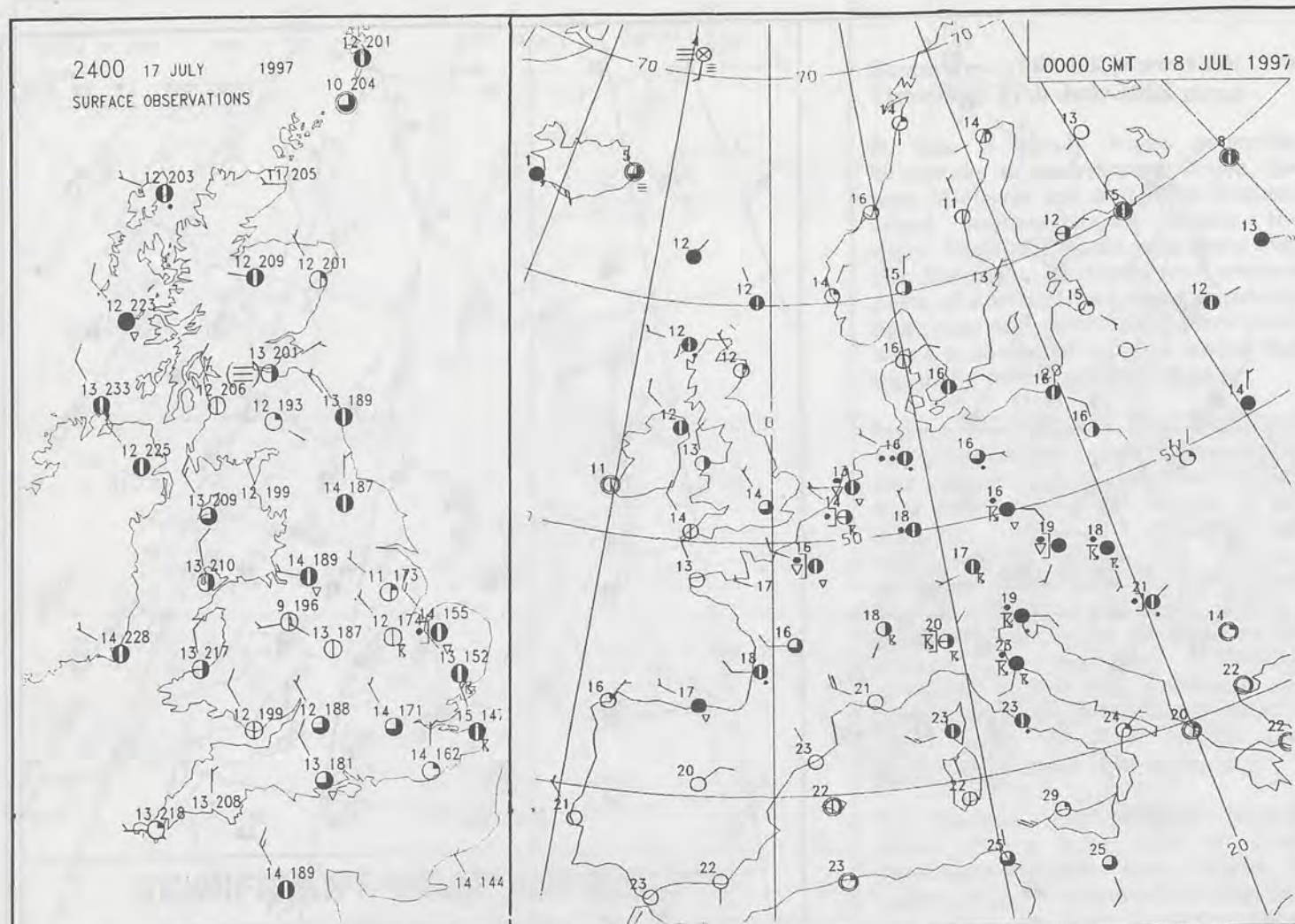
Telephone: 0171 405 4358  
Fax: 0171 404 4314







NOT FOR LOAN DUPLICATE ALSO

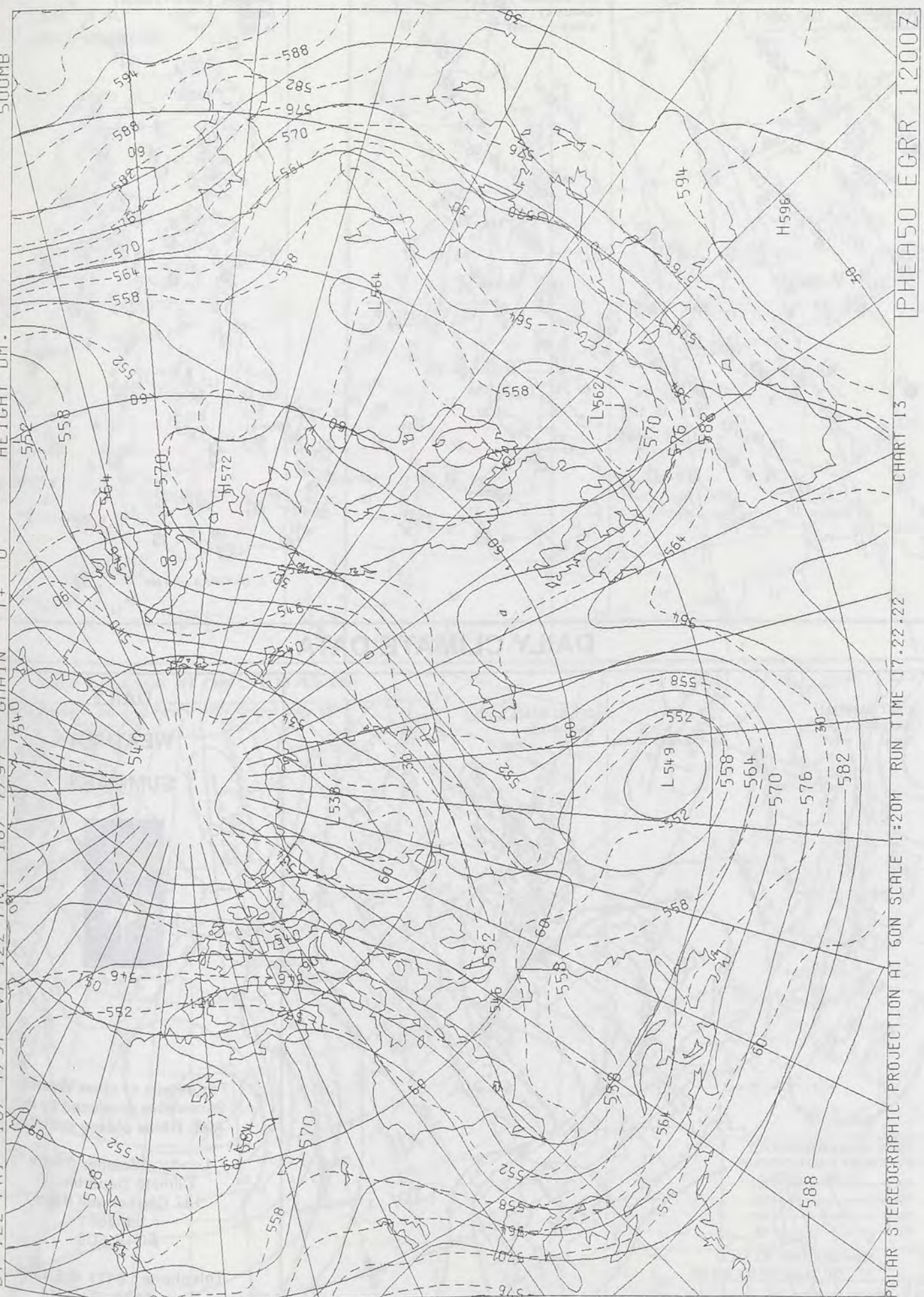


500-1000MB  
HEIGHT DM.  
1+0  
GRAIN 18/ 7/97 VI 12Z FRI 18/ 7/97 1540



JUL 1997

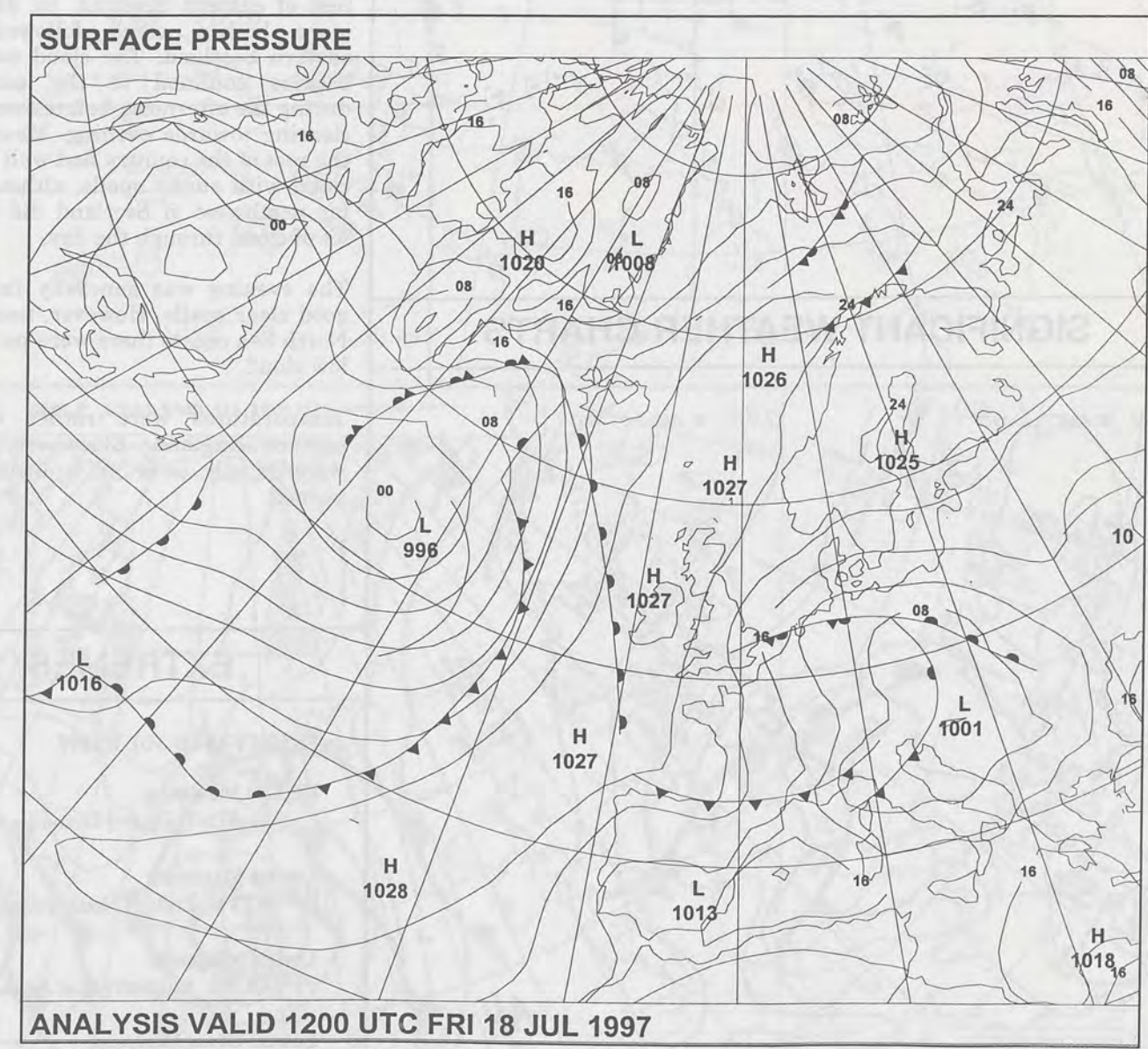
THICKNESS DM. 500-1000MB  
HEIGHT DM. 1+ 0  
DT 12Z FRI 18/ 7/97 VI 12Z FRI 18/ 7/97 GMRAIN 1+ 0  
SCALE INTERVALS  
70°  
60°  
50°  
40°



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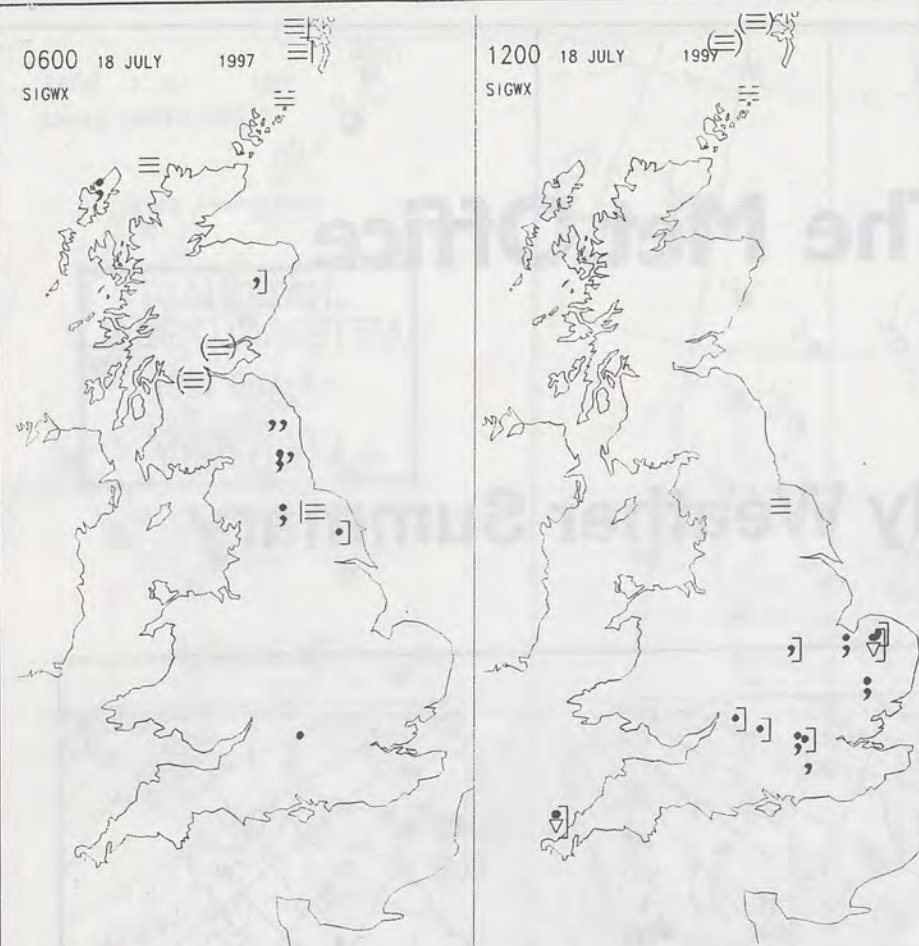
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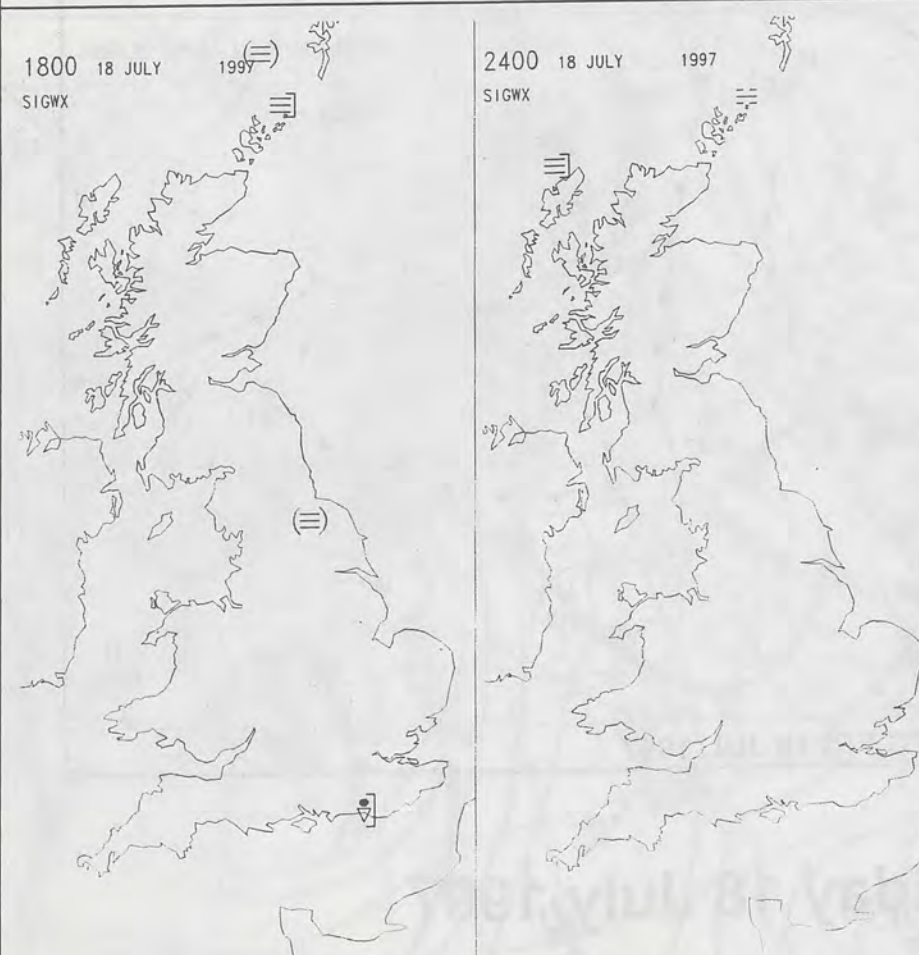


### Friday 18 July 1997





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Friday 18th July 1997

Much of the country had a dry night with variable amounts of cloud, although the best breaks were in the west. However, the far north and northwest of Scotland was rather more cloudy with fog patches and outbreaks of rain and drizzle. Later in the night thicker cloud spread down the eastern side of Scotland and into northeast England bringing rain and drizzle here as well.

During the morning this thicker cloud and outbreaks of rain spread to the rest of eastern England. In its wake more broken cloud followed into eastern Scotland. The cloud and rain became confined to the southeast during the afternoon, before eventually clearing towards evening. Meanwhile, the rest of the country had well broken cloud with sunny spells, although the far northwest of Scotland did keep a lot of cloud through the day.

The evening was generally fine with good clear spells. However, near some North Sea coasts there were patches of low cloud.

Temperatures were rather cool in eastern England. Elsewhere, values were mostly near or a little above normal.

## EXTREMES

### FRIDAY 18TH JULY 1997

**Highest Maximum**  
: 23.5 C Torquay [ Devon ]

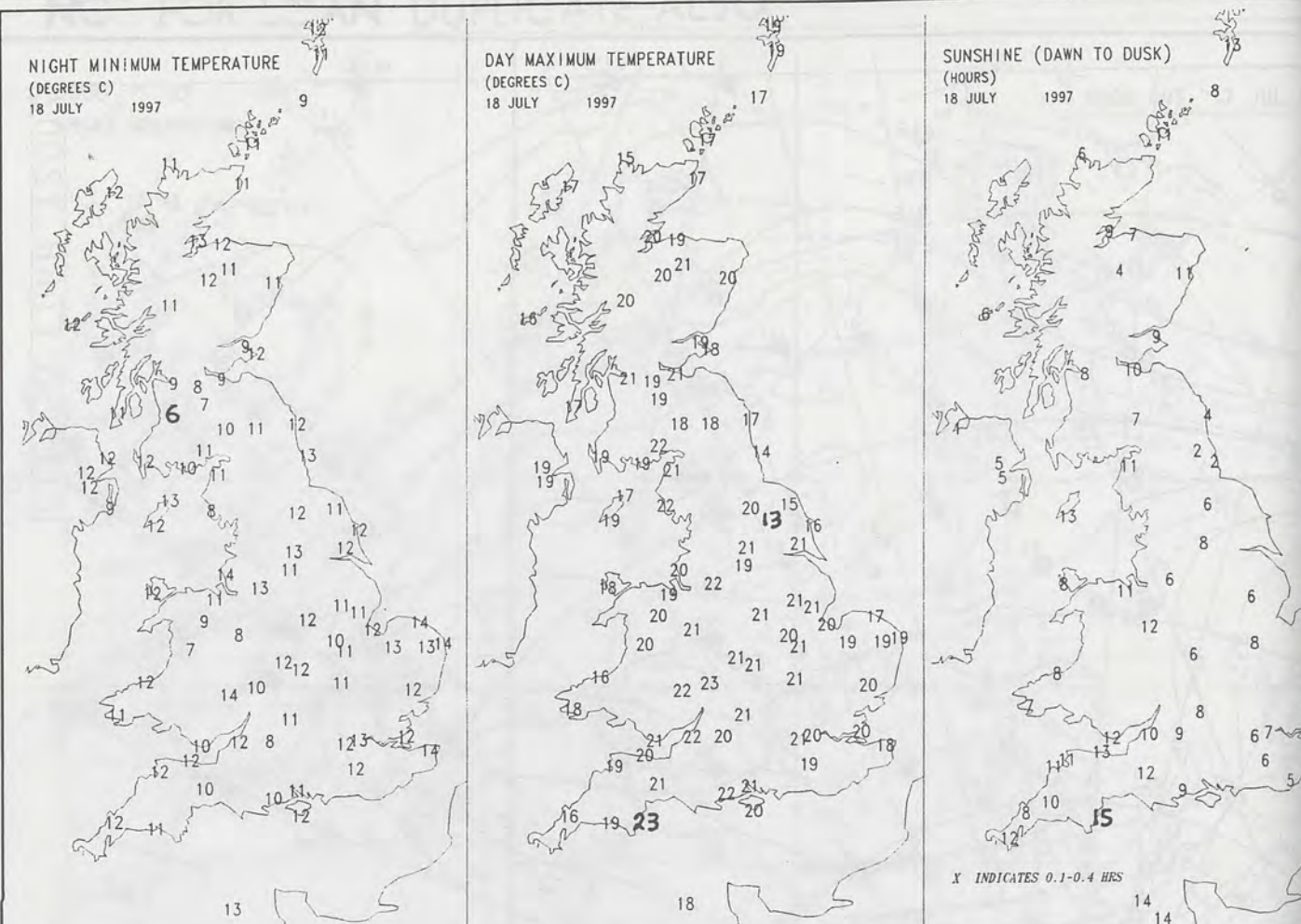
**Lowest Maximum**  
: 12.8 C Loftus [ North Yorkshire ]

**Lowest Minimum**  
: 5.7 C Saughall [ East Ayrshire ]

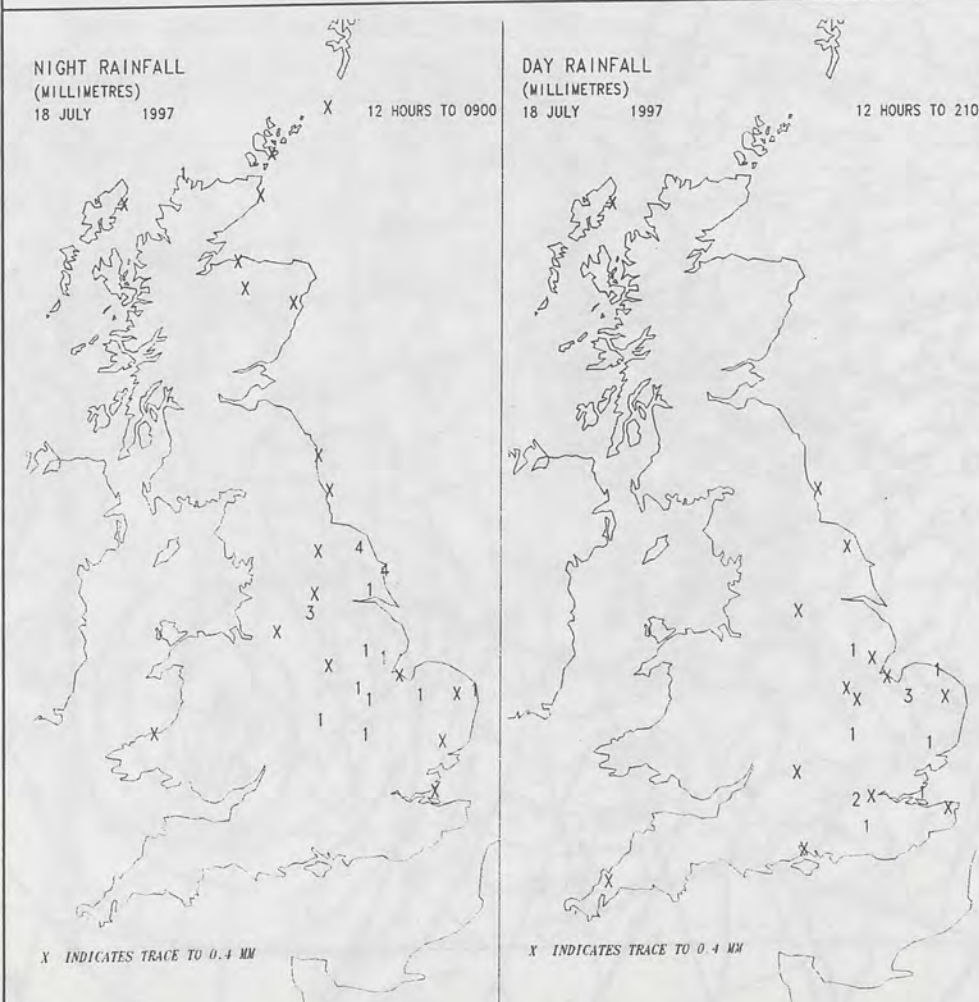
**Lowest Grass Minimum**  
: 2.5 C Trawscoed [ Ceredigion ]

**Most Rain (24 hrs from 0900 GMT)**  
: 18.0mm Charing [ Kent ]

**Most Sunshine**  
: 14.6 hrs Torquay



## 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

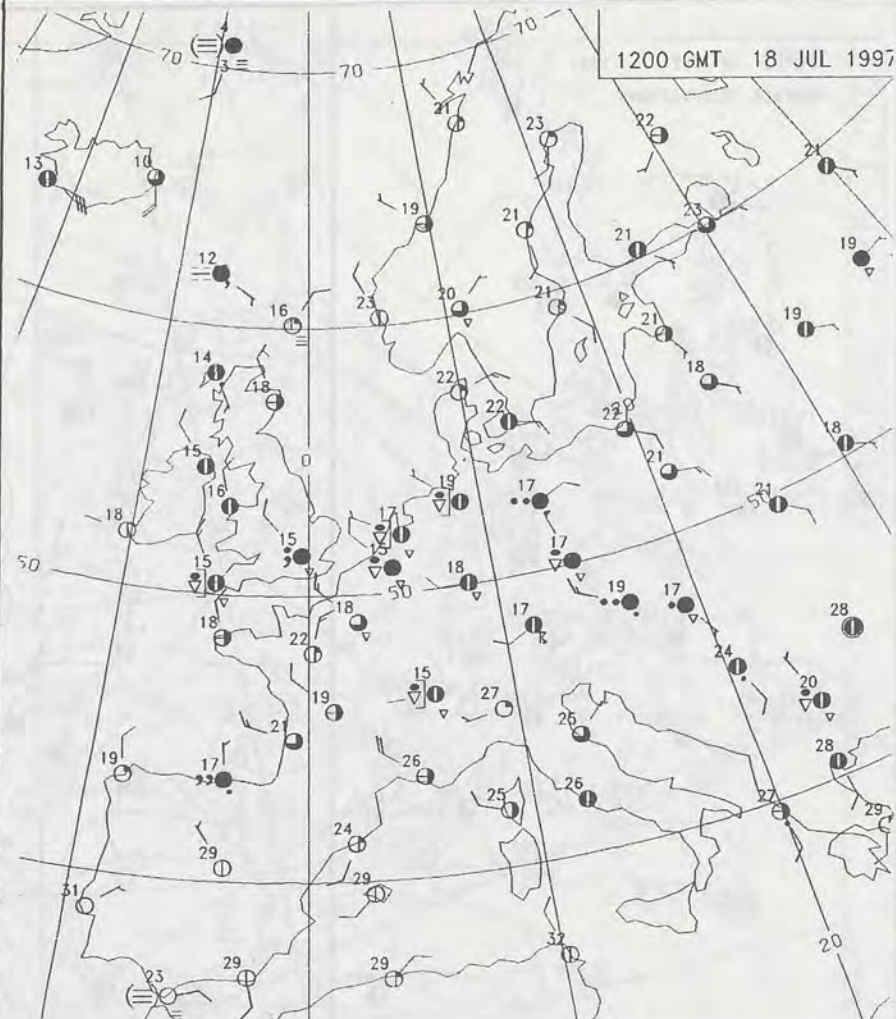
Telephone: 0171 405 4358  
Fax: 0171 404 4314



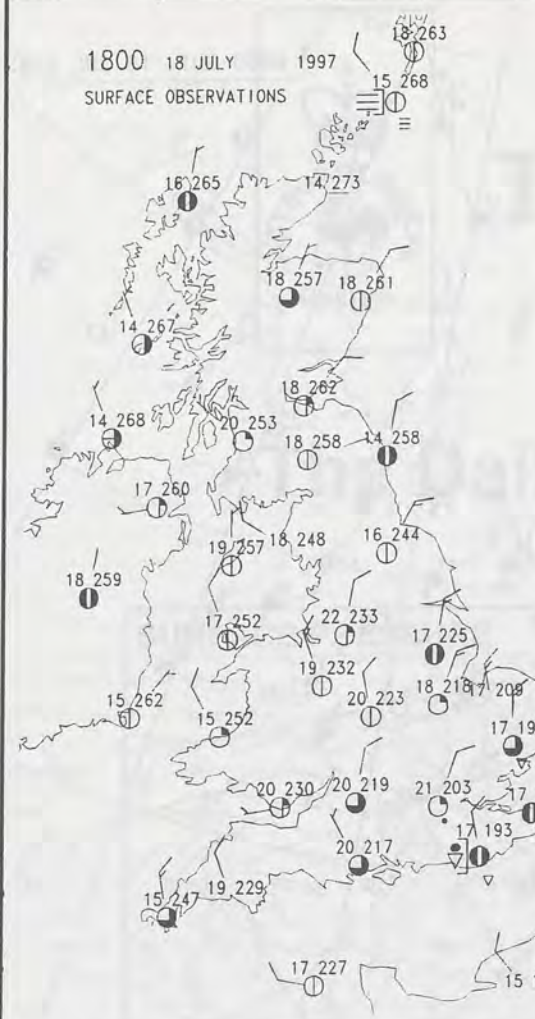
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SURFACE OBSERVATIONS



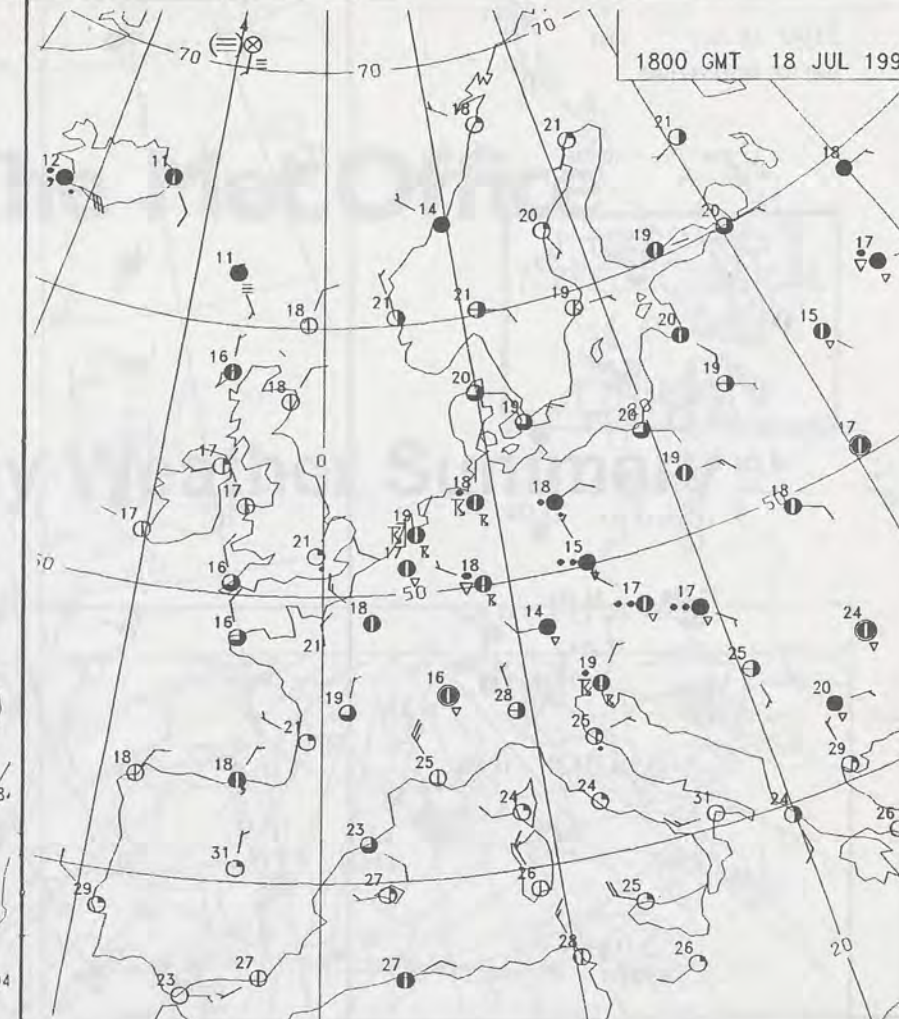
1200 GMT 18 JUL 1997



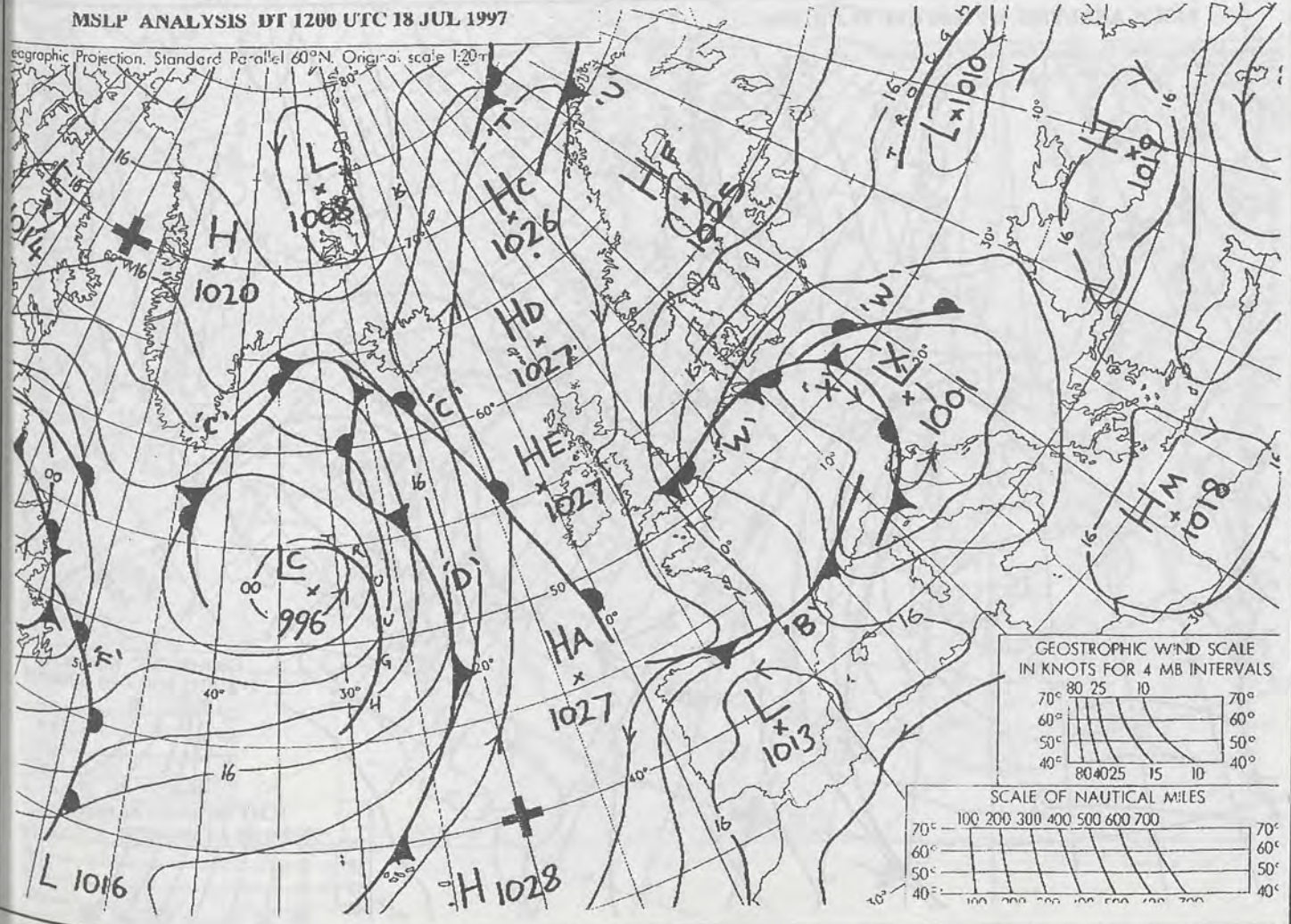
1800 18 JULY 1997  
SURFACE OBSERVATIONS



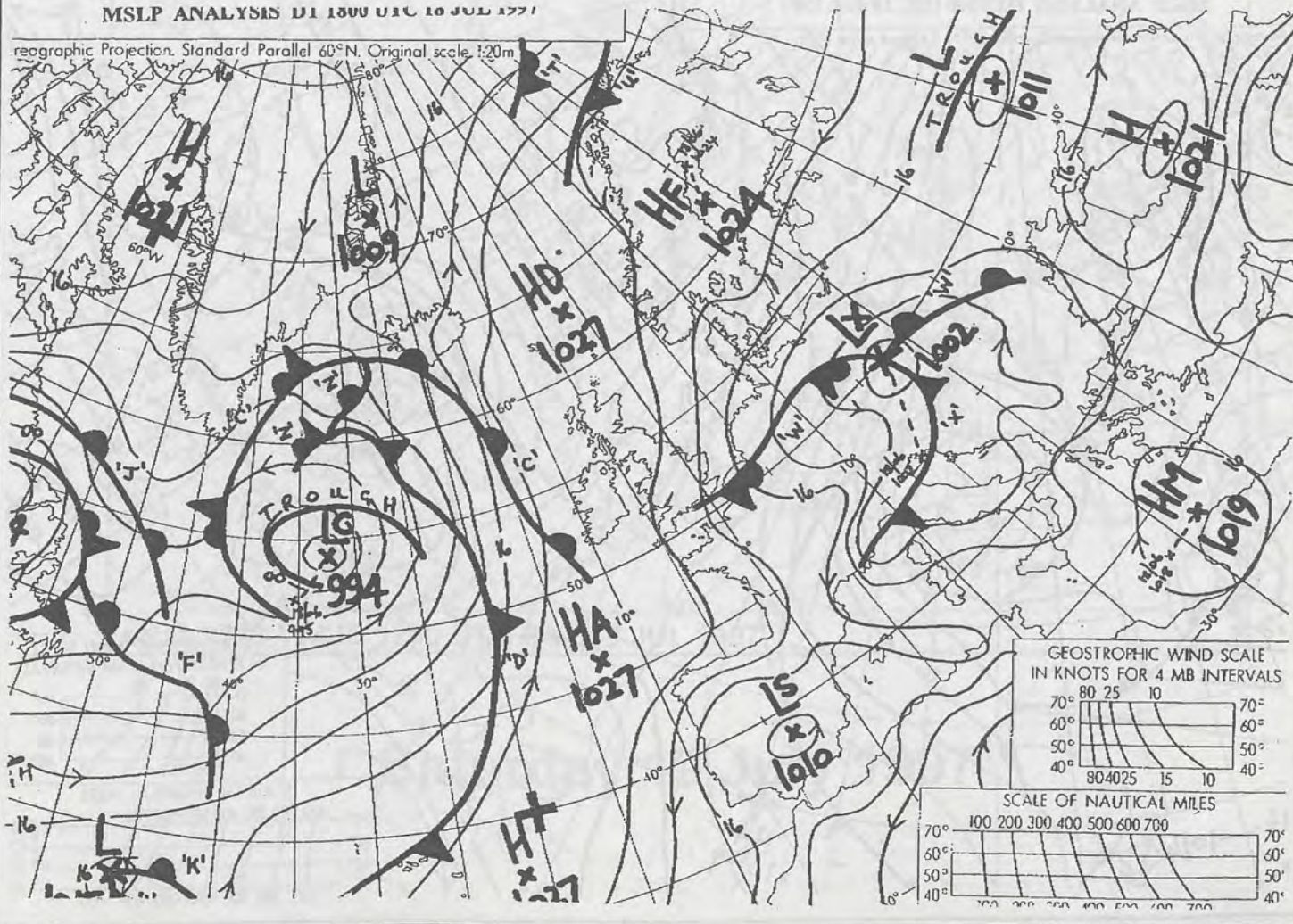
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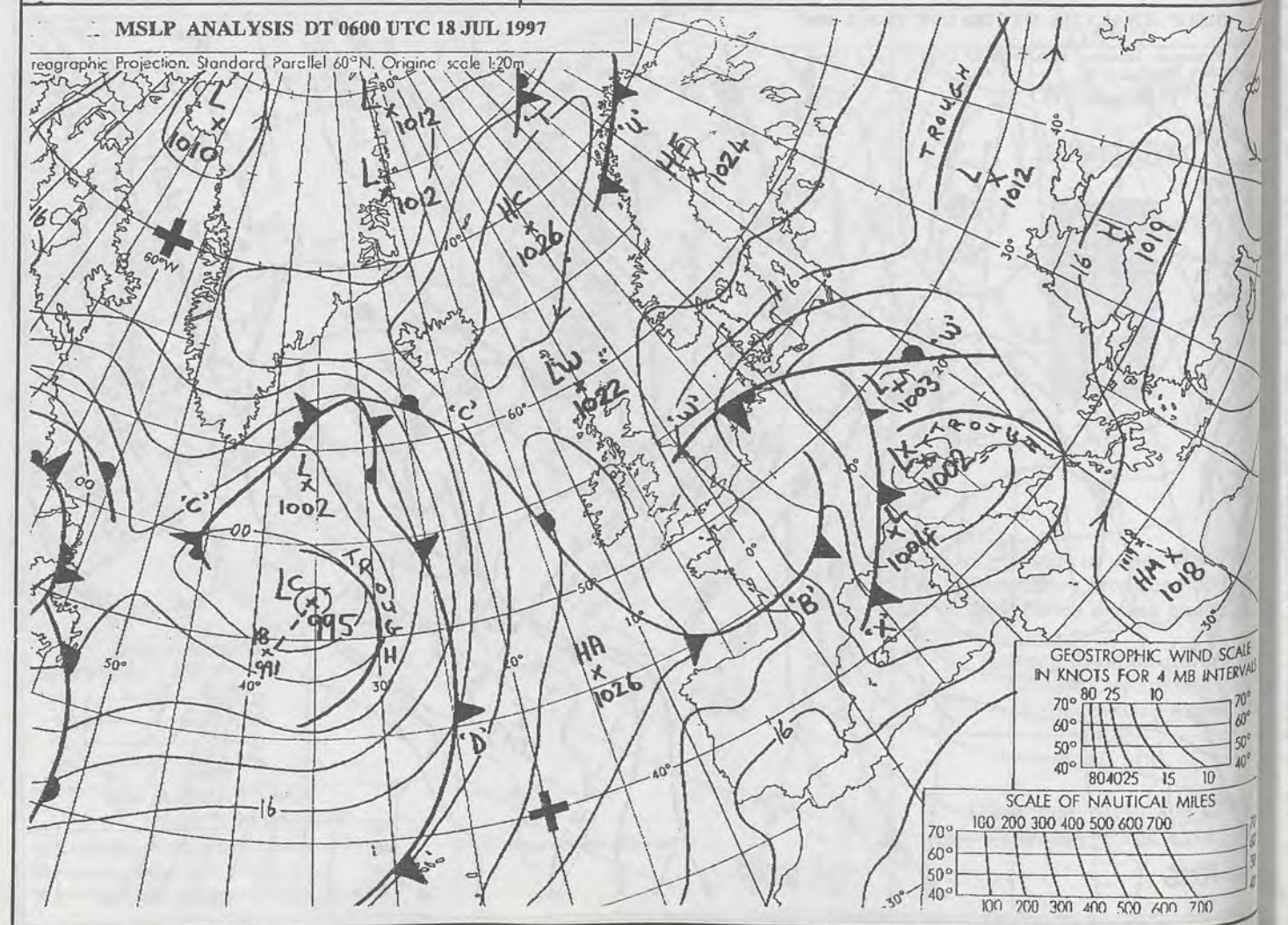
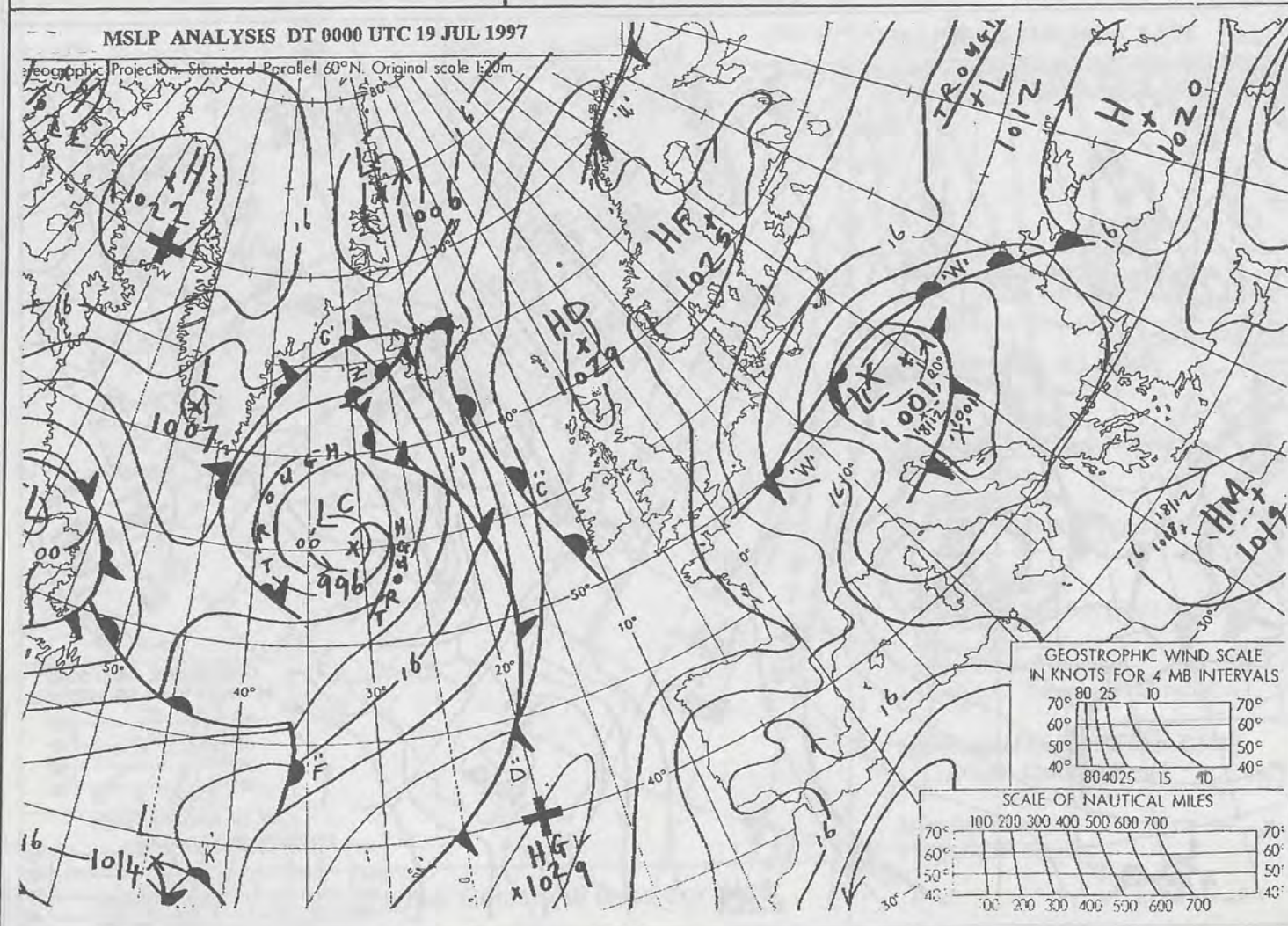
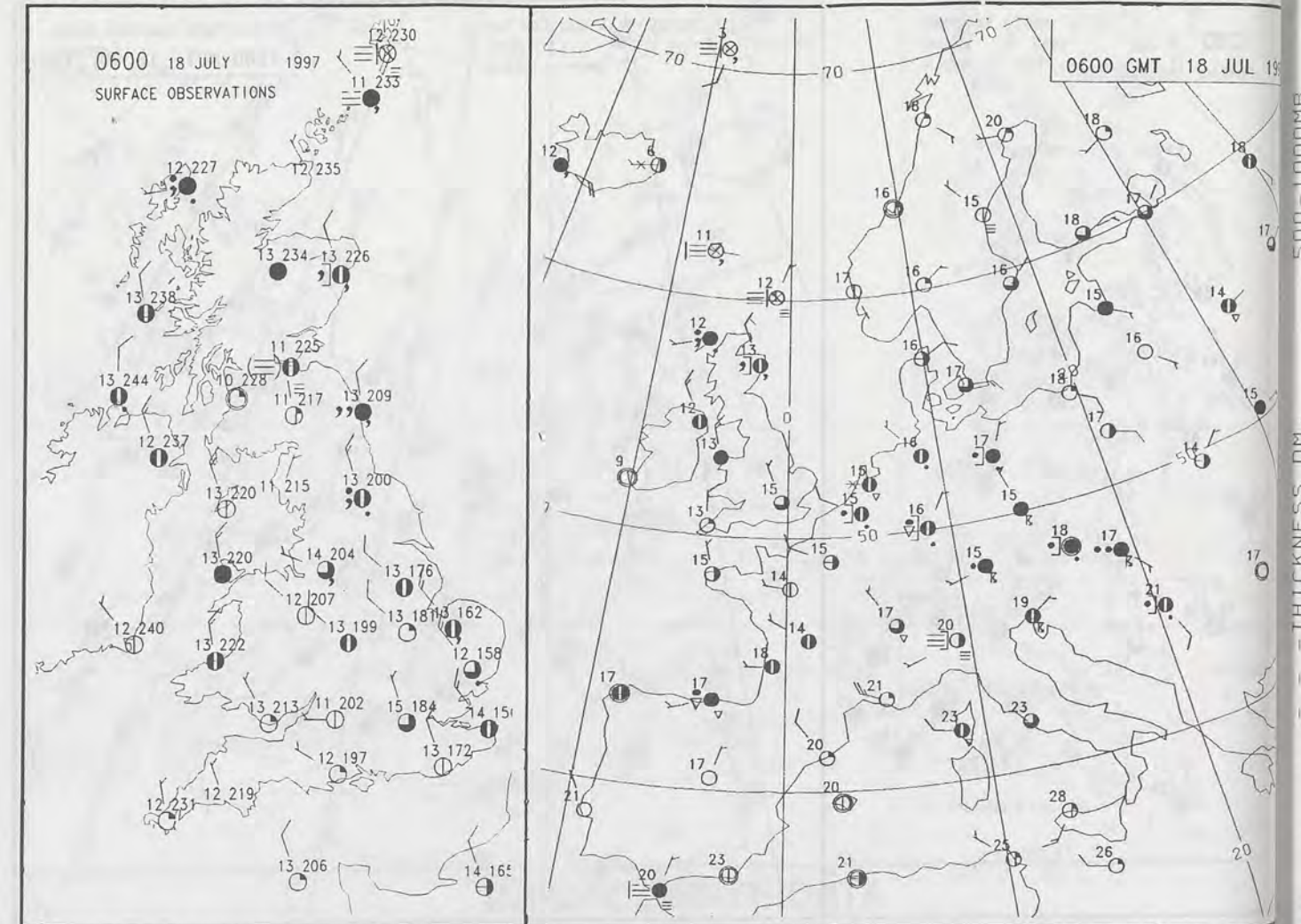
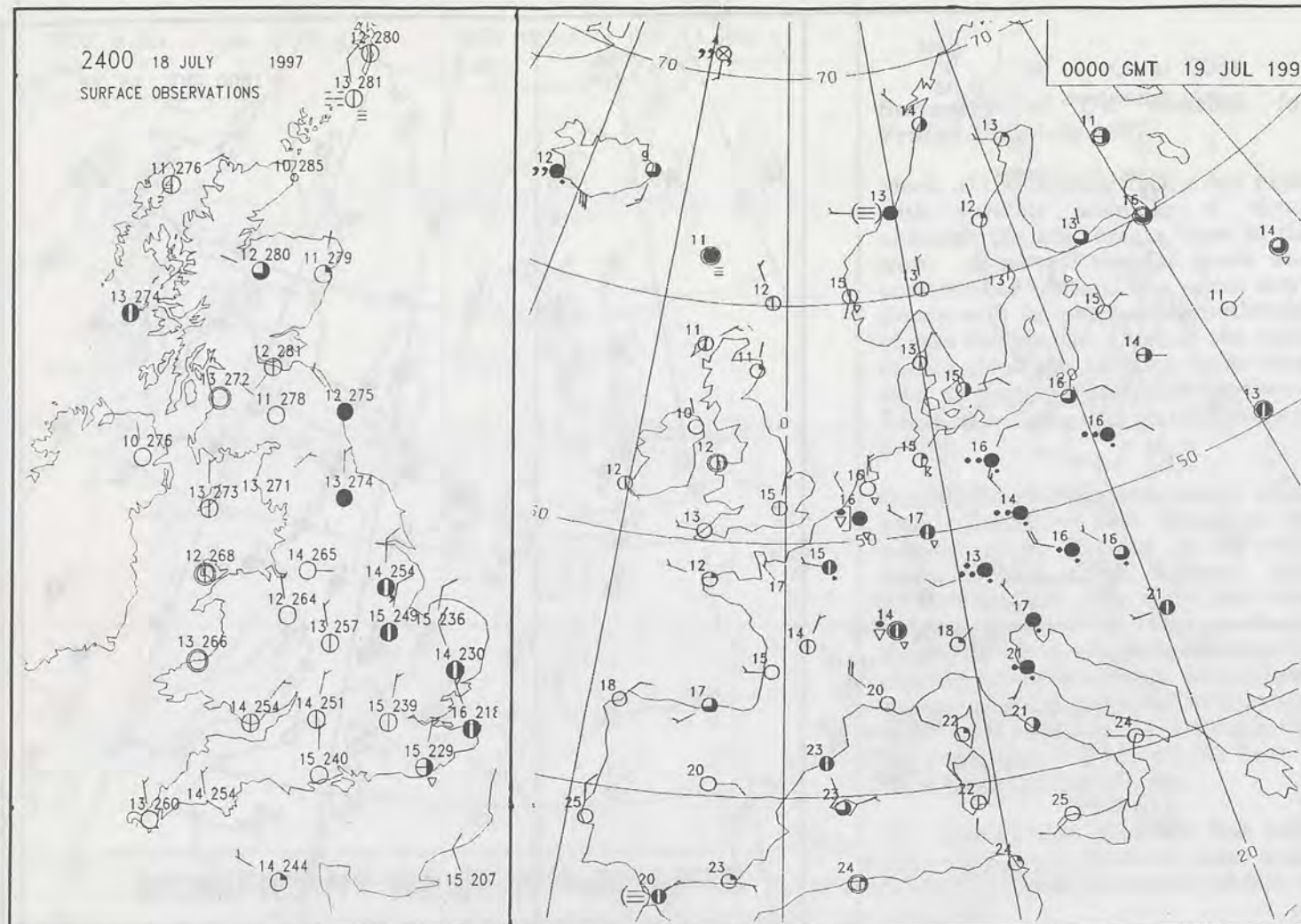
MSLP ANALYSIS DT 1200 UTC 18 JUL 1997



MSLP ANALYSIS DT 1800 UTC 18 JUL 1997









JUL 19

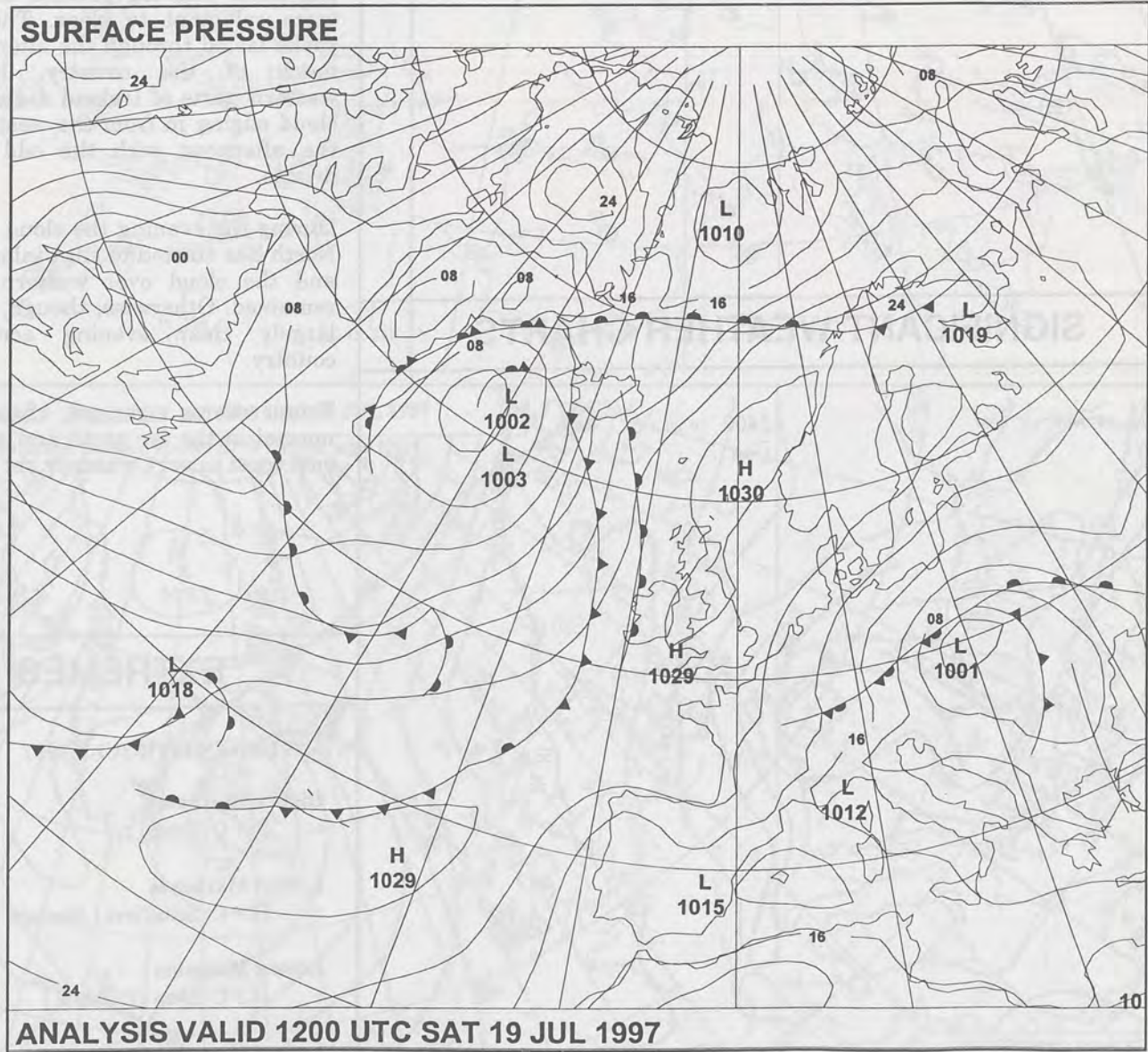
500-1000MB  
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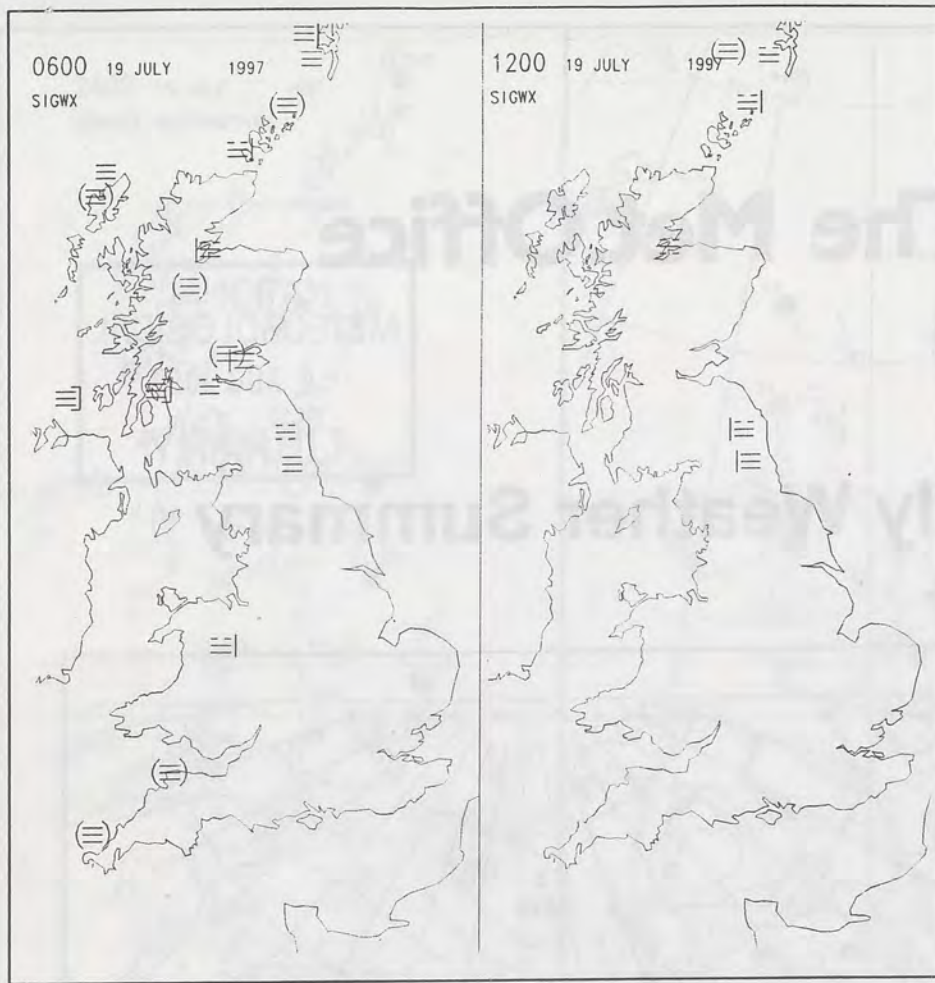
NATIONAL  
METEOROLOGICAL  
- 4 AUG 1997  
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## The Daily Weather Summary

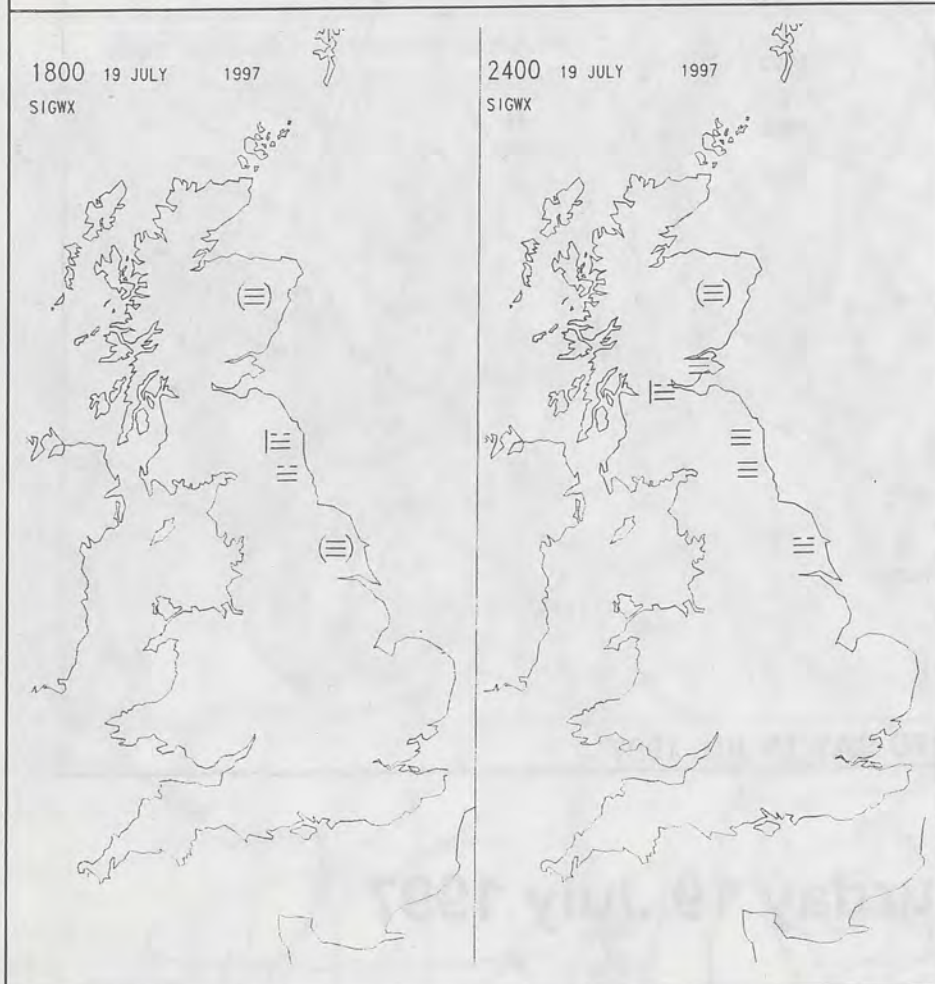


Saturday 19 July 1997





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

### Summary of UK weather for Saturday 19th July 1997

It was a dry night across the country with good clear spells for most. However, low cloud and patchy mist and fog did affect the east side of the country from time to time, rolling in from the North Sea. By morning this had extended as far as some parts of central England.

During the morning much of the cloud broke up to leave the vast majority of the country with good sunny spells. However, along the east coast some of the cloud and fog patches did prove more reluctant to clear. The sunny spells lasted through the afternoon for much of the country. However, western parts of Ireland did see more cloud edging in from the west later in the afternoon with the odd spot of drizzle.

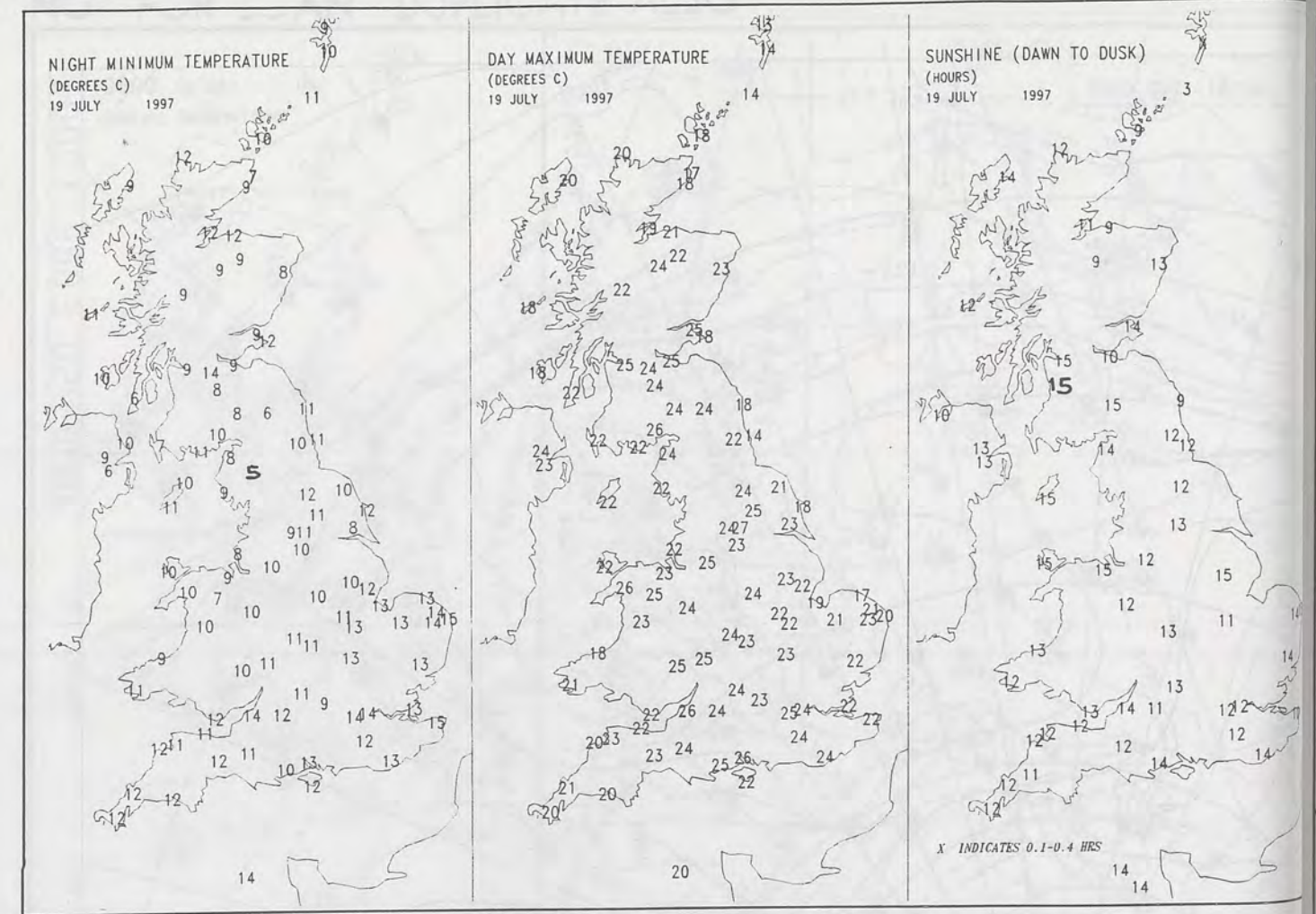
During the evening the cloud over the North Sea started to edge inland again and the cloud over western Ireland remained. Otherwise, though, it was a largely clear evening across the country.

Temperatures ranged from near normal in the far north and along the east coast to very warm or hot inland.

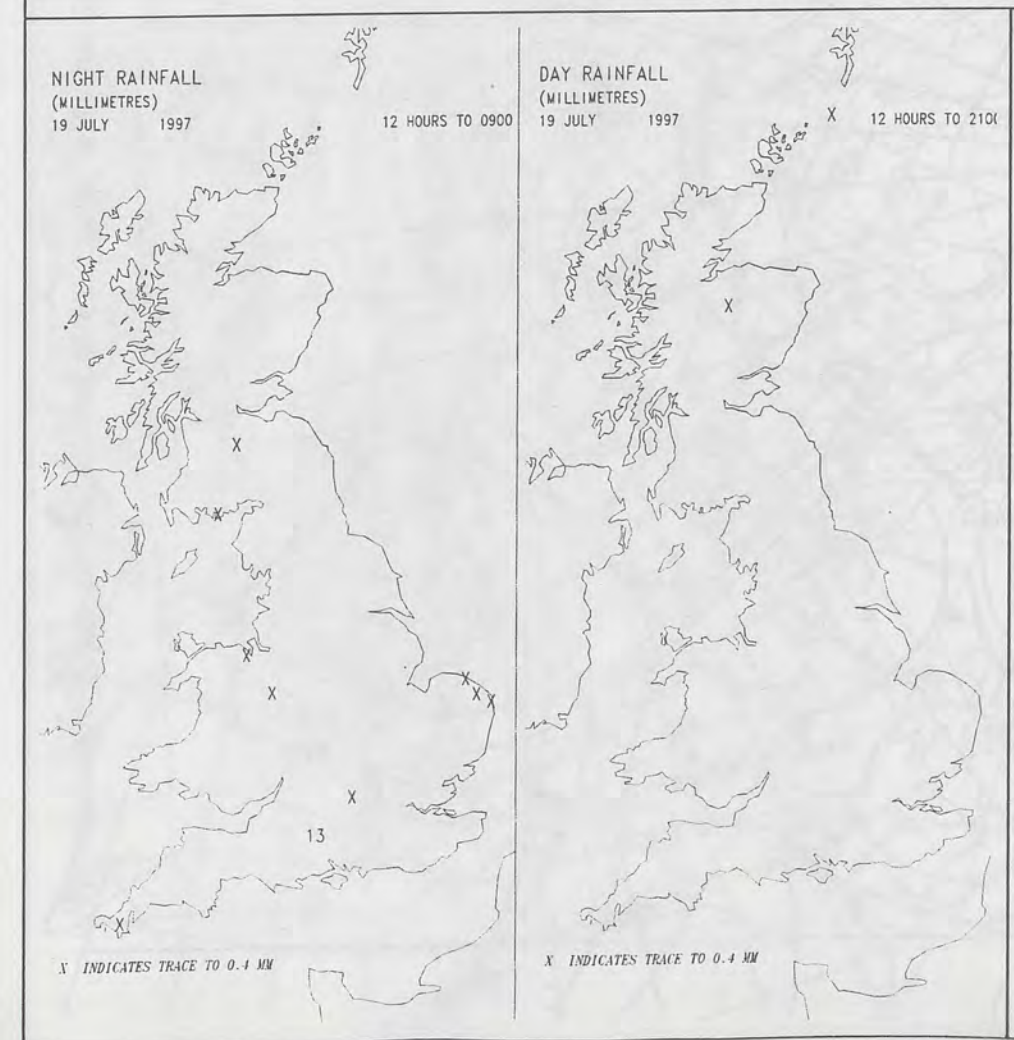
### EXTREMES

#### SATURDAY 19TH JULY 1997

- Highest Maximum**  
: 26.8 C Leeds
- Lowest Maximum**  
: 13.4 C Sella Ness [ Shetland ]
- Lowest Minimum**  
: 5.3 C Shap [ Cumbria ]
- Lowest Grass Minimum**  
: 0.1 C Shap
- Most Rain (24 hrs from 0900 GMT)**  
: No significant rain reported
- Most Sunshine**  
: 15.4 hrs Prestwick [ South Ayrshire ] and Isle of Man



## DAILY CLIMATE DATA



### DAILY WEATHER SUMMARY



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Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



1800 GMT 19 JUL 1999

The map displays the following features:

- Geographic Grid:** Latitude lines are marked at 50, 60, and 70 degrees North. Longitude lines are marked at 0, 10, 20, 30, and 40 degrees East.
- Coastlines:** The outlines of Europe, North Africa, and parts of Asia are shown.
- Station Symbols:**
  - Open Circles:** Represent various types of stations, often with numbers inside (e.g., 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28, 32).
  - Filled Circles:** Represent another type of station or data point.
  - Triangles:** Some stations are marked with triangles.
  - Special Symbols:** Some stations have unique symbols, such as a circle with a cross (e.g., 10) or a circle with a dot (e.g., 11).
- Data Labels:** Numbers are placed near many stations, likely representing specific data values (e.g., 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28, 32).

The map displays a complex weather system in the North Atlantic. A low-pressure system (L1001) is centered over the British Isles, with a cold front extending northwest and a warm front extending southeast. An occluded front is also present. High-pressure systems (H1029, H1019) are located to the west and east of the low. Wind vectors indicate a strong cyclonic flow around the central low. The map includes latitude and longitude markings and a scale of nautical miles.

**MSLP ANALYSIS DT 1800 UTC 19 JUL 1997**

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

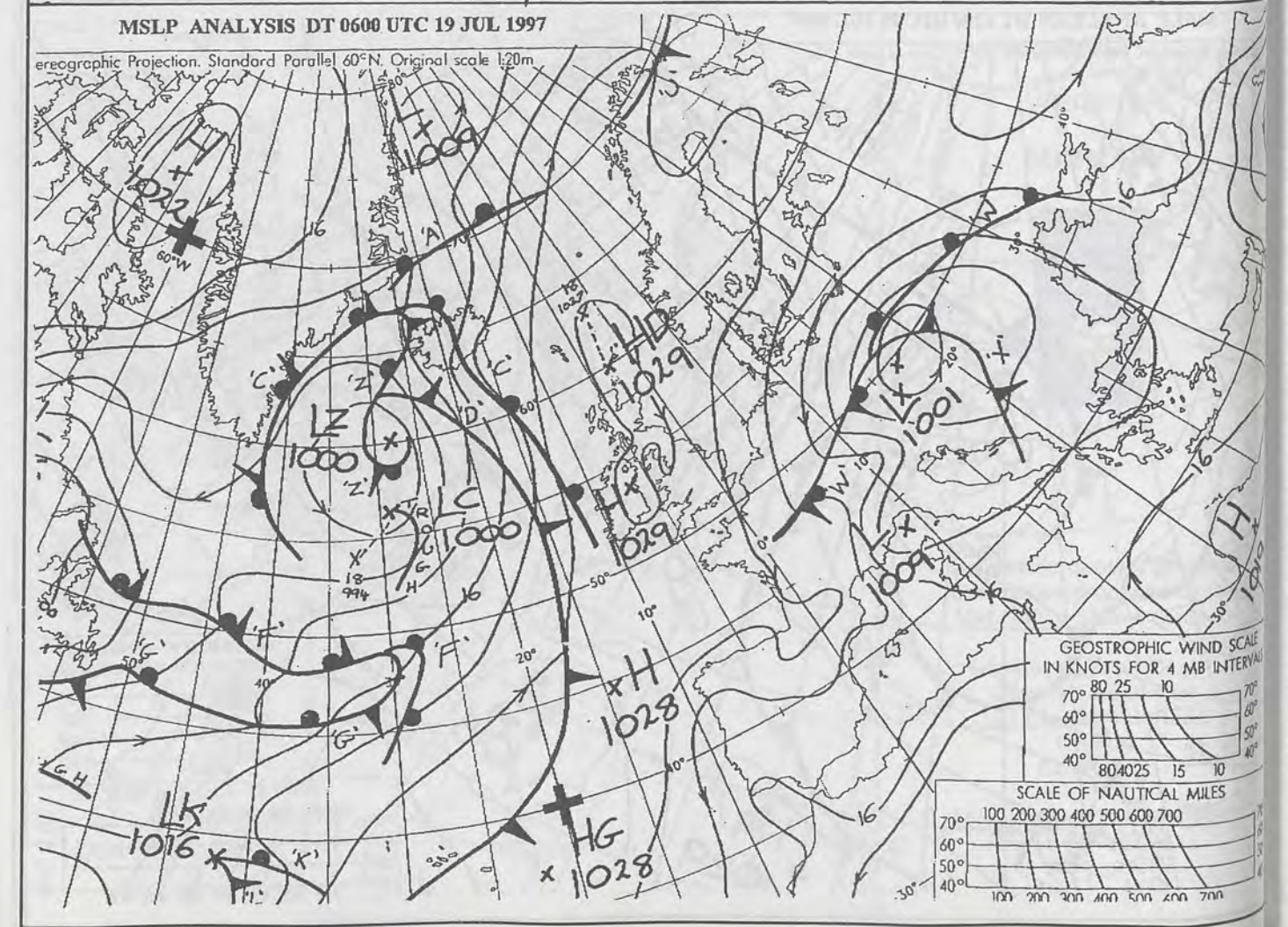
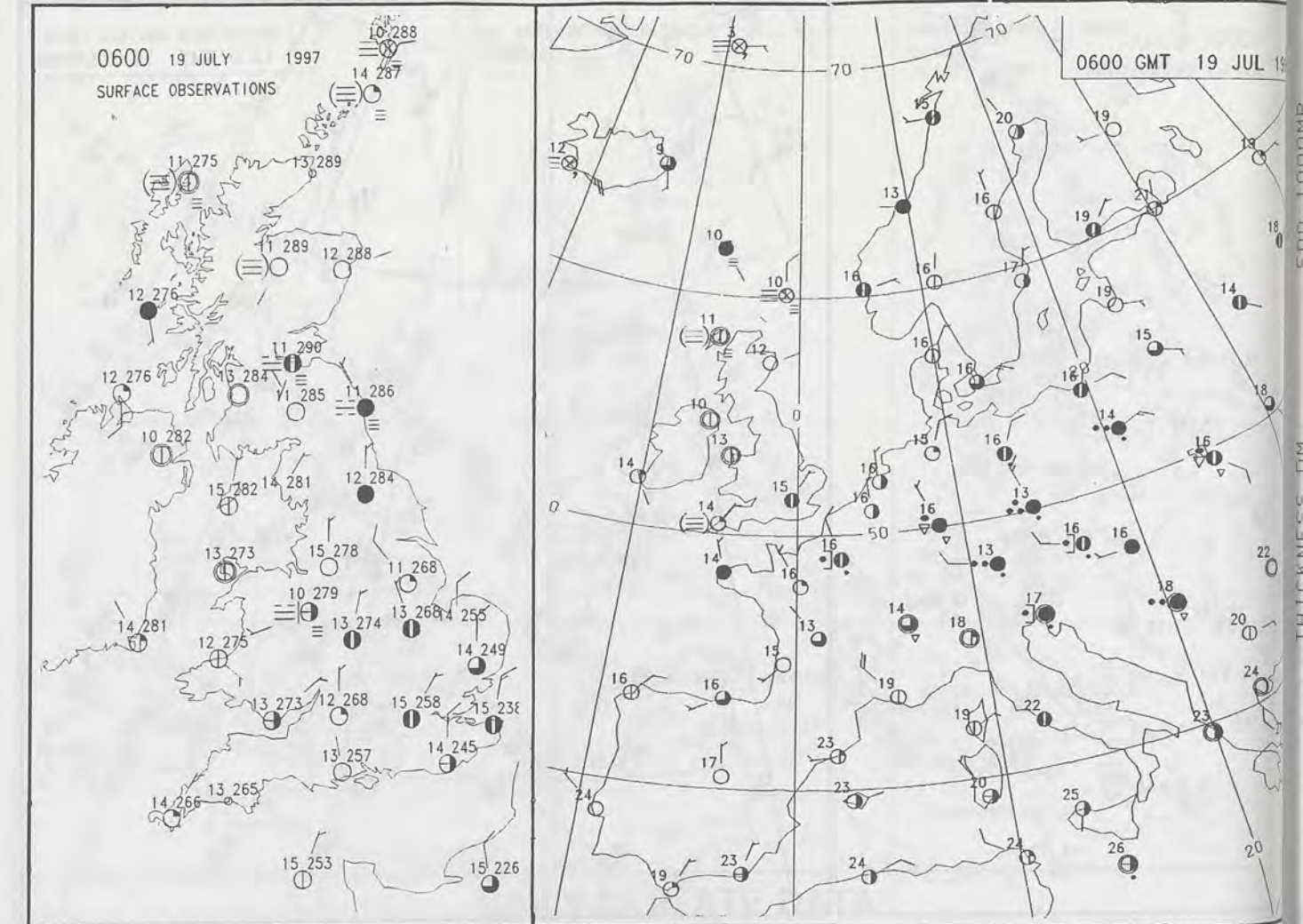
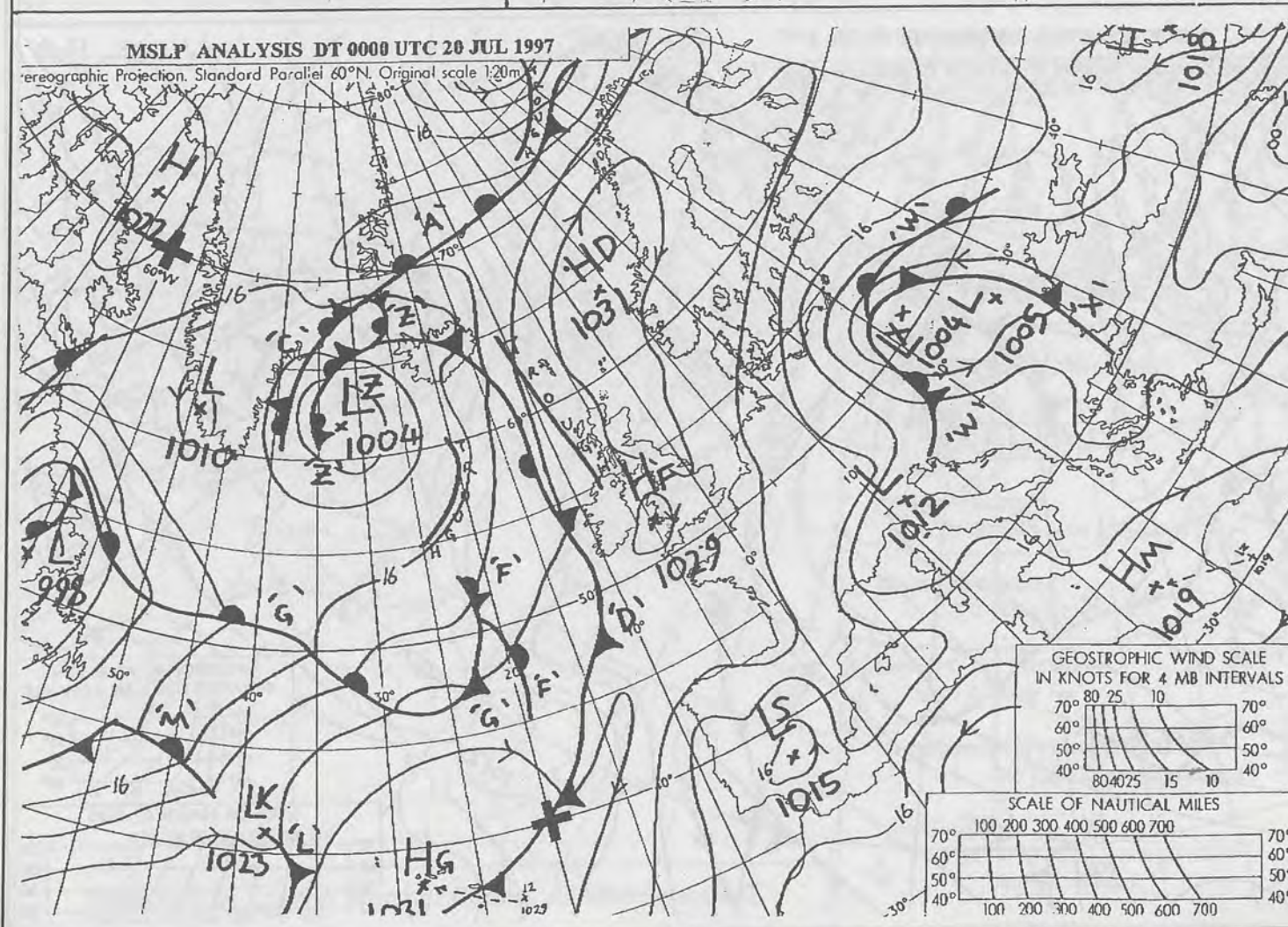
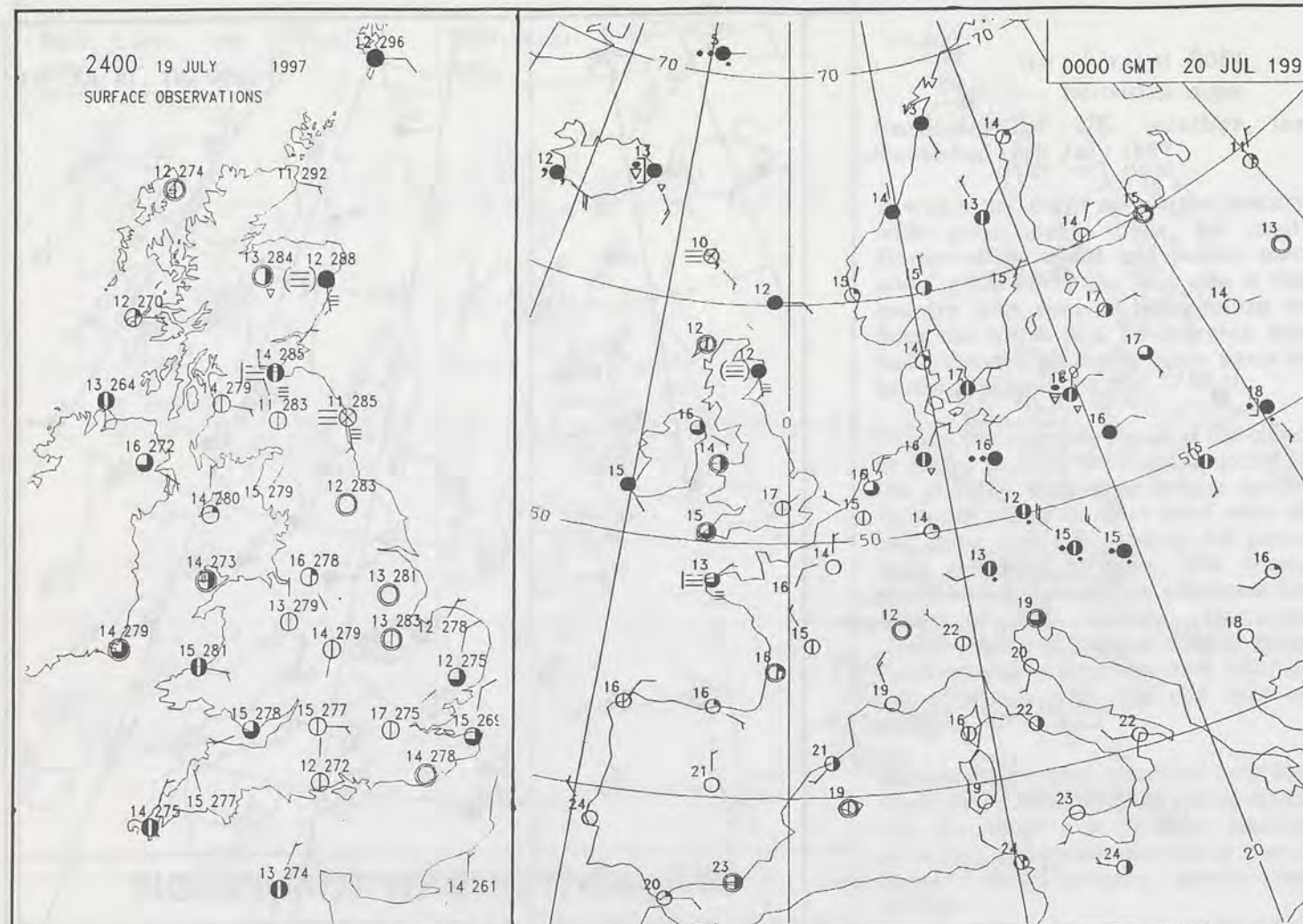
**GEOSTROPHIC WIND SCALE**  
IN KNOTS FOR 4 MB INTERVALS

70° 80 25 10 70°  
60° 60°  
50° 50°  
40° 40°

**SCALE OF NAUTICAL MILES**  
100 200 300 400 500 600 700

70° 70°  
60° 60°  
50° 50°  
40° 40°

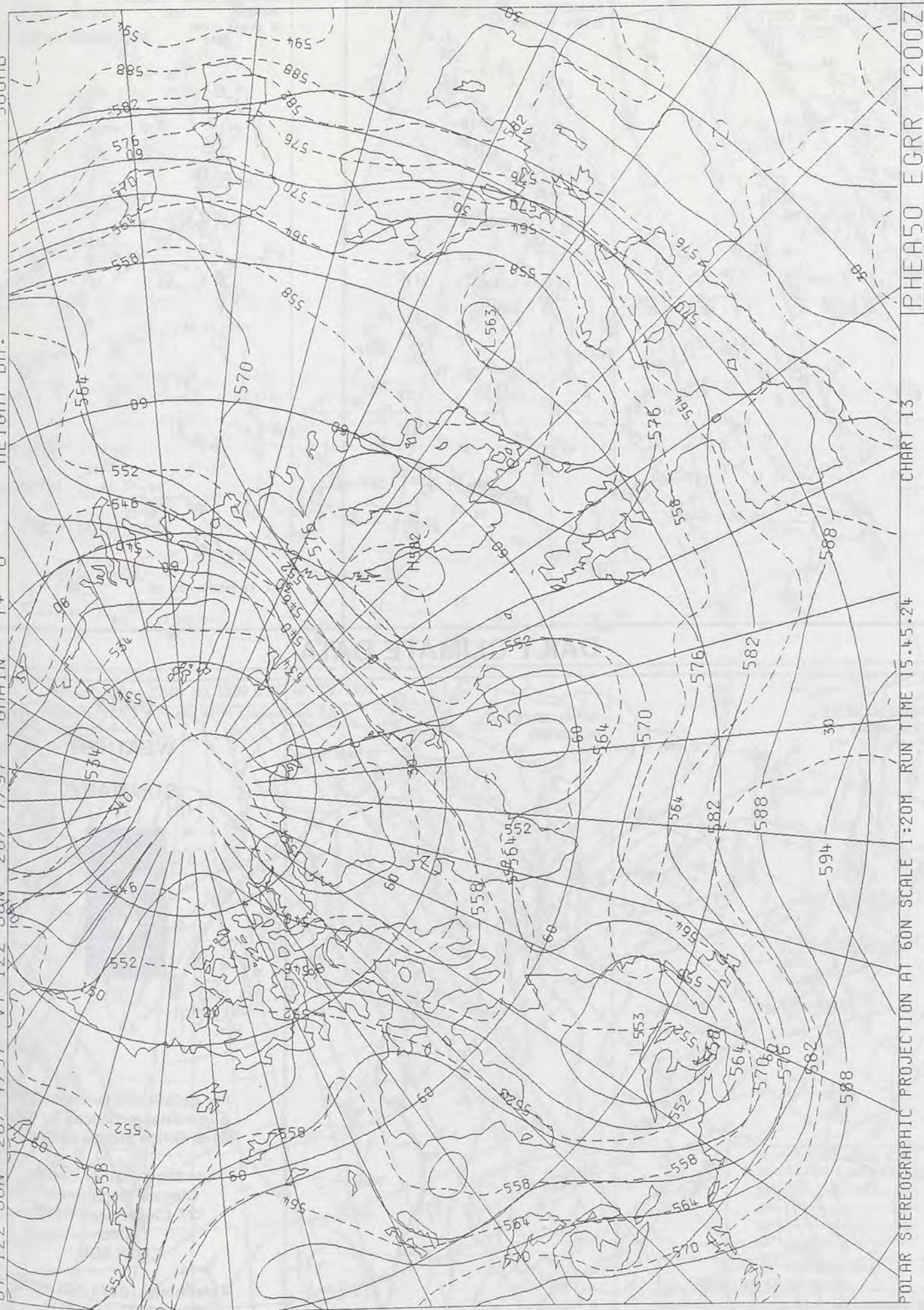






JUL 19

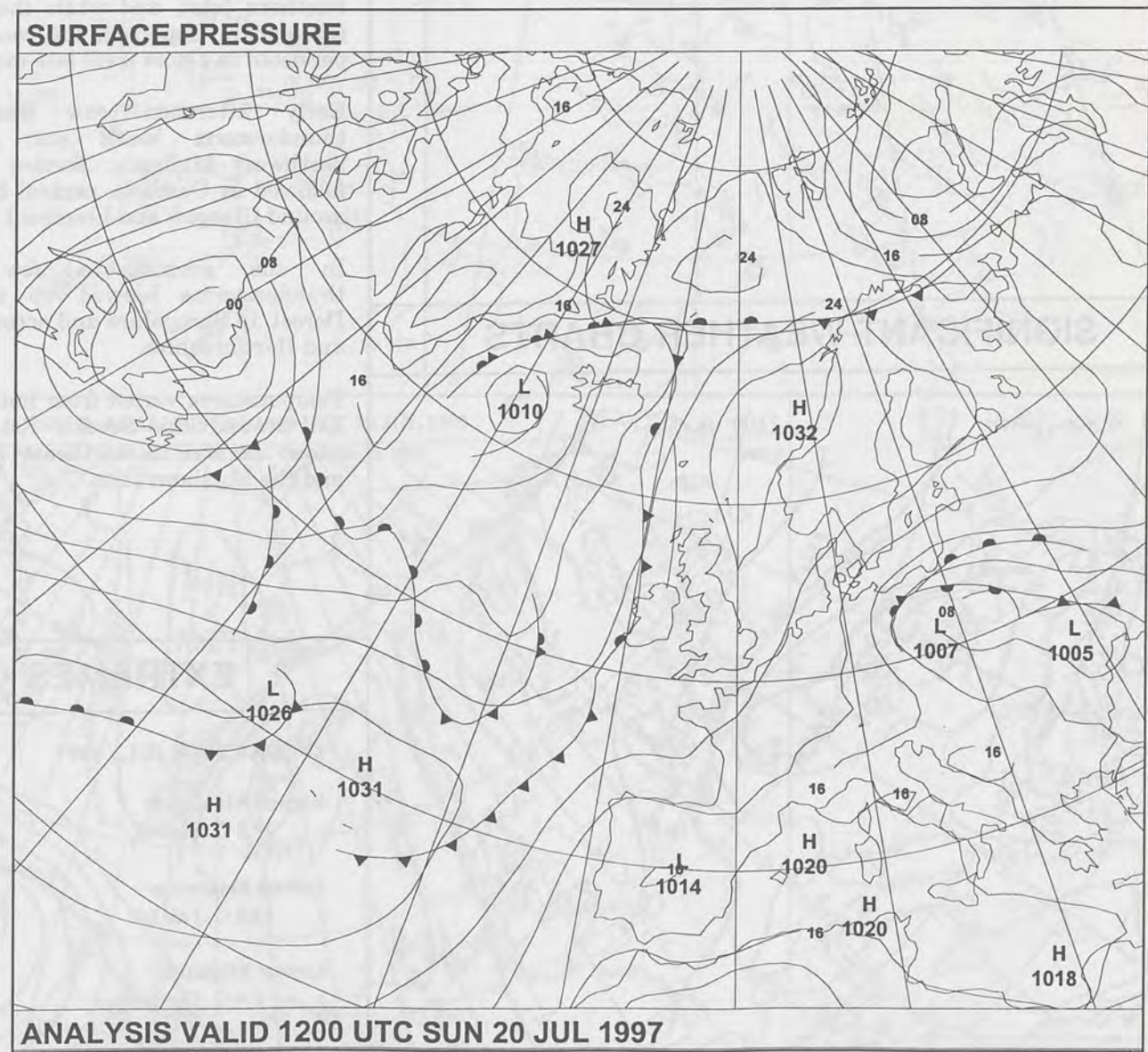
500-1000MB  
THICKNESS DM.  
HEIGHT DM.  
DT 12Z SUN 20/ 7/97 VT 12Z SUN 20/ 7/97 GMAIN T+ 0  
WIND SCALE  
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METEOROLOGICAL  
- 4 AUG 1997  
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## The Daily Weather Summary



### Sunday 20 July 1997



0600 20 JULY 1997  
SIGWX



1200 20 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 20 JULY 1997  
SIGWX



2400 20 JULY 1997  
SIGWX



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Sunday 20th July 1997

There was a dry start to the day across the whole country, with mist in places. Apart from a spot of rain at Kinloss, all was dry in the early hours. Assorted coastal districts from Aberdeen to the Humber reported sea fog encroaching inland, and by dawn the inland mist had turned into fog in parts of the east Midlands and in the Home Counties just to the north of London.

During the morning drizzle fell along the coast around Aberdeen and in the Northern Isles, and while the inland fog quickly dispersed, the coastal fog persisted in places until late morning.

Early afternoon saw the first thunderstorm break out in the northwest Midlands, further storms followed in Cumbria, central Scotland around Glasgow and Liverpool.

In the evening a few more thunderstorms brewed up in west Dorset, in Shropshire and across Essex and Hertfordshire.

Temperatures varied from hot or very hot around the Severn Estuary to about normal in northeast Scotland and the Northern Isles.

## EXTREMES

### SUNDAY 20TH JULY 1997

**Highest Maximum**  
: 27.8 C Cardiff

**Lowest Maximum**  
: 13.0 C Fair Isle

**Lowest Minimum**  
: 6.4 C Glasgow

**Lowest Grass Minimum**  
: 2.0 C Glasgow

**Most Rain (24 hrs from 0900 GMT)**  
: 22.1mm Glasgow

**Most Sunshine**  
: 15.2 hrs Heathrow Airport and Eastbourne [ East Sussex ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
20 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
20 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
20 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
20 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
20 JULY 1997



## DAILY WEATHER SUMMARY

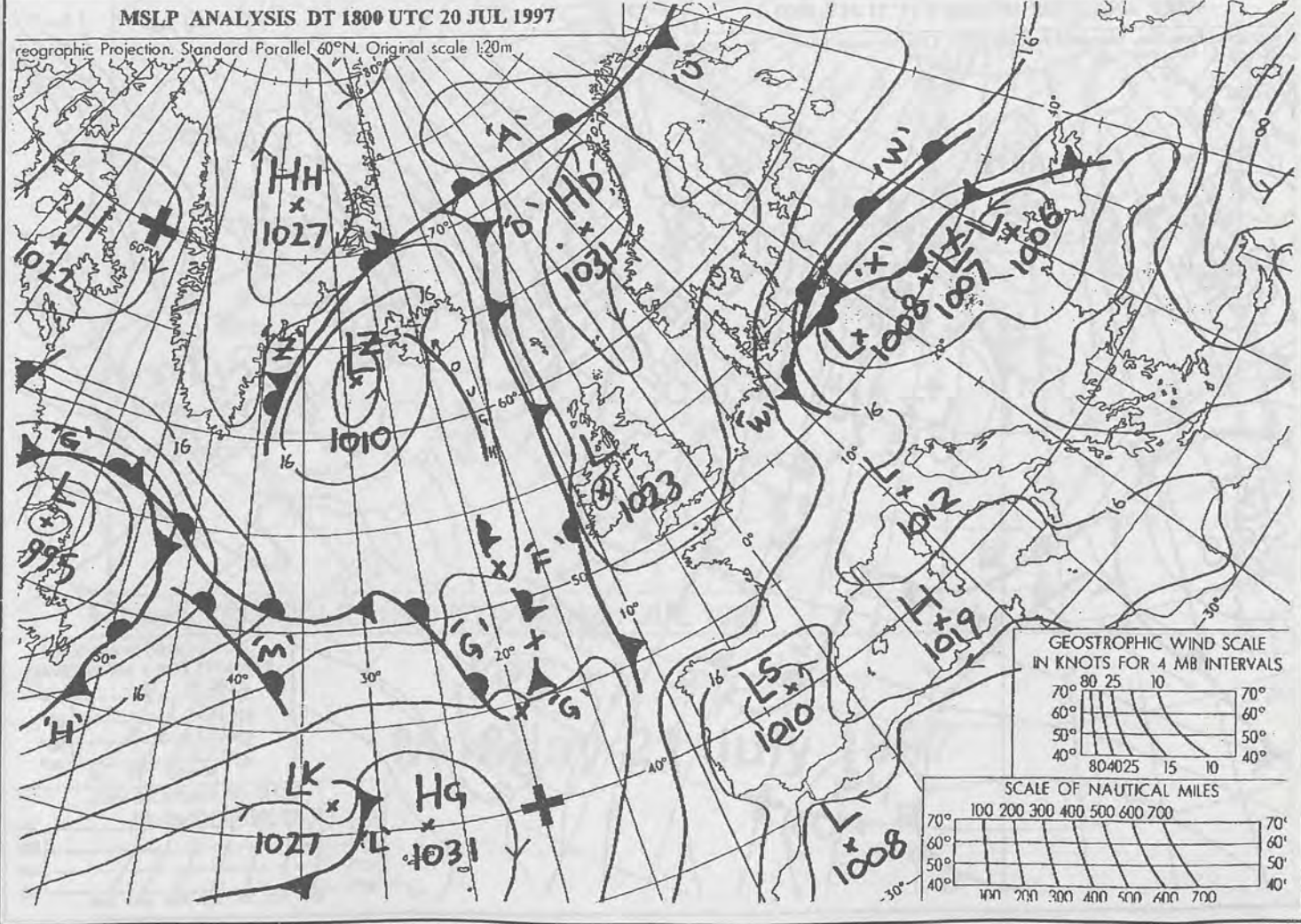
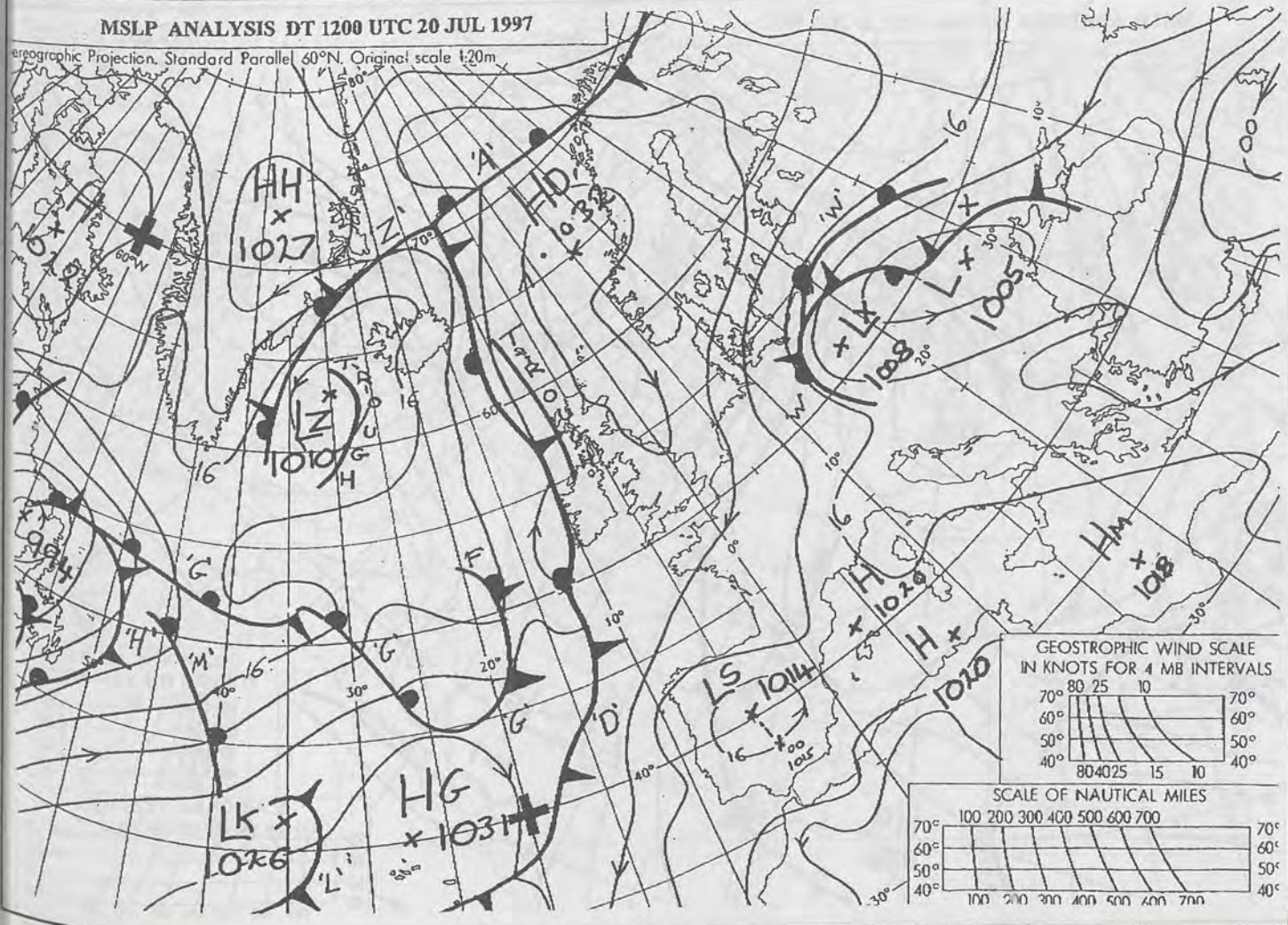
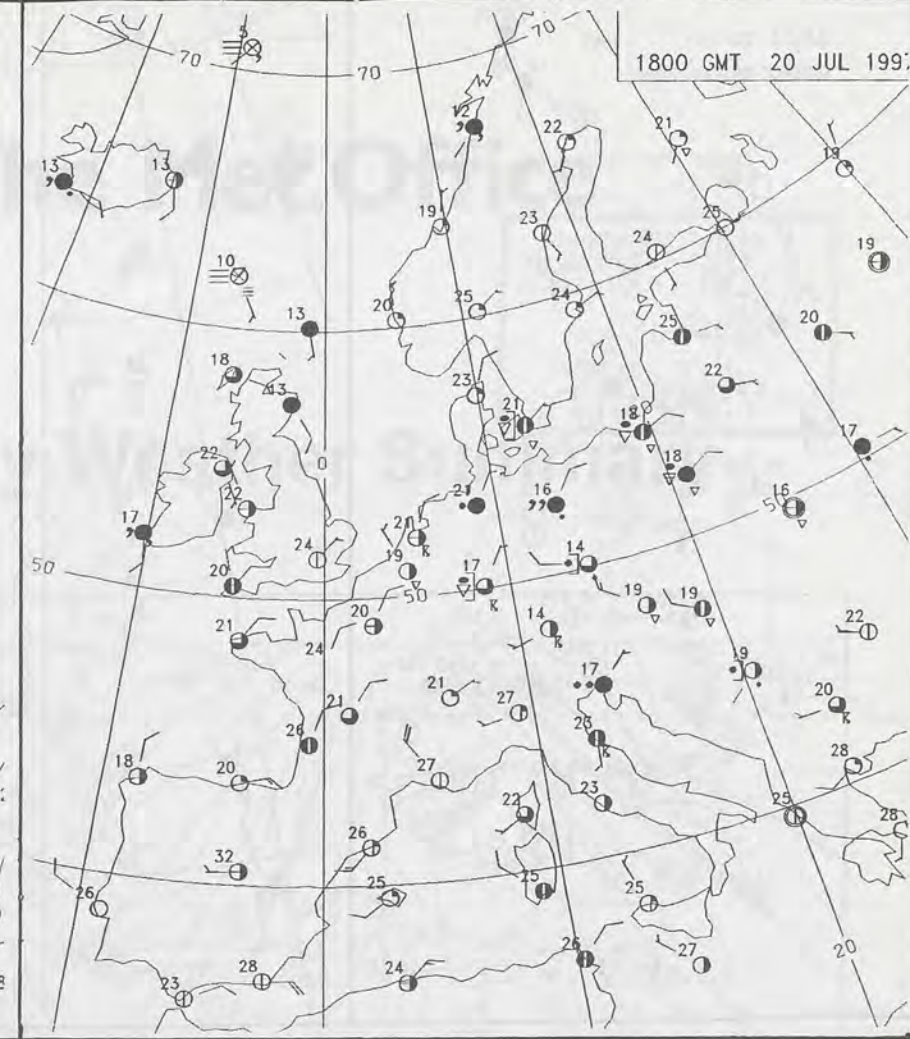
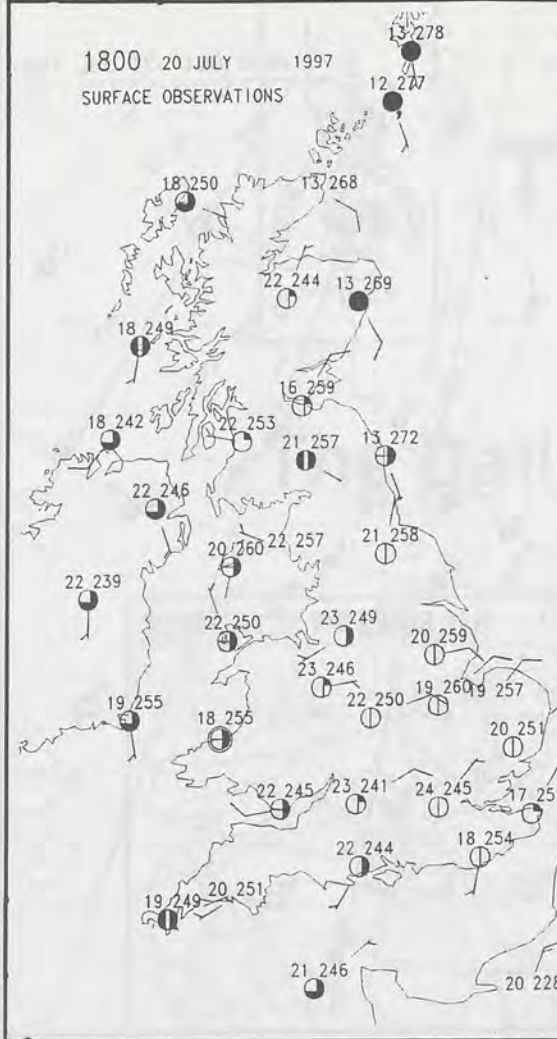
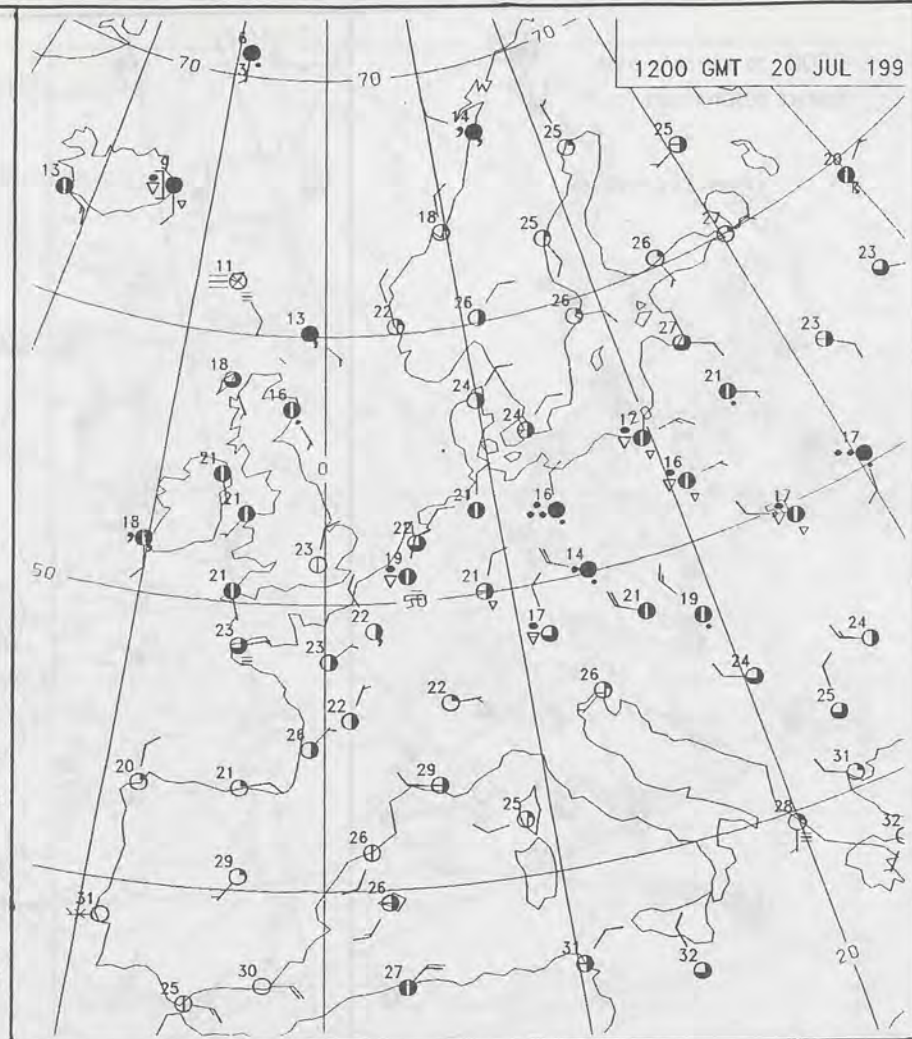


For details of other Weather Summaries produced by the Met. Office please contact:

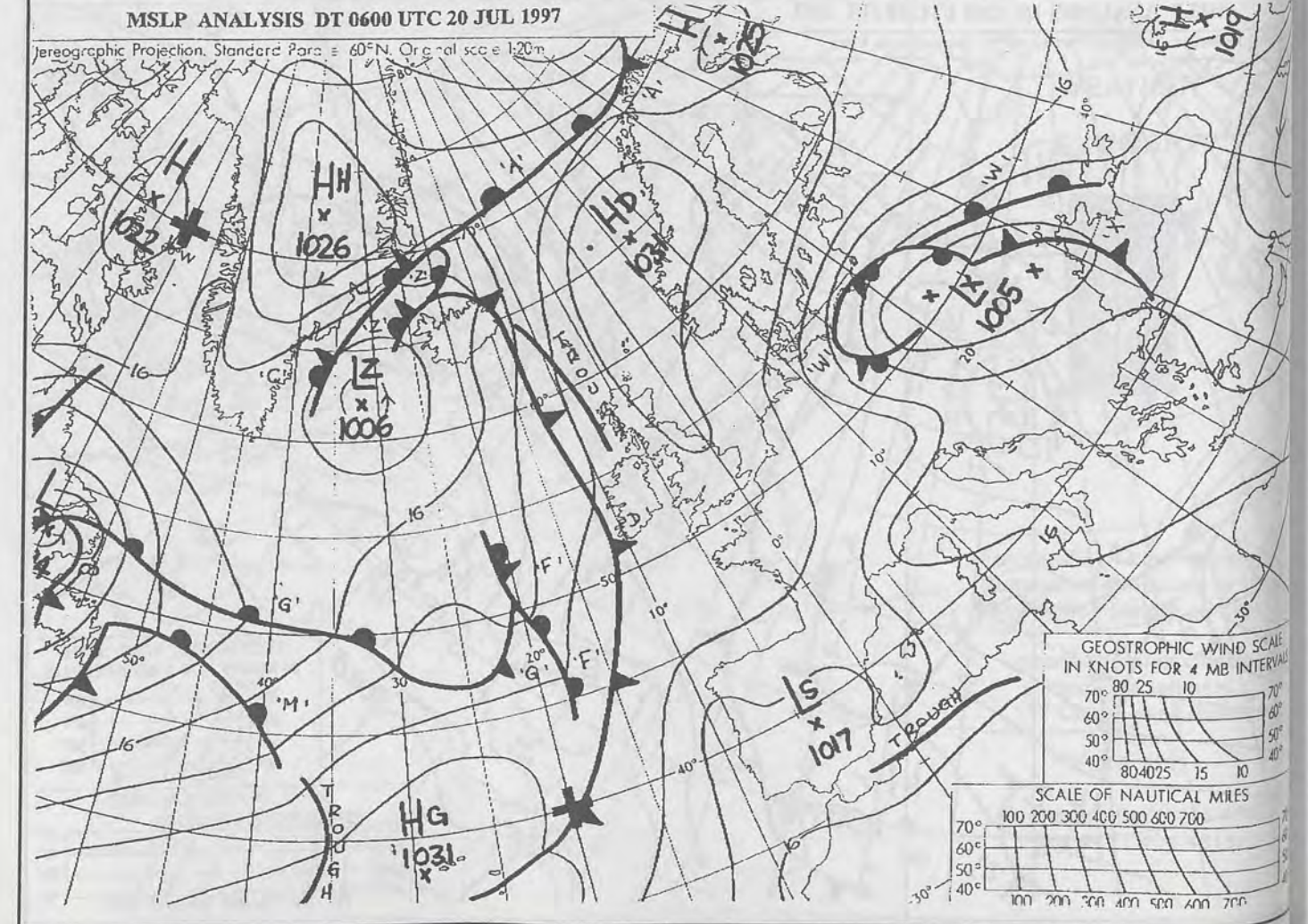
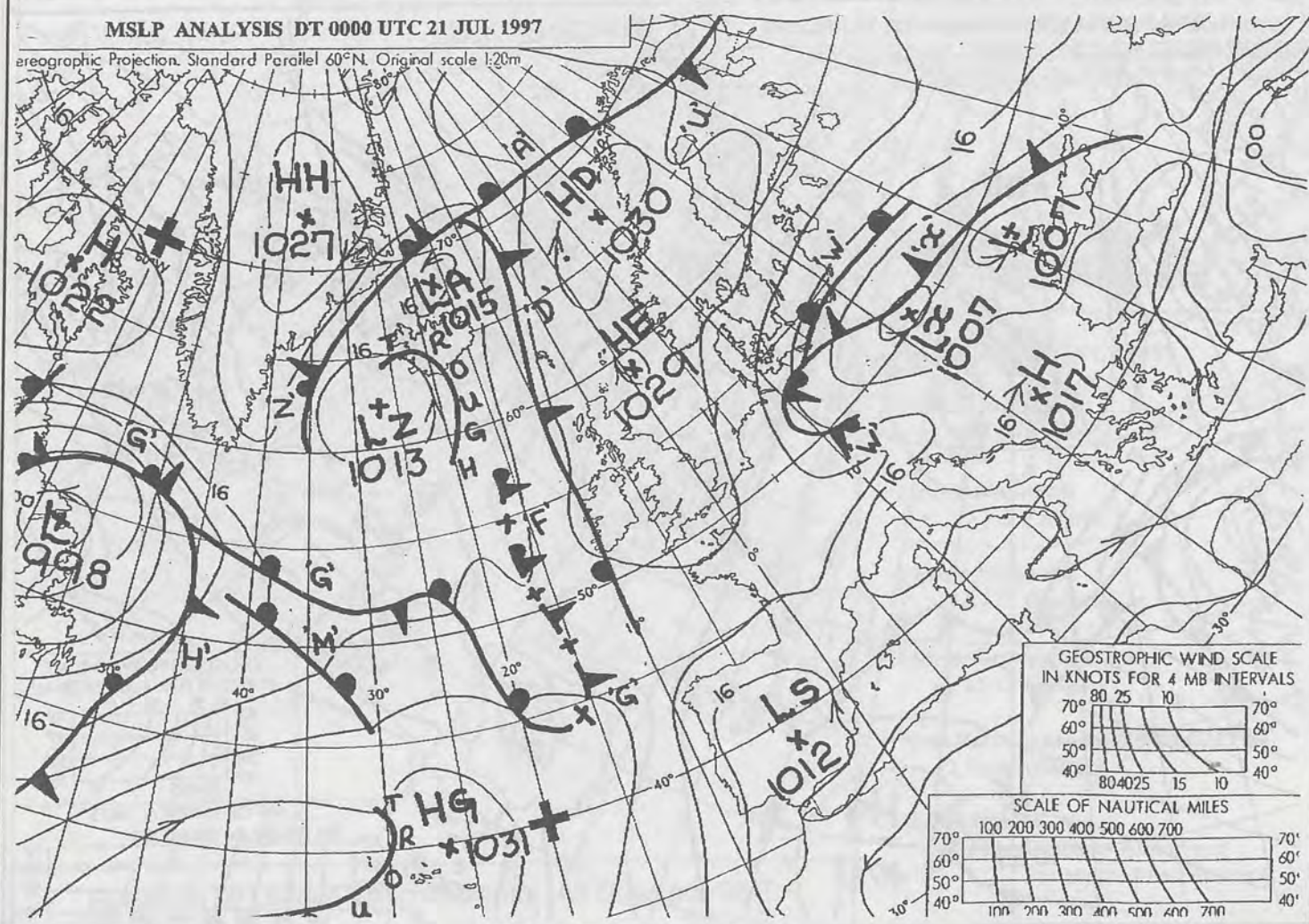
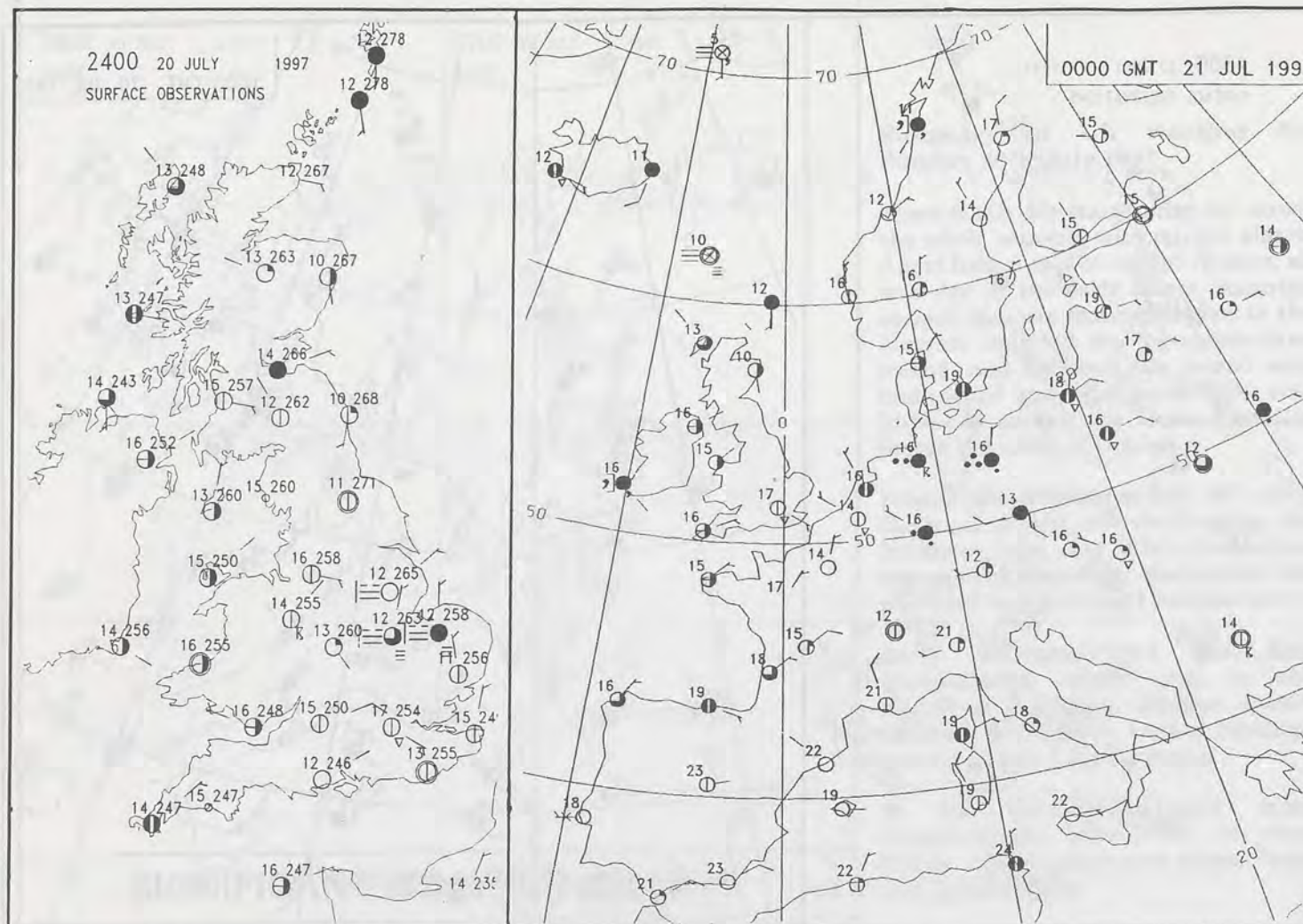
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314





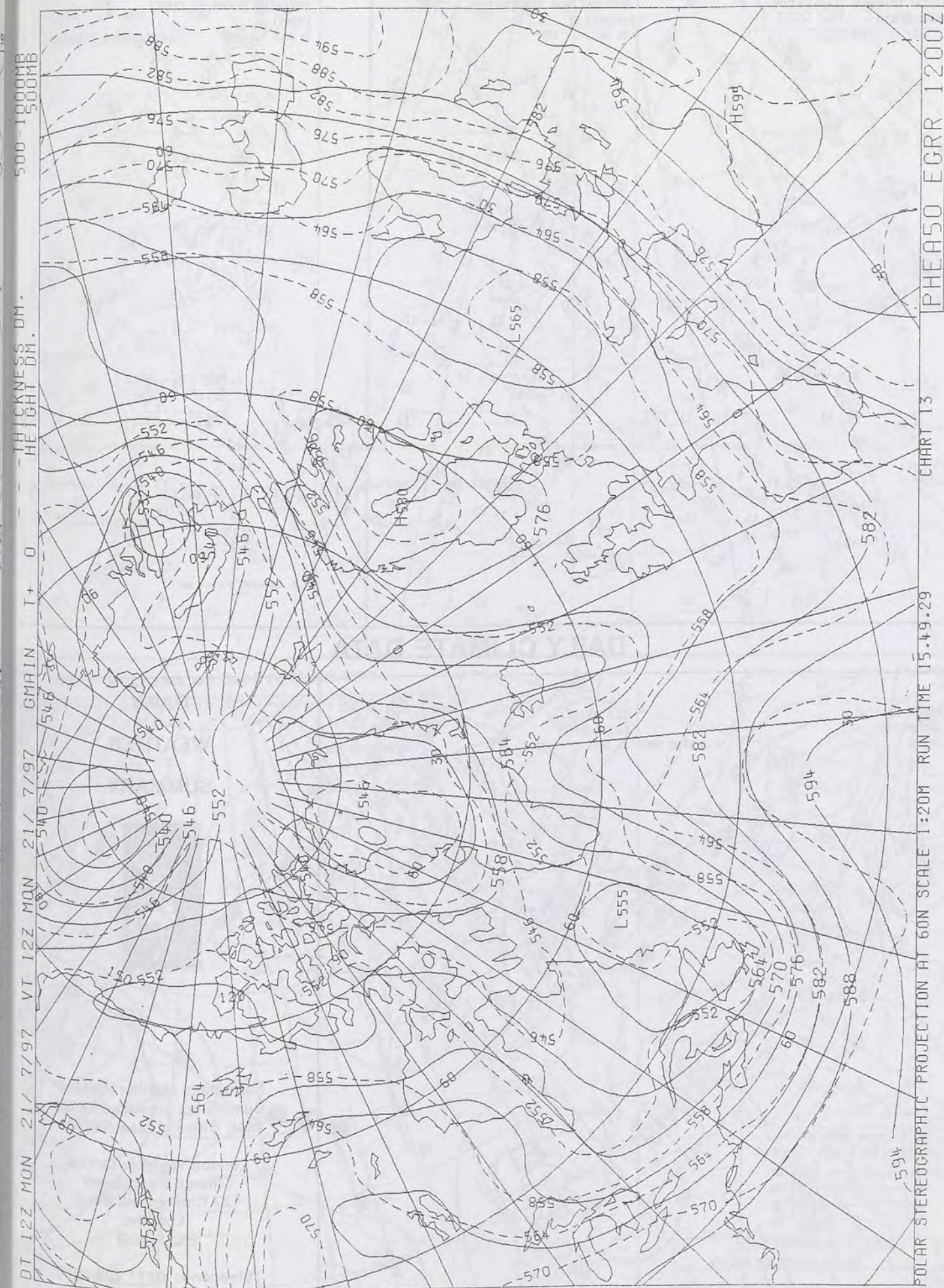




DT 12Z MON 21/ 7/97 VT 12Z MON 21/ 7/97 GMAIN T+ 0 -THICKNESS DM. 500-1000MB HEIGHT DM. 500MB



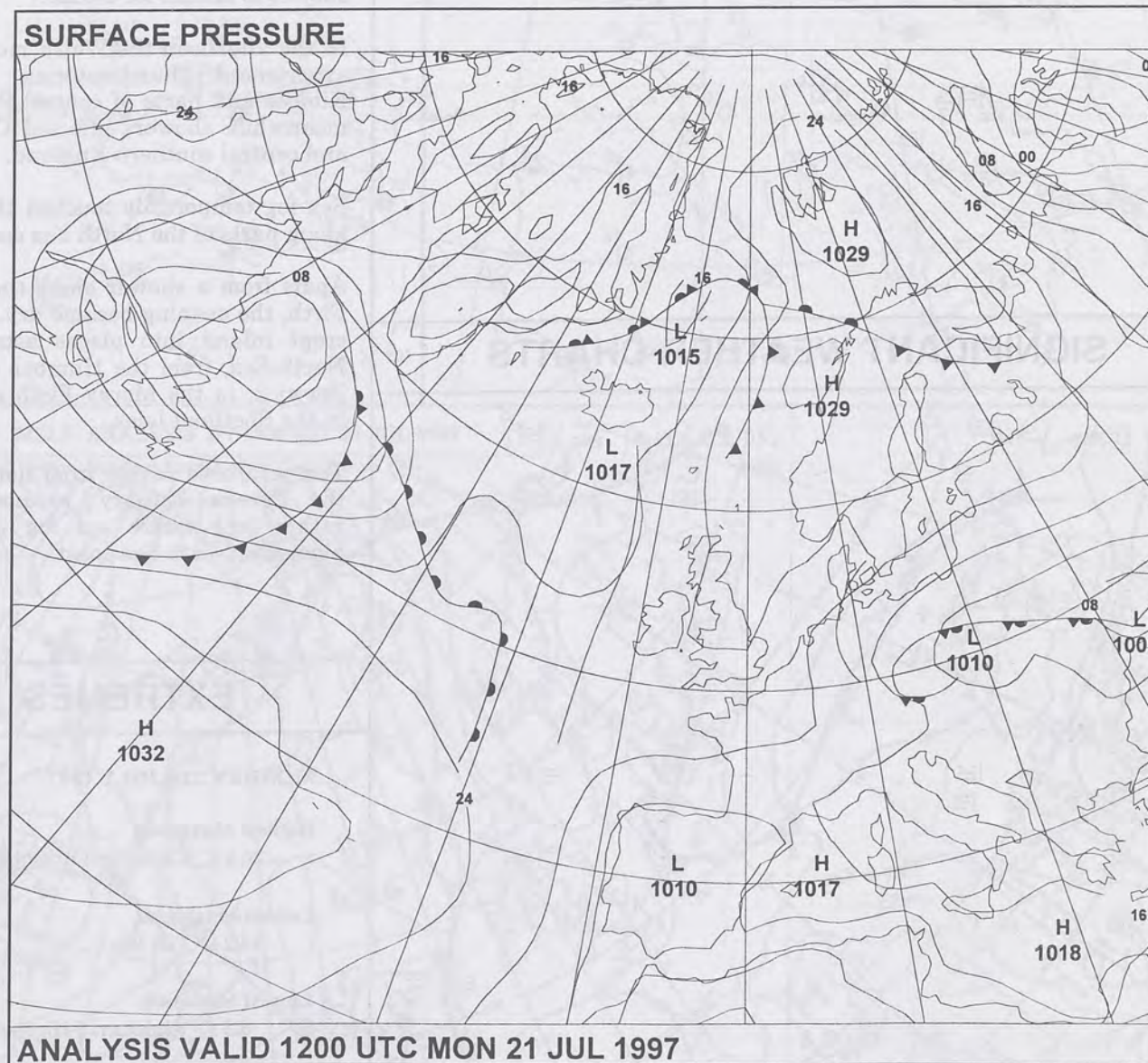
JUL 19



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## The Daily Weather Summary



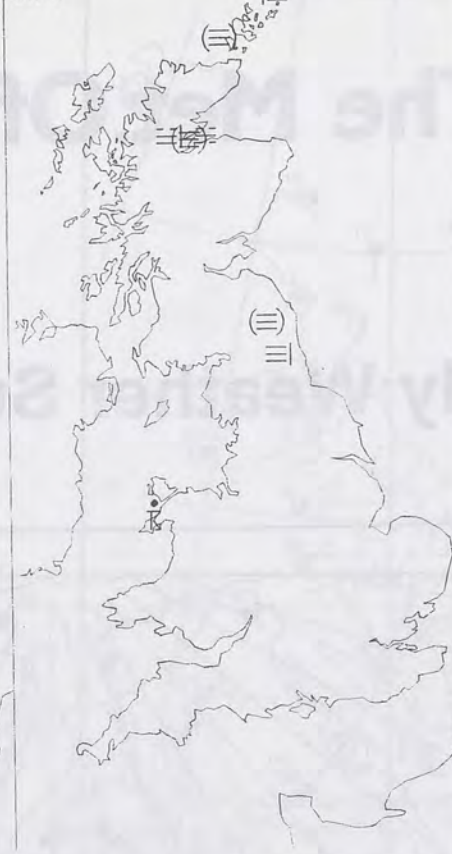
Monday 21 July 1997



0600 21 JULY 1997  
SIGWX



1200 21 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 21 JULY 1997  
SIGWX



2400 21 JULY 1997  
SIGWX



## Summary of UK weather for Monday 21st July 1997

The day started dry with fog being reported in Lincolnshire, the east Midlands, East Anglia and around Aberdeen. The Shetlands were dampened by drizzle for a short time during the early hours. By the dawn period the fog had extended into much of central southern and southeast England.

The morning saw the fog disperse, although parts of the North Sea coast were reluctant to clear. Orkney was subject to drizzle for a time.

In the afternoon the Welsh mountains experienced thunderstorms as did Kinloss and parts of central Scotland, meanwhile showers affected Cornwall and central southern England.

Sea fog temporarily touched the shore along parts of the North Sea coast.

Apart from a shower along the Moray Firth, the evening became dry. Sea fog crept inland into places astride the North Sea, from the Humber north to Berwick, in the Moray Firth and also in the Shetland Isles.

Temperatures varied from hot around the Severn Estuary, to normal or rather cool where sea fog persisted along the North Sea coast.

## EXTREMES

### MONDAY 21st JULY 1997

**Highest Maximum**  
: 26.6 C Cardiff and Bristol

**Lowest Maximum**  
: 14.2 C Fair Isle

**Lowest Minimum**  
: 6.5 C Altnaharra [ Highland ]

**Lowest Grass Minimum**  
: 0.9 C Birmingham

**Most Rain (24 hrs from 0900 GMT)**  
: 2.6mm Kinloss [ Moray Firth ]

**Most Sunshine**  
: 15.8 hrs Bastreet [ Cornwall ]

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
21 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
21 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
21 JULY 1997



X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
21 JULY 1997



X INDICATES TRACE TO 0.4 MM

DAY RAINFALL  
(MILLIMETRES)  
21 JULY 1997



X INDICATES TRACE TO 0.4 MM

## DAILY WEATHER SUMMARY



For details of other Weather  
Summaries produced by the  
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London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

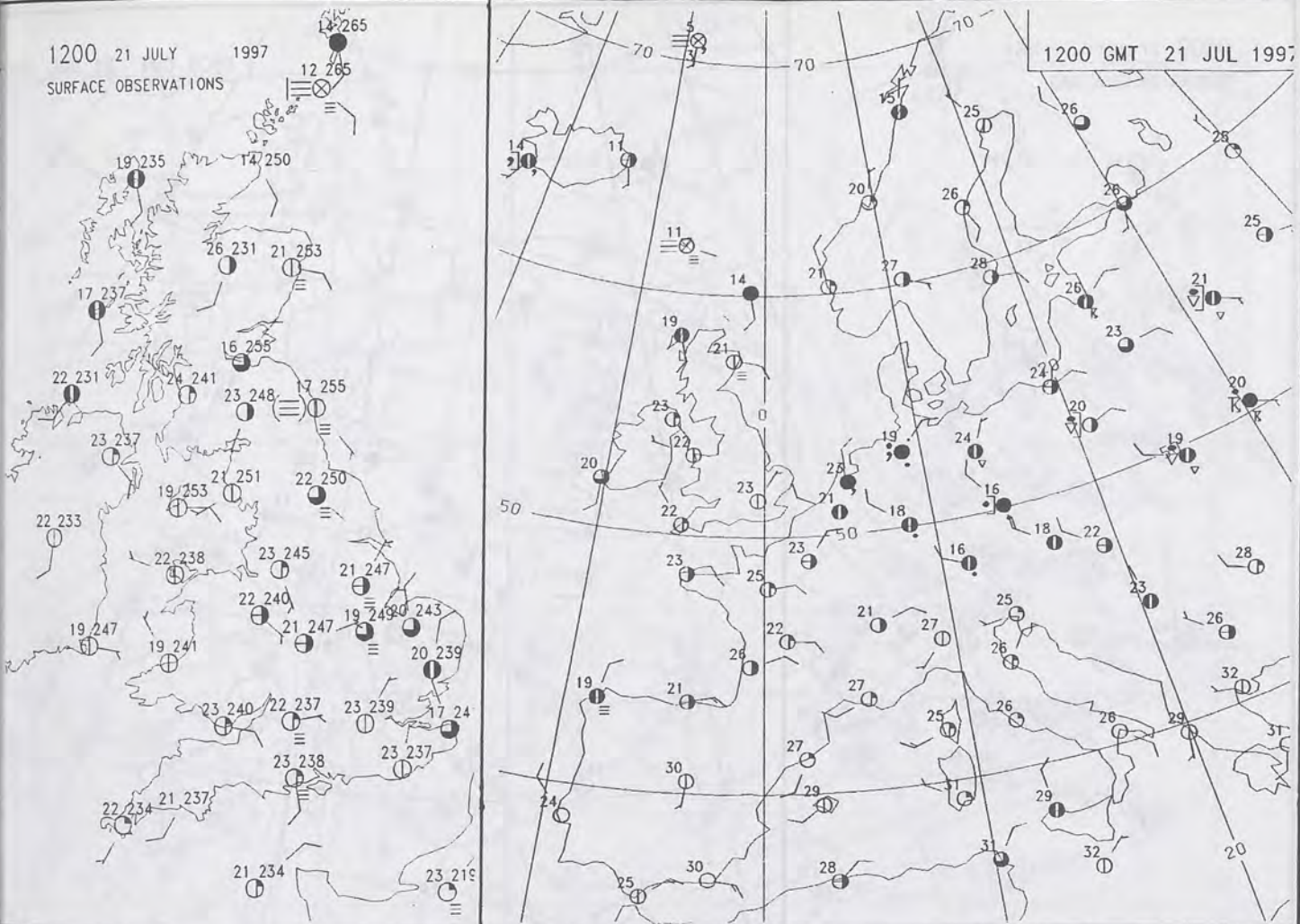
Telephone: 0171 405 4358  
Fax: 0171 404 4314

Published by London Weather Centre. All times are GMT.



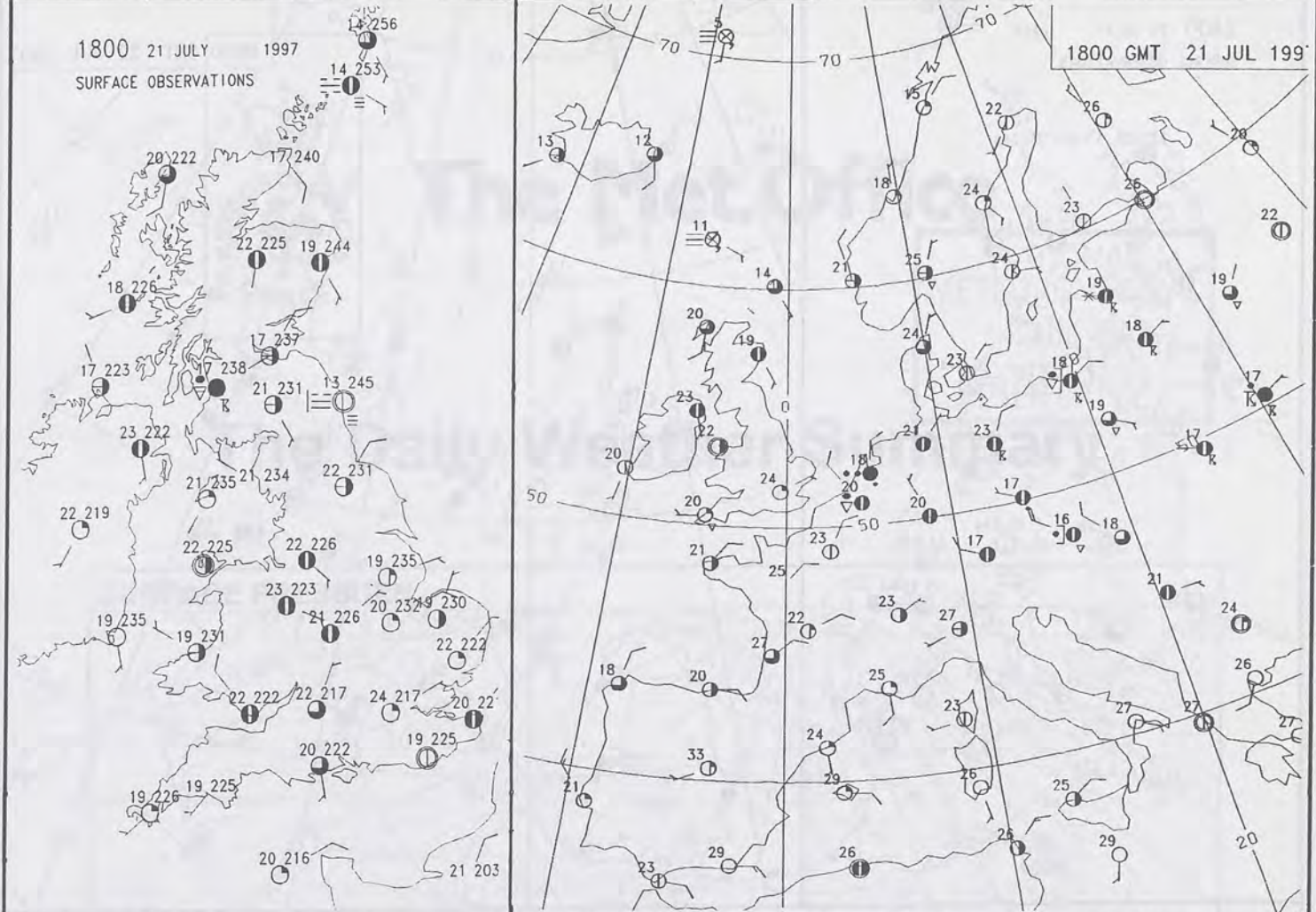
1200 21 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 21 JUL 1997

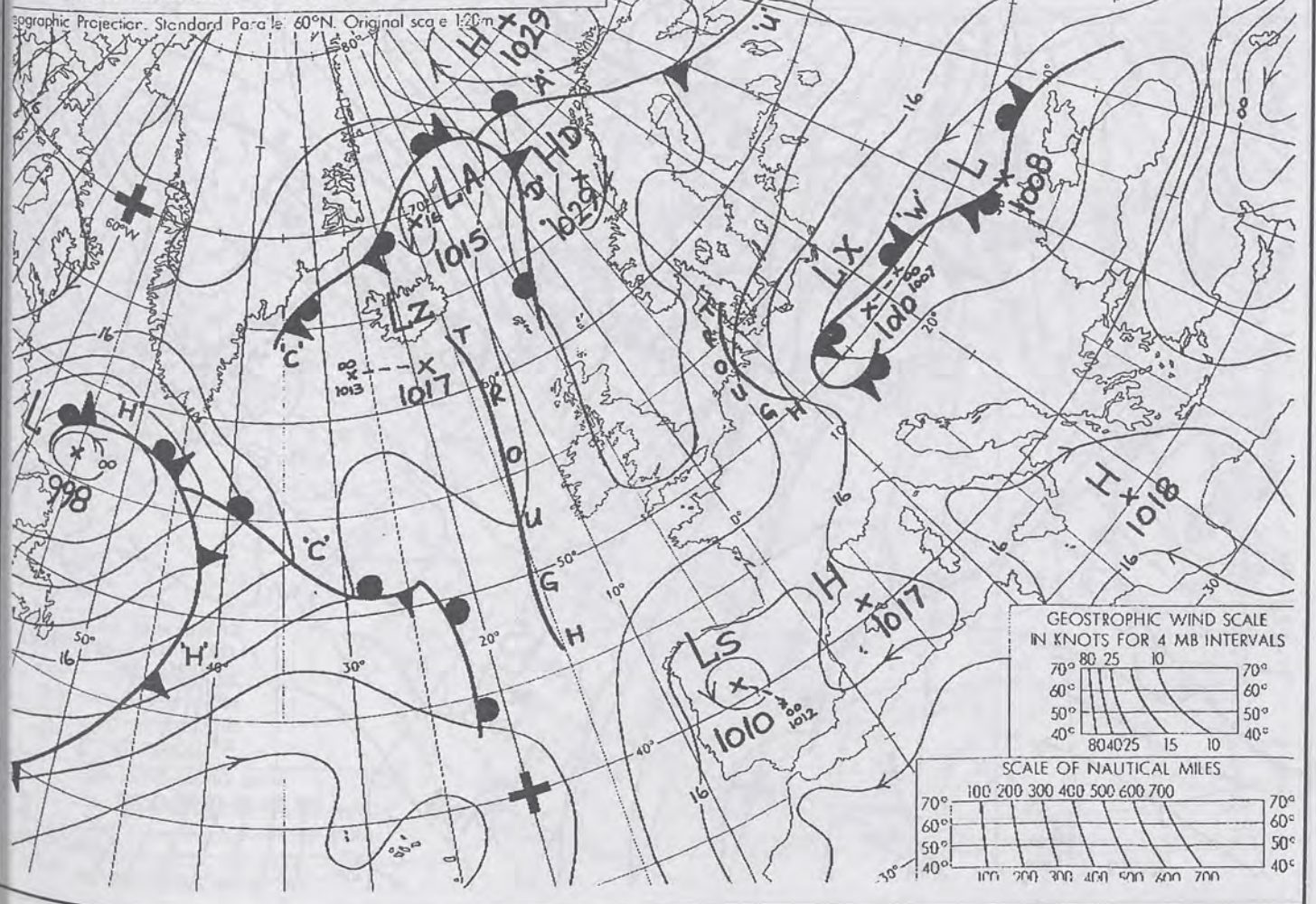


1800 21 JULY 1997  
SURFACE OBSERVATIONS

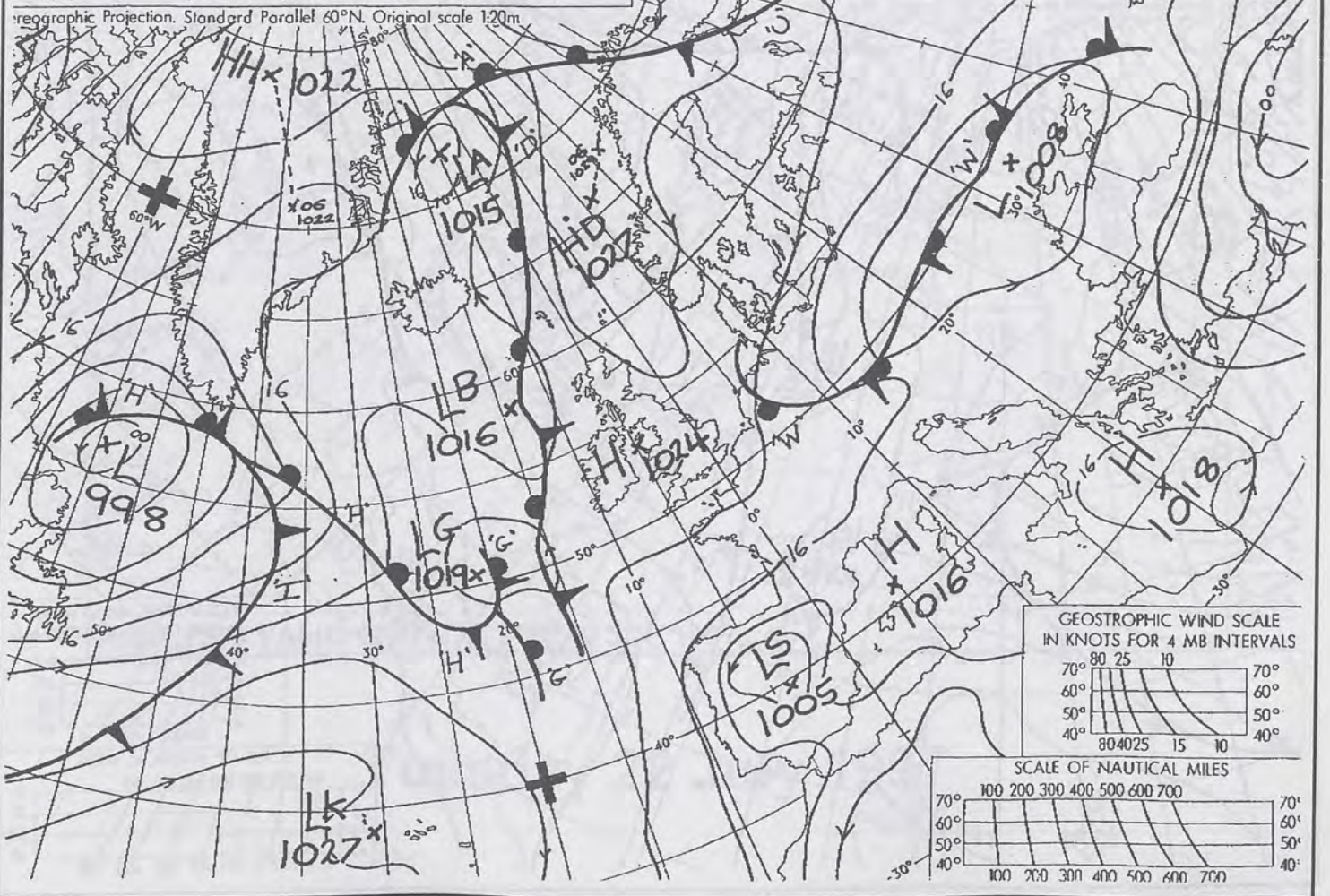
1800 GMT 21 JUL 1997



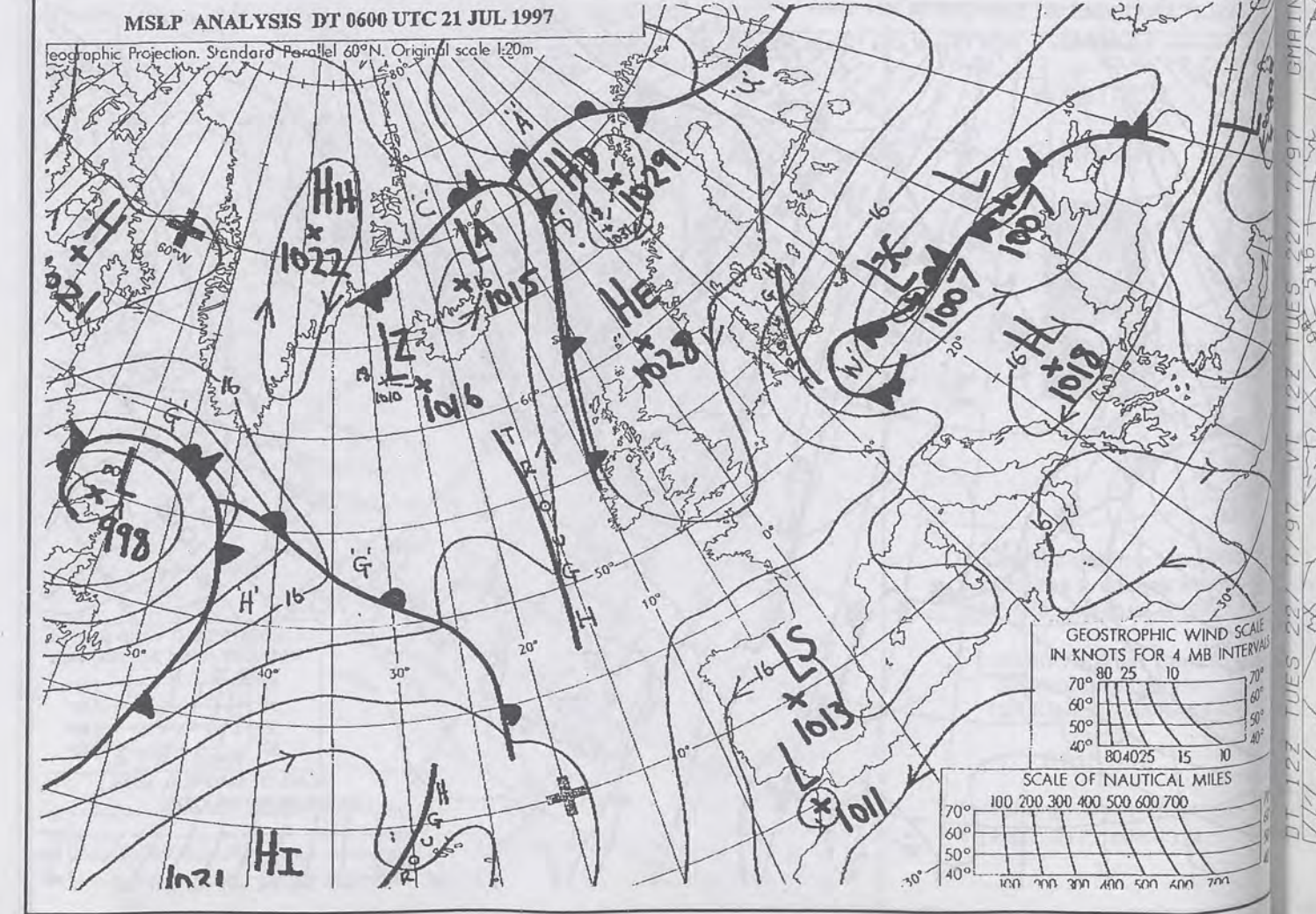
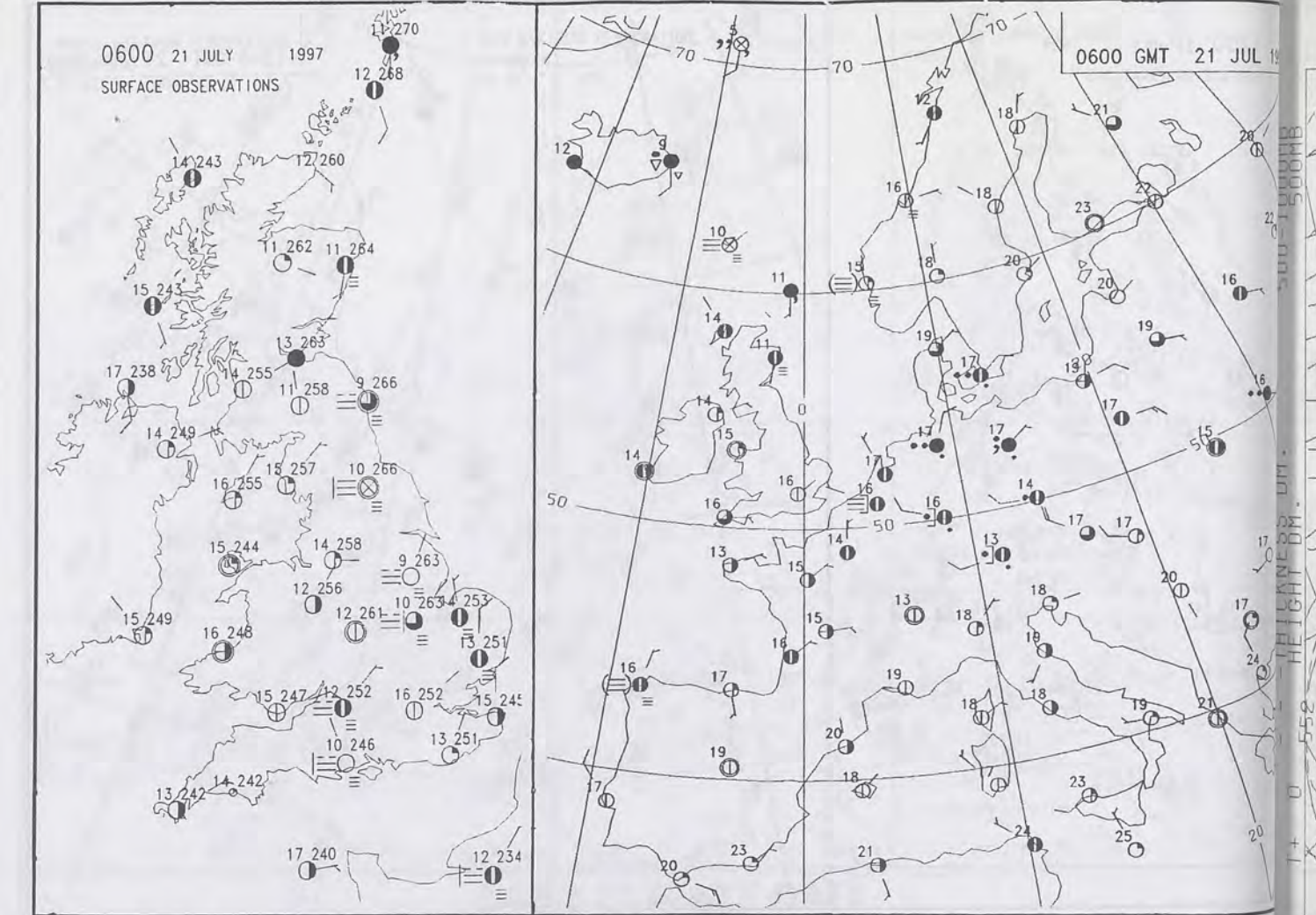
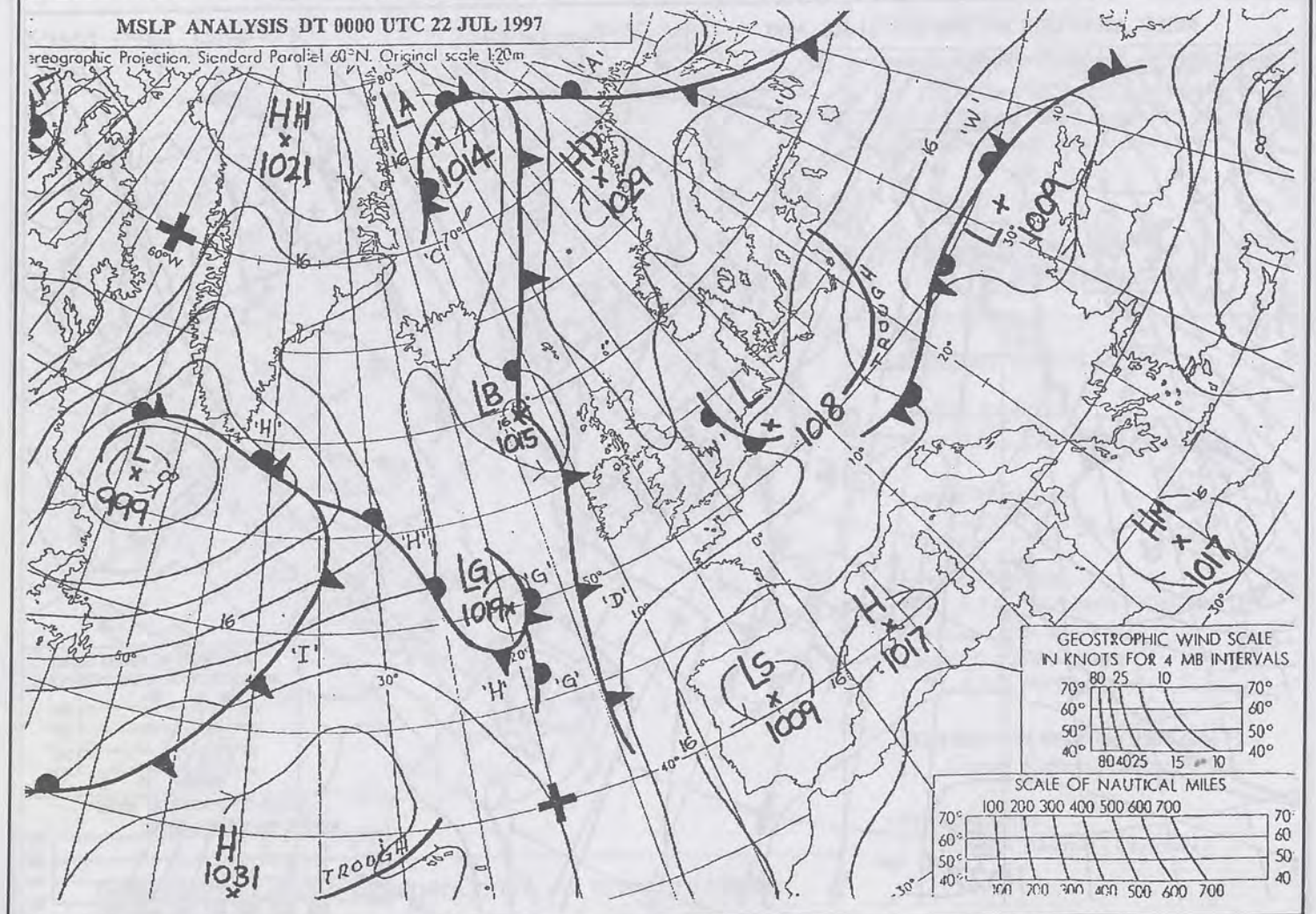
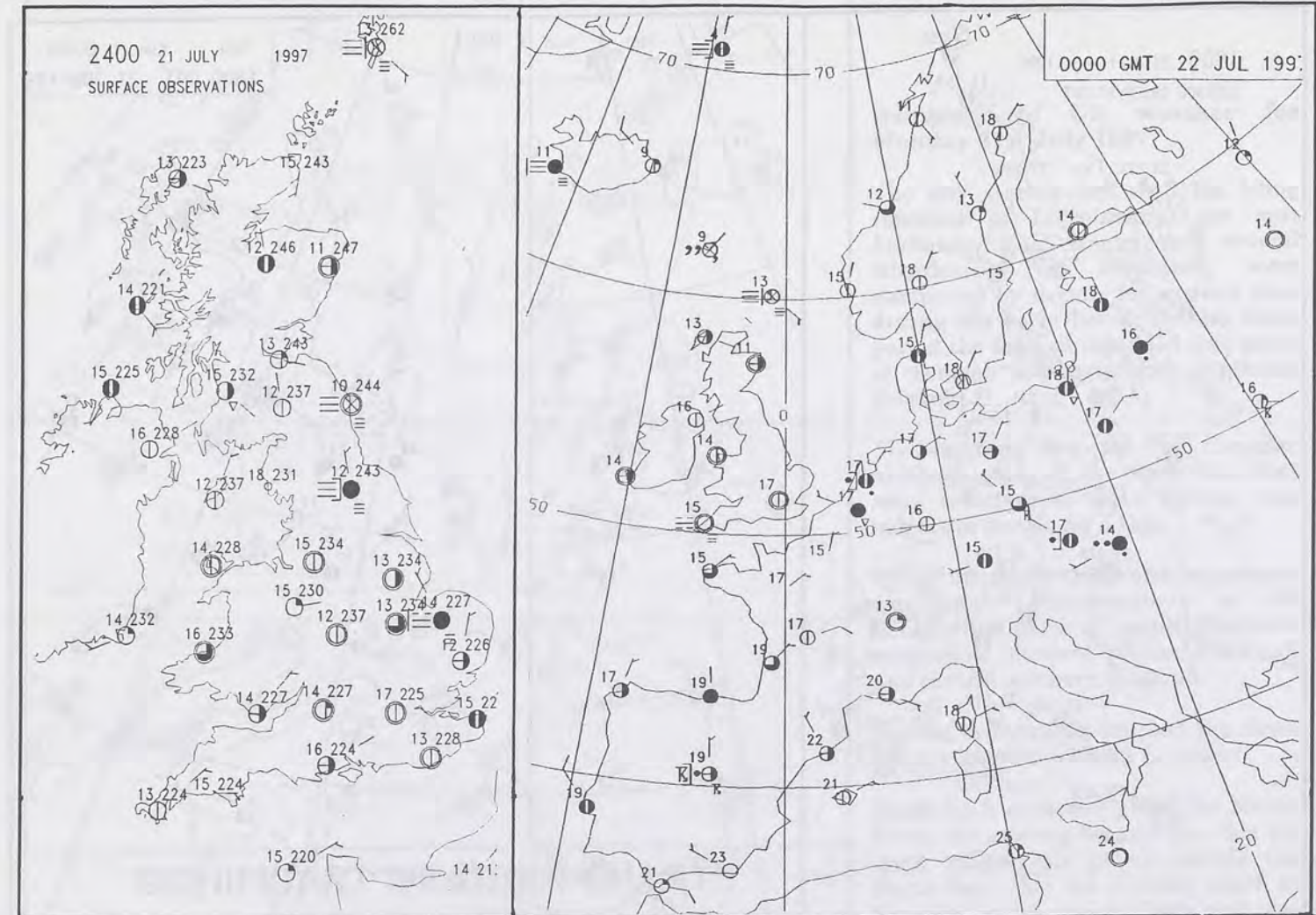
MSLP ANALYSIS DT 1200 UTC 21 JUL 1997



MSLP ANALYSIS DT 1800 UTC 21 JUL 1997









JUL 19

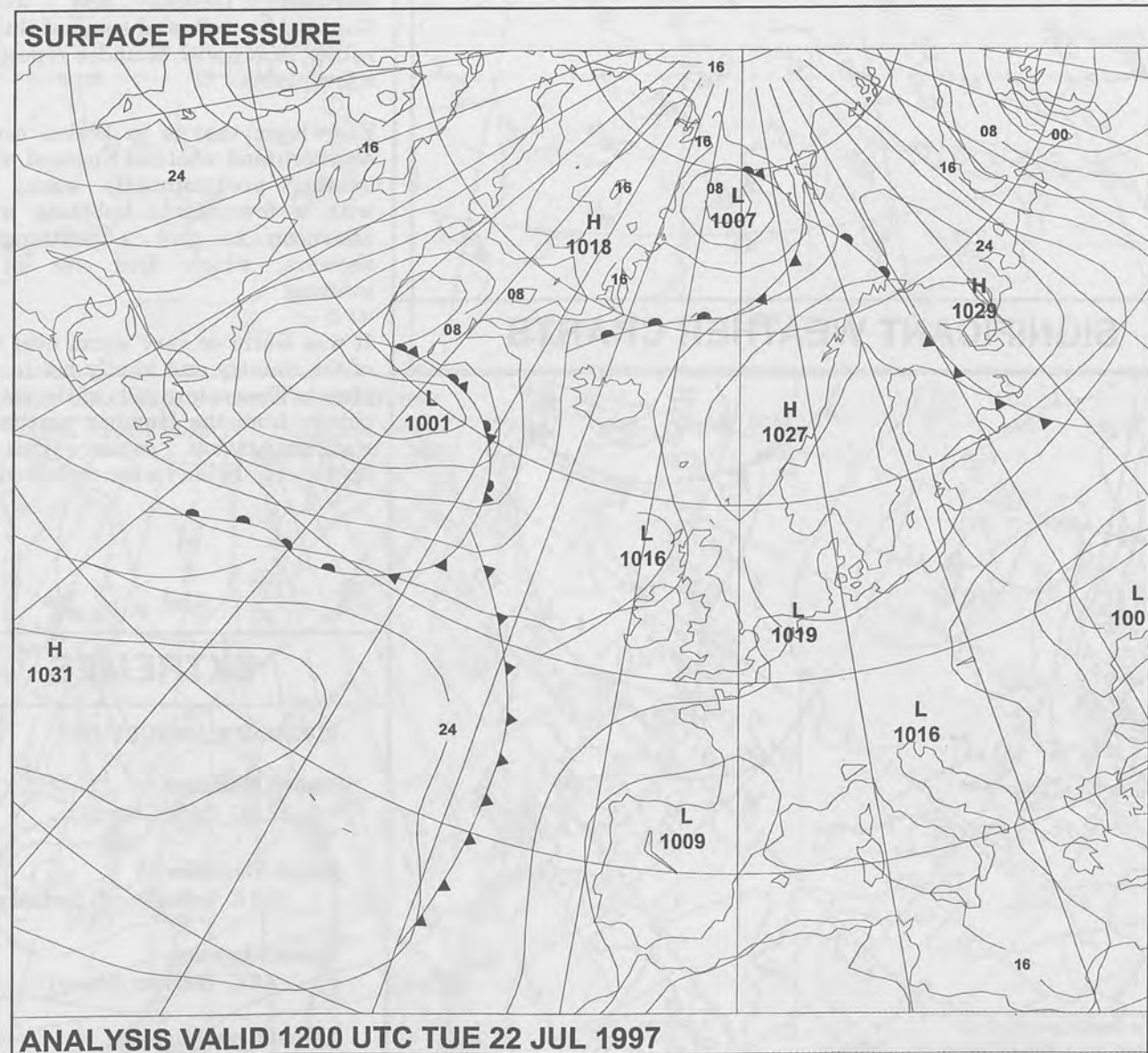
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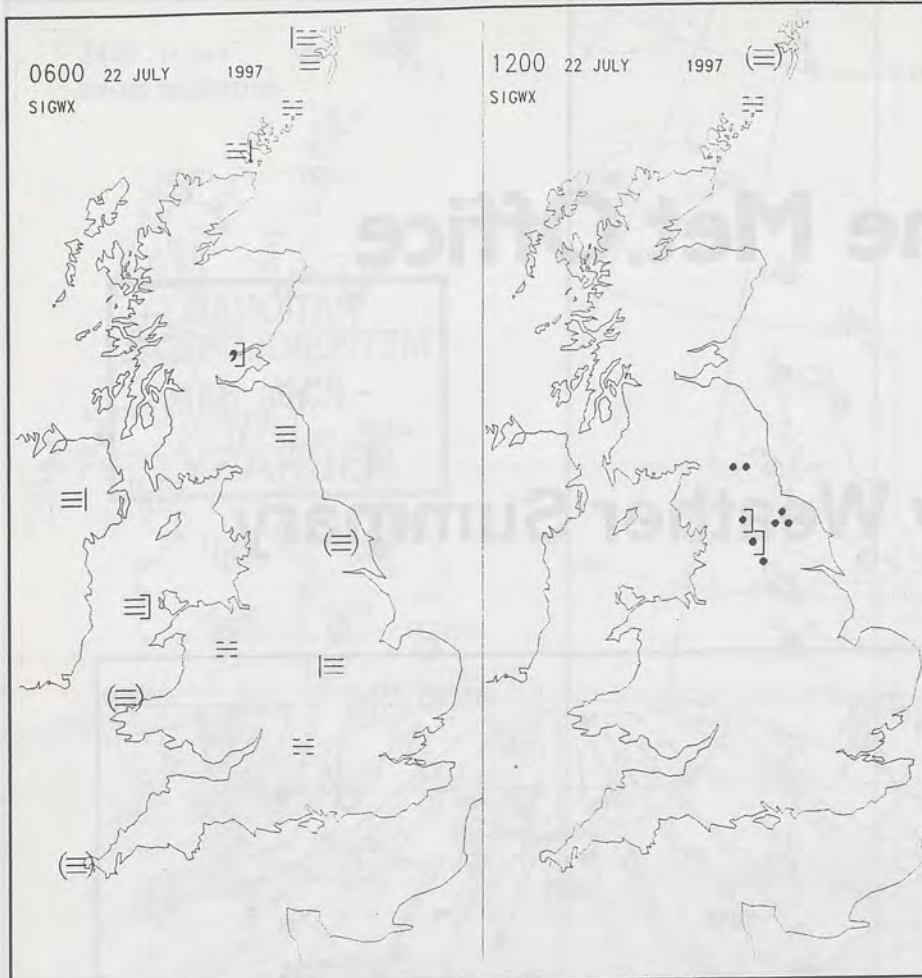
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- 4 AUG 1997  
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## The Daily Weather Summary

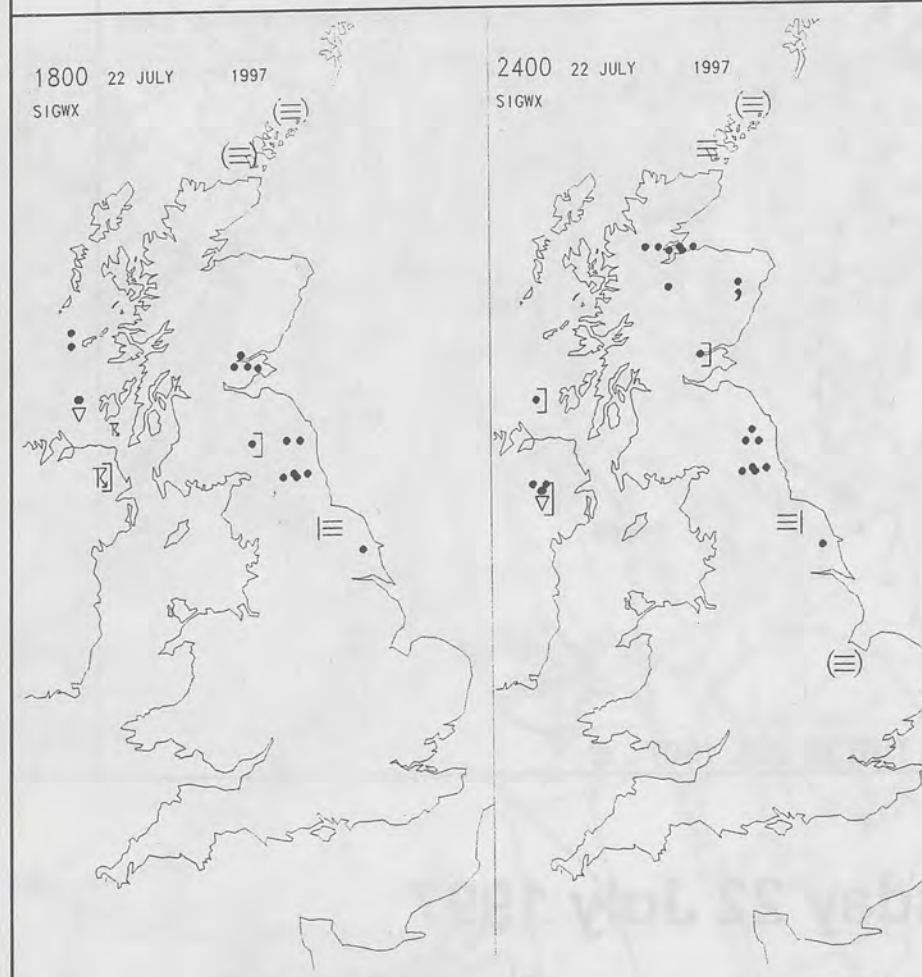


Tuesday 22 July 1997





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Tuesday 22nd July 1997

The eastern side of the country started with either low cloud or dense fog, whilst central and western parts started dry with generally clear skies. The fog cleared fairly slowly, especially in northeast England and in the Shetland Isles where it lingered until mid-morning in places.

In southeast England and eastern Scotland any low cloud broke up leaving blue skies, but rain spread onto the coasts of northeast England in the morning, and this pushed into eastern Scotland during the late afternoon and evening. During the afternoon a band of rain pushed into Northern Ireland and western Scotland as well, and some of this was rather heavy with thunder reported in a few places.

Elsewhere, that is in Wales, central, southern and western England, it was another predominantly sunny day, with a few clouds bubbling in the afternoon to give a scattering of showers, which died out in the evening.

It was warm or very warm over much of the country and locally hot in a few places. The eastern side of the country, chiefly from the Humber northwards, was somewhat cooler. Parts of northeast England were rather cool.

## EXTREMES

### TUESDAY 22ND JULY 1997

#### Highest Maximum

: 27.4 C Poole (Dorset)

#### Lowest Maximum

: 13.9 C Loftus (North Yorkshire)

#### Lowest Minimum

: 4.8 C Glenlivet (Moray)

#### Lowest Grass Minimum

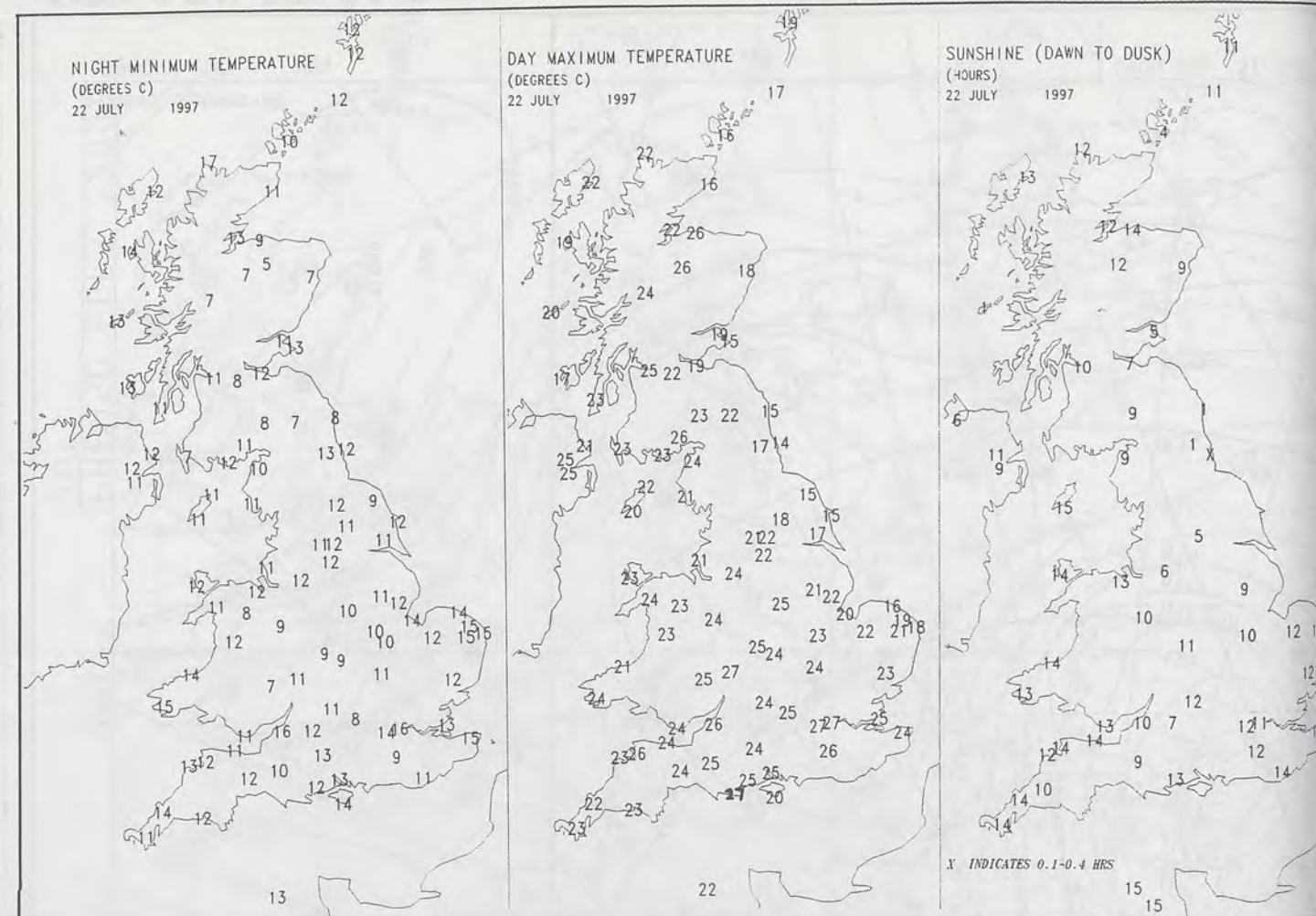
: 0.3 C Hawarden (Flintshire)

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

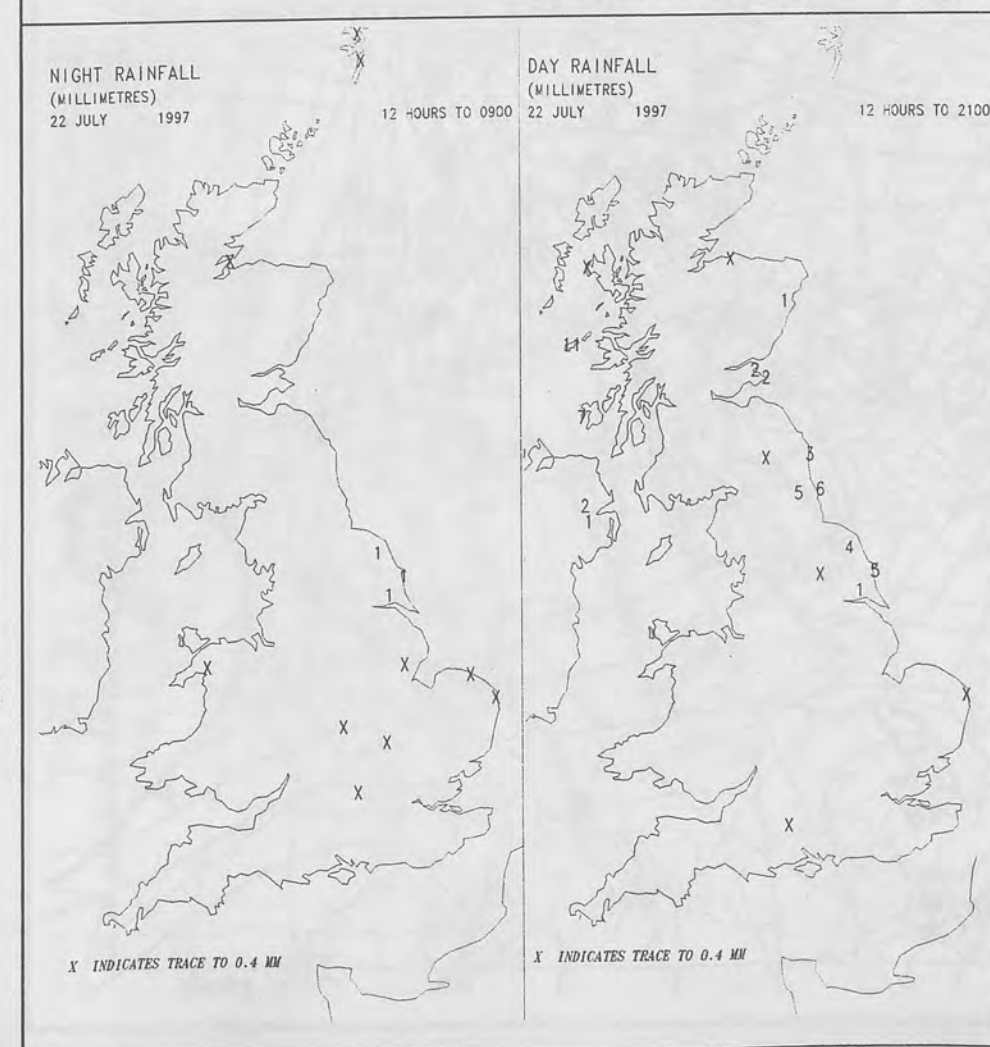
: 21.1 mm Tiree (Inner Hebrides)

#### Most Sunshine

: 15.0 hrs Jersey (Channel Islands)



## DAILY CLIMATE DATA



## DAILY WEATHER SUMMARY



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Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

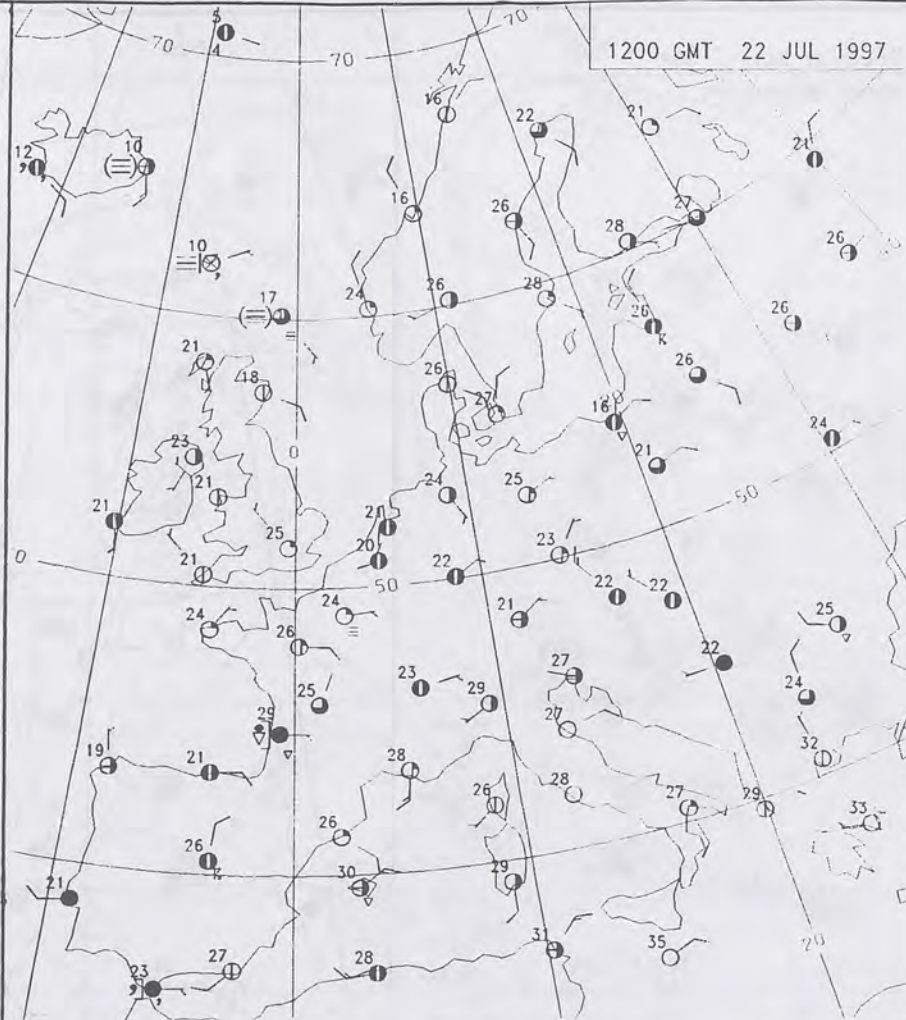
Telephone: 0171 405 4358  
Fax: 0171 404 4314



1200 22 JULY 1997  
SURFACE OBSERVATIONS



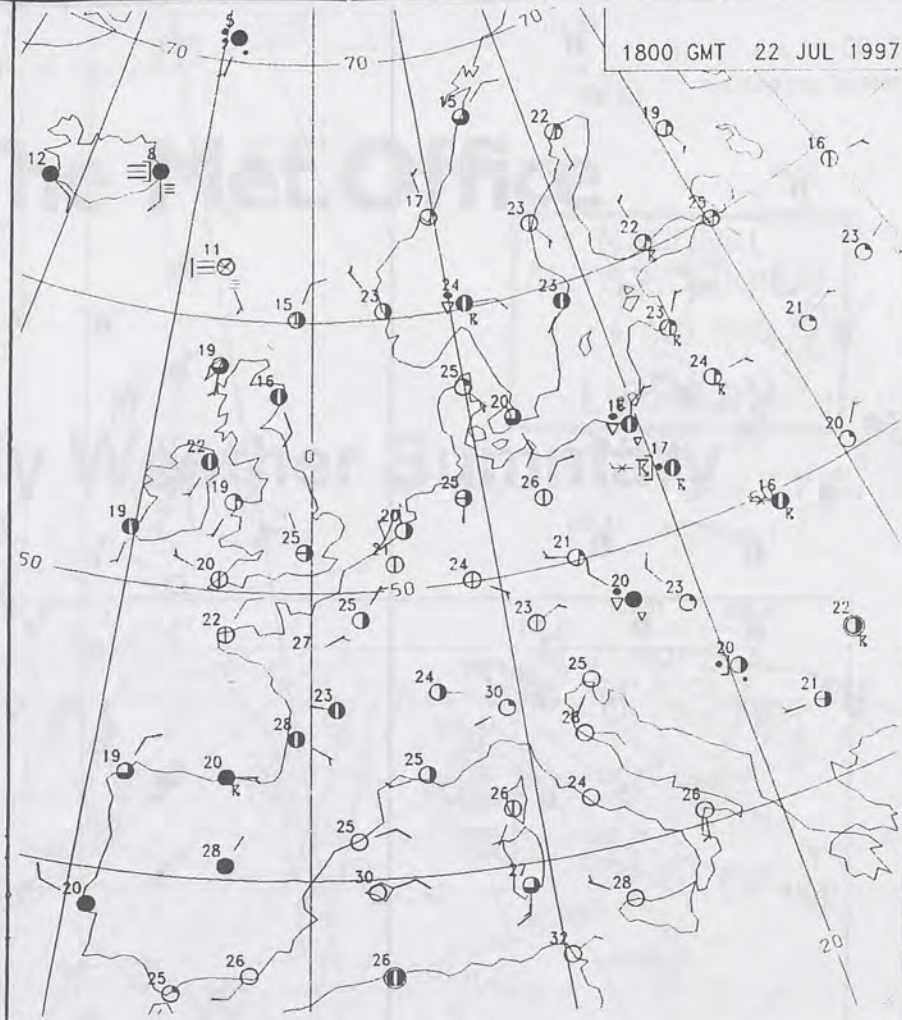
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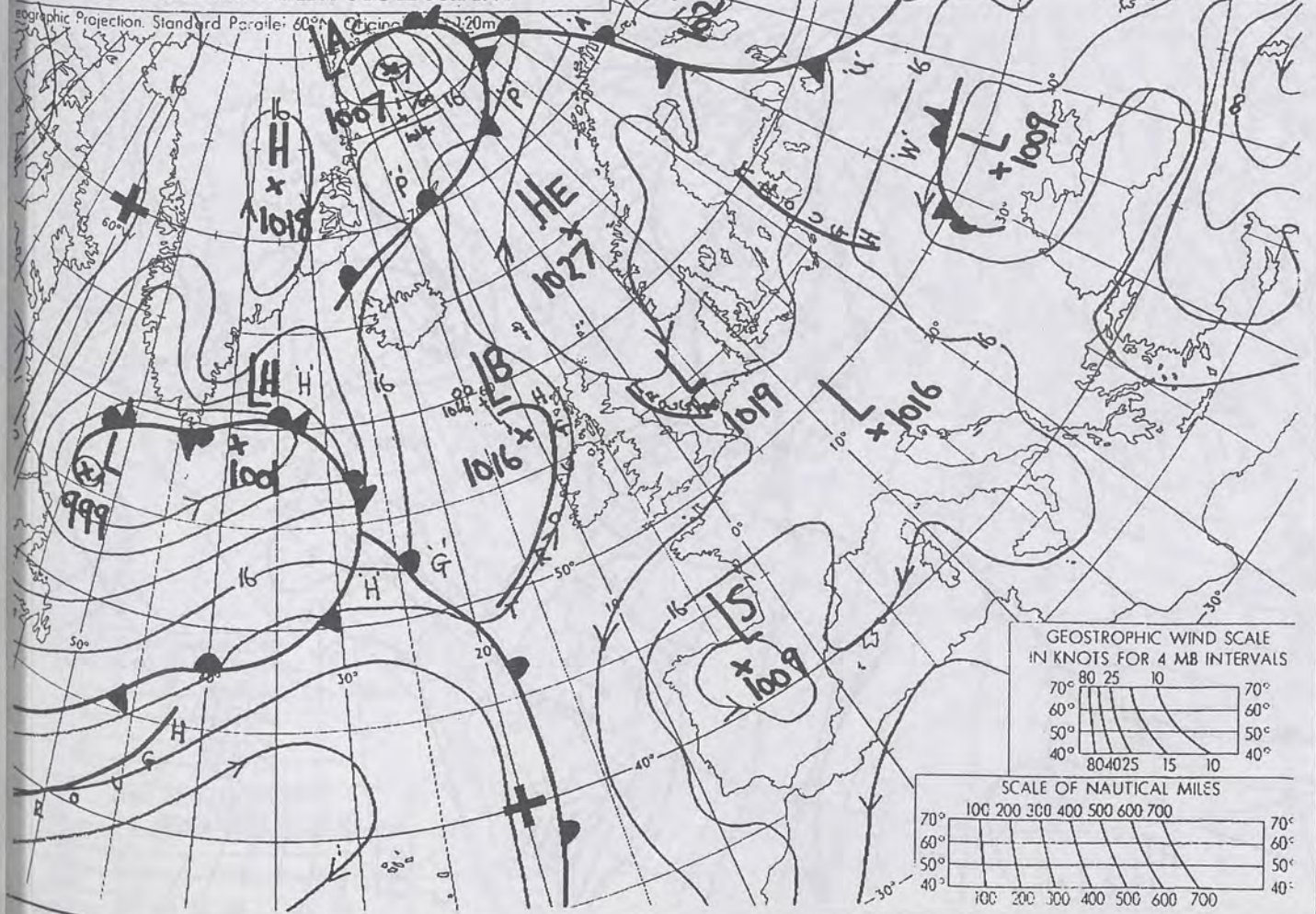
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SURFACE OBSERVATIONS



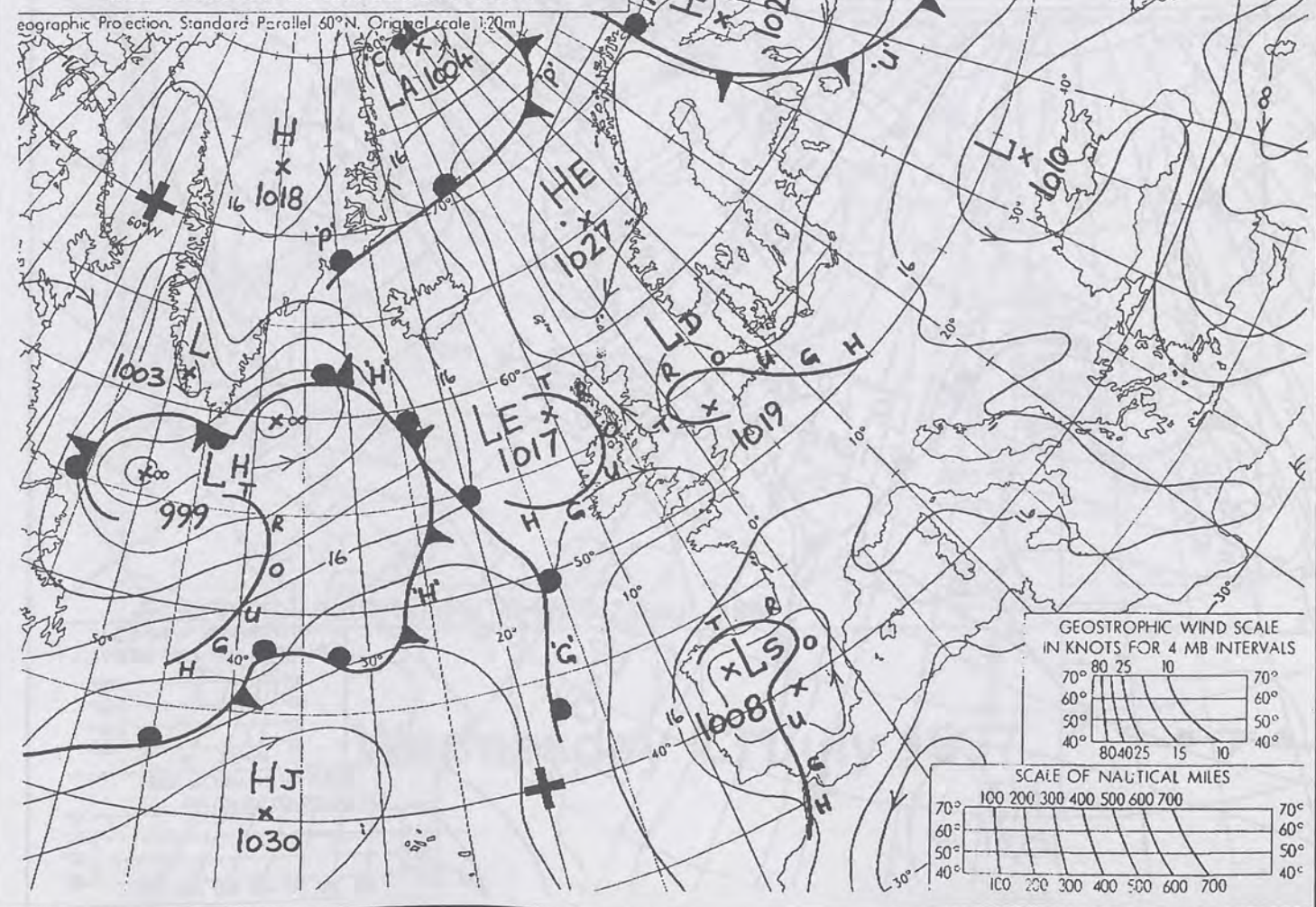
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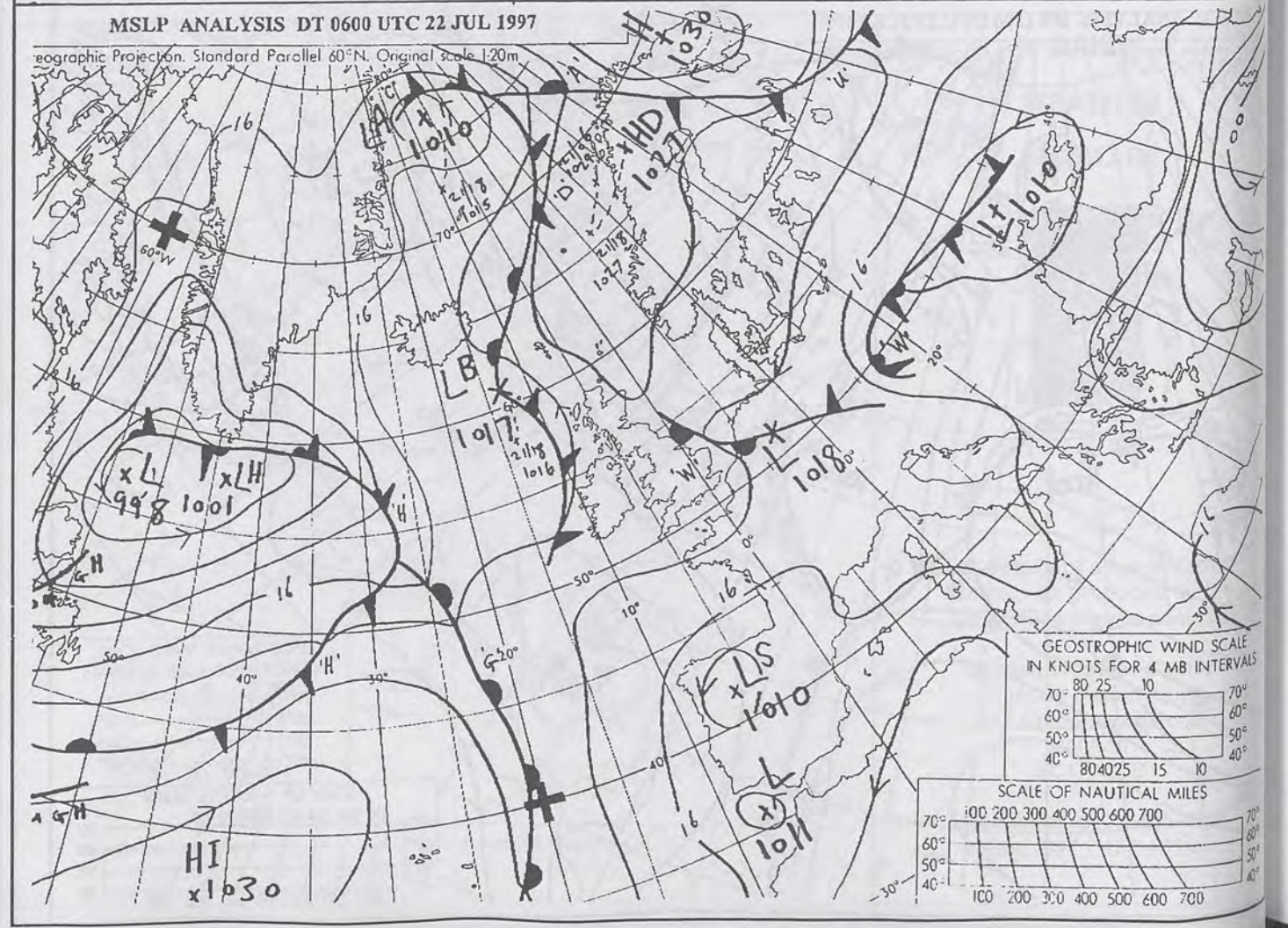
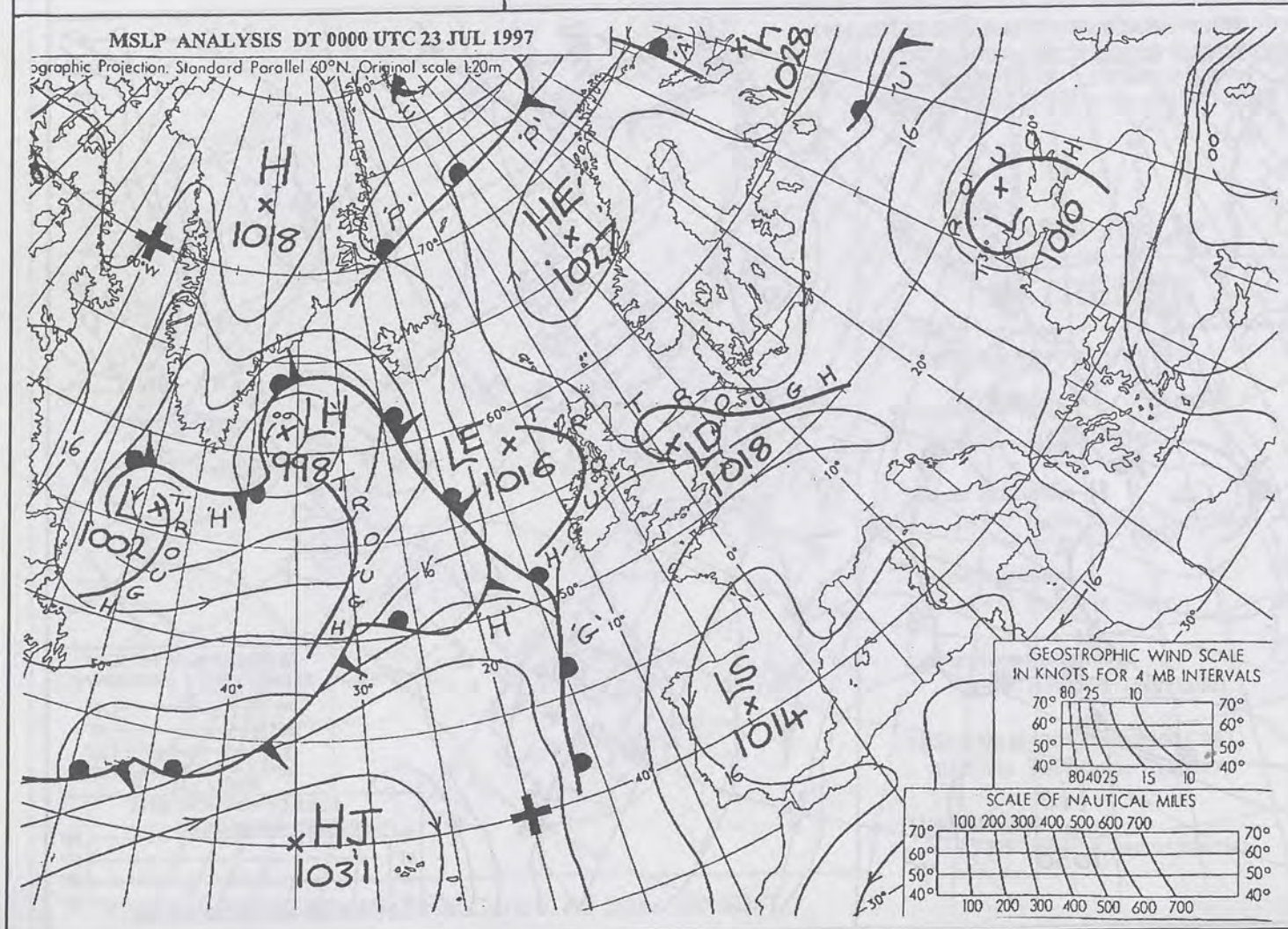
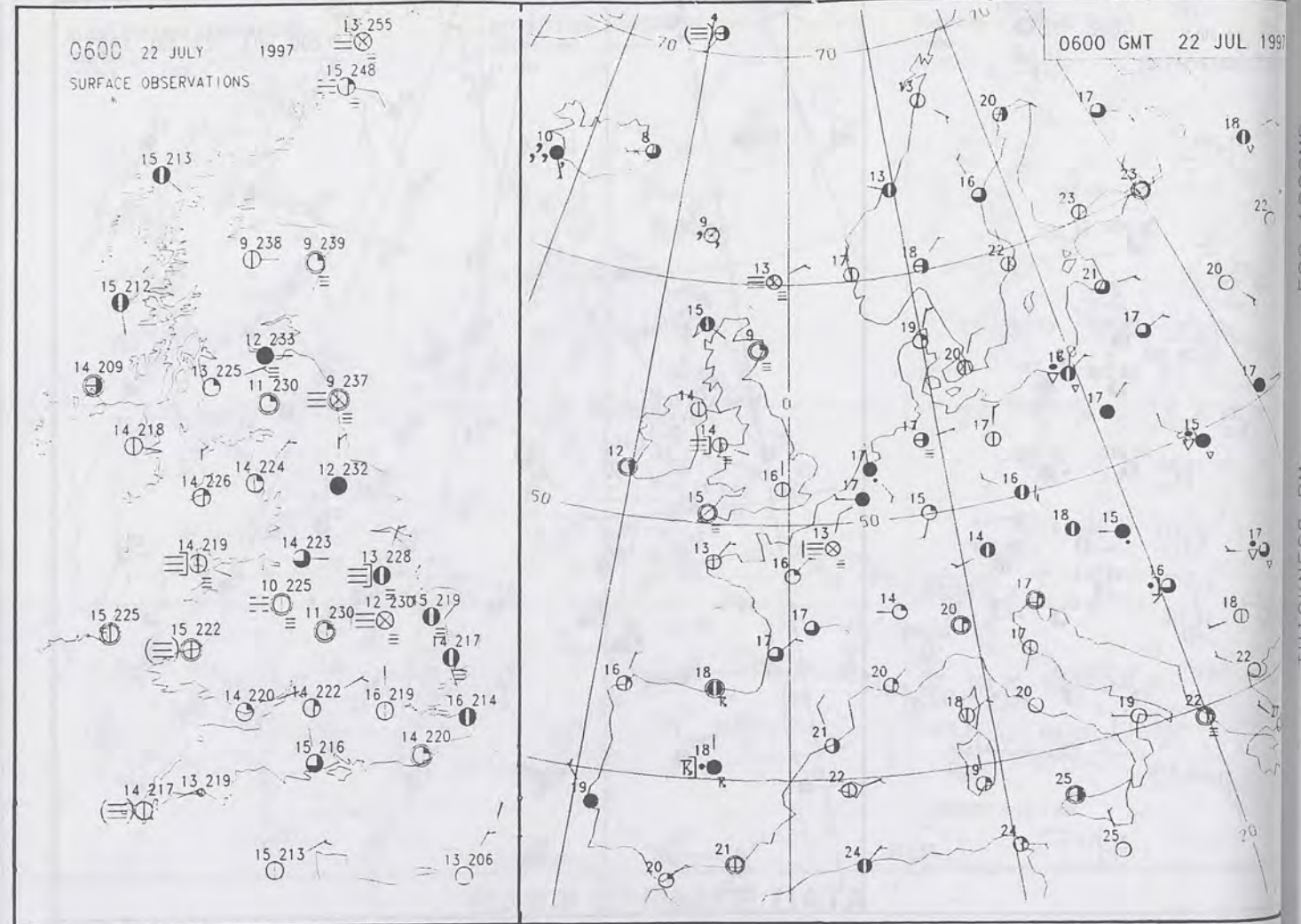
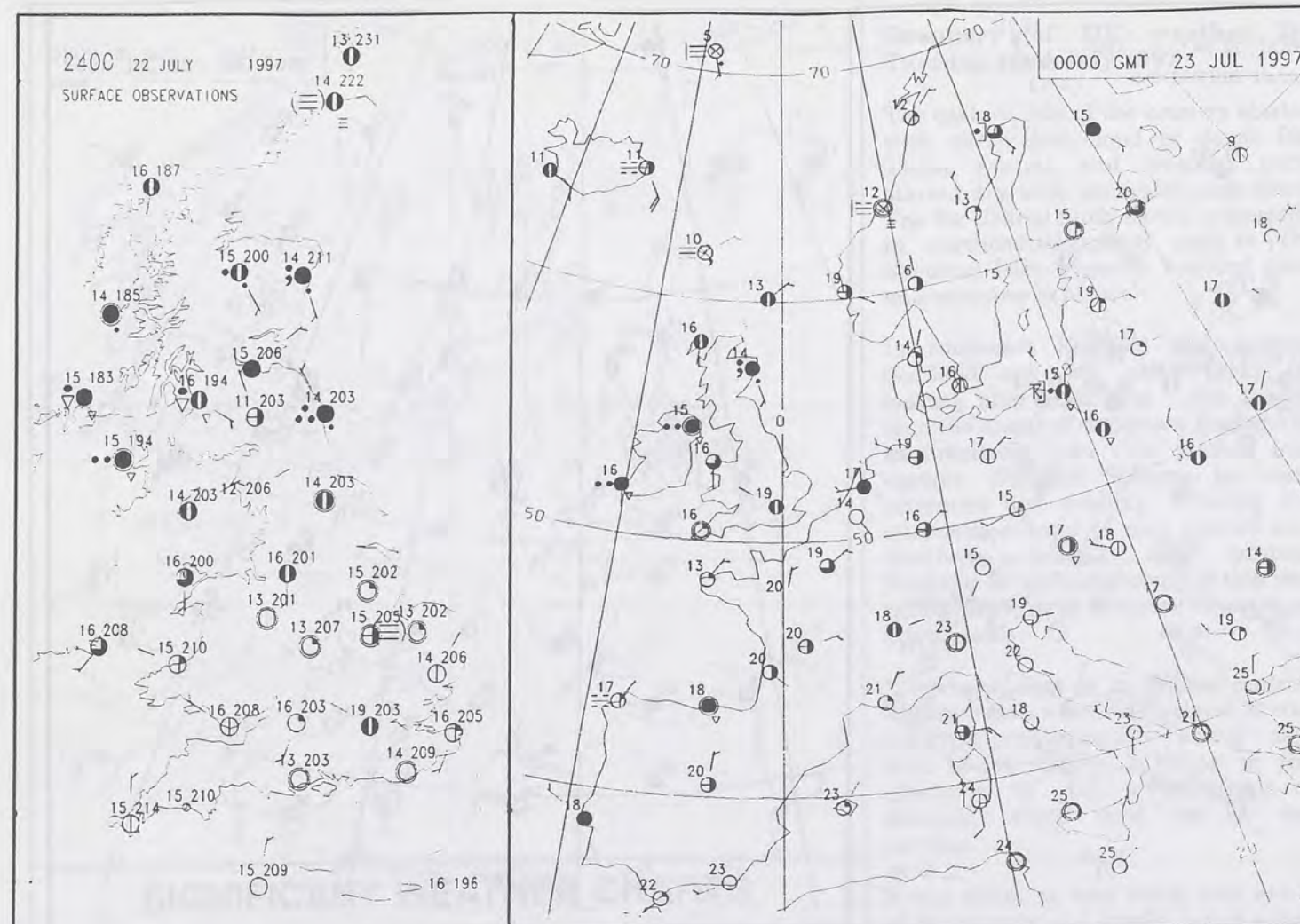
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MSLP ANALYSIS DT 1800 UTC 22 JUL 1997

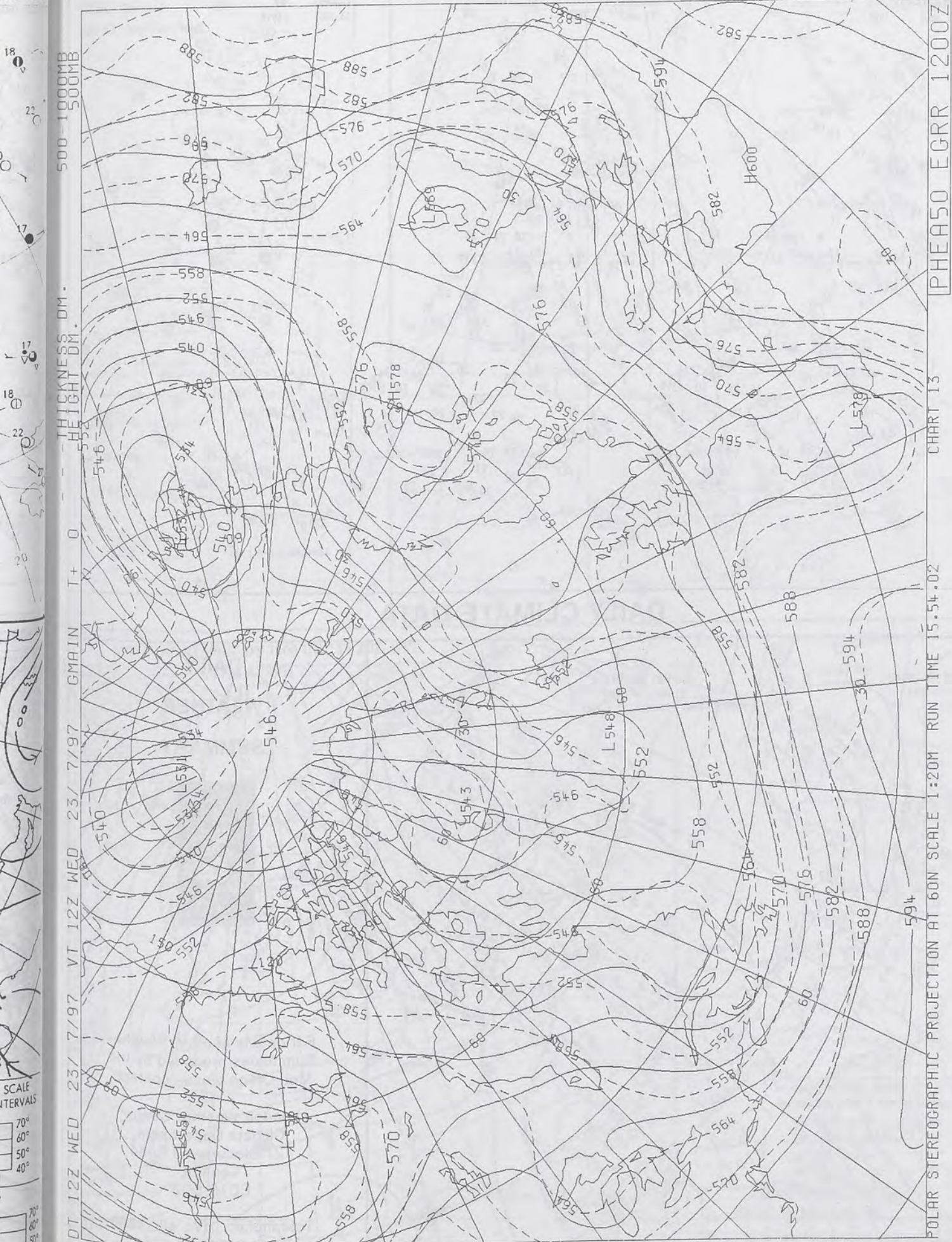








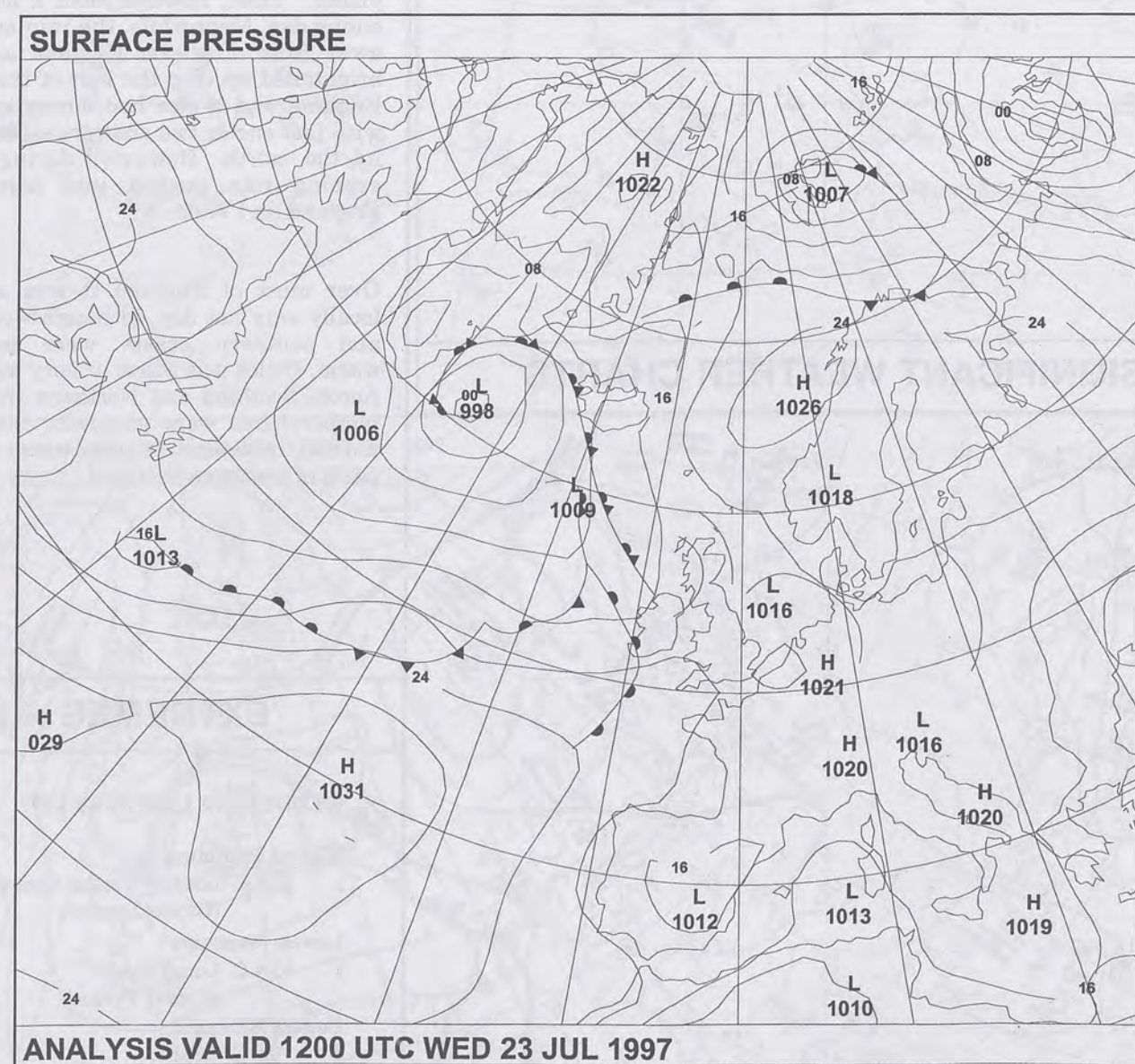
18



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METEOROLOGICAL  
- 4 AUG 1997  
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# The Daily Weather Summary



**Wednesday 23 July 1997**



0600 23 JULY 1997  
SIGWX



1200 23 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 23 JULY 1997  
SIGWX



2400 23 JULY 1997  
SIGWX



## Summary of UK weather for Wednesday 23rd July 1997

Eastern Scotland and northeast England started wet, with thunderstorms around Boulmer. There was also rain in western Scotland and Northern Ireland. Elsewhere the day started dry with clear, then sunny spells, but there was some cloud in northwest and southeast England.

Scotland and Northern Ireland generally had a lot of cloud all day, with showers or longer spells of rain, although there was a little sunshine in places. Tiree, however, had a mostly sunny day. Meanwhile, the rain moved away from northeast England and it brightened up. For the rest of the day England and Wales had sunny spells, with just one or two showers especially in the north. However, during the evening rain pushed into northern England and Wales.

Over most of England it was a hot locally very hot day, although western and southern coasts were mostly warm. Wales was warm or very warm. Across Scotland and Northern Ireland temperatures were generally close to normal, although it was warm over parts of southern Scotland.

## EXTREMES

### WEDNESDAY 23RD JULY 1997

**Highest Maximum**  
: 28.8 C London Weather Centre  
(Greater London)

**Lowest Maximum**  
: 15.4 C Lough Fea  
(County Tyrone)

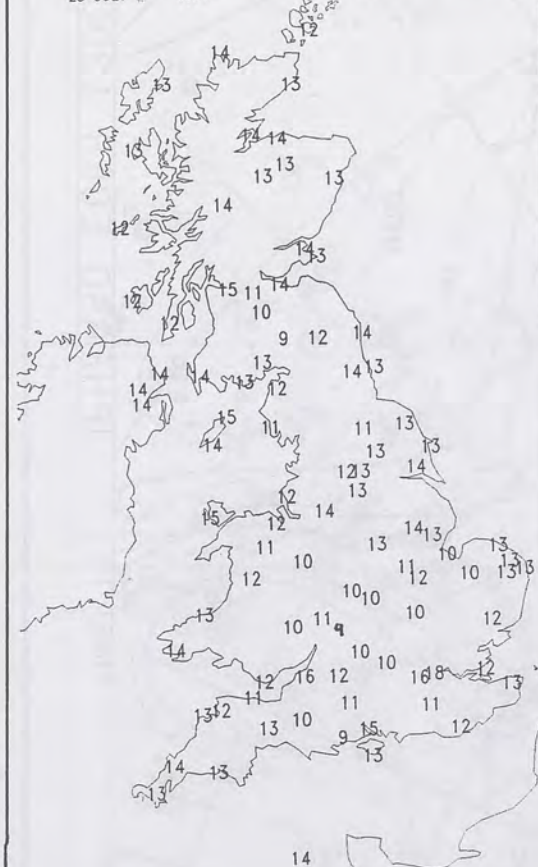
**Lowest Minimum**  
: 9.0 C Pershore  
(Hereford and Worcester)

**Lowest Grass Minimum**  
: 1.4 C Hawarden (Flintshire)

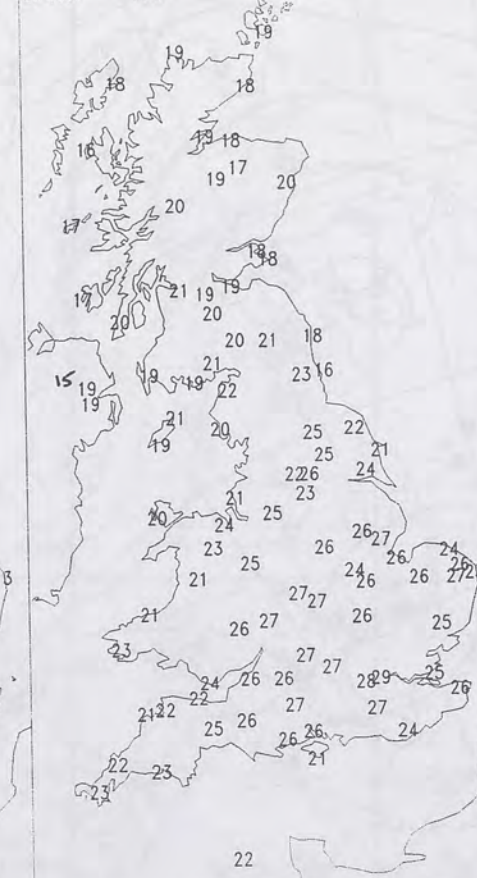
**Most Rain (24 hrs from 0900 GMT)**  
: 22.8 mm Hillsborough  
(County Down)

**Most Sunshine**  
: 15.0 hrs Jersey (Channel Islands)

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
23 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
23 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
23 JULY 1997



## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
23 JULY 1997



DAY RAINFALL  
(MILLIMETRES)  
23 JULY 1997



## DAILY WEATHER SUMMARY



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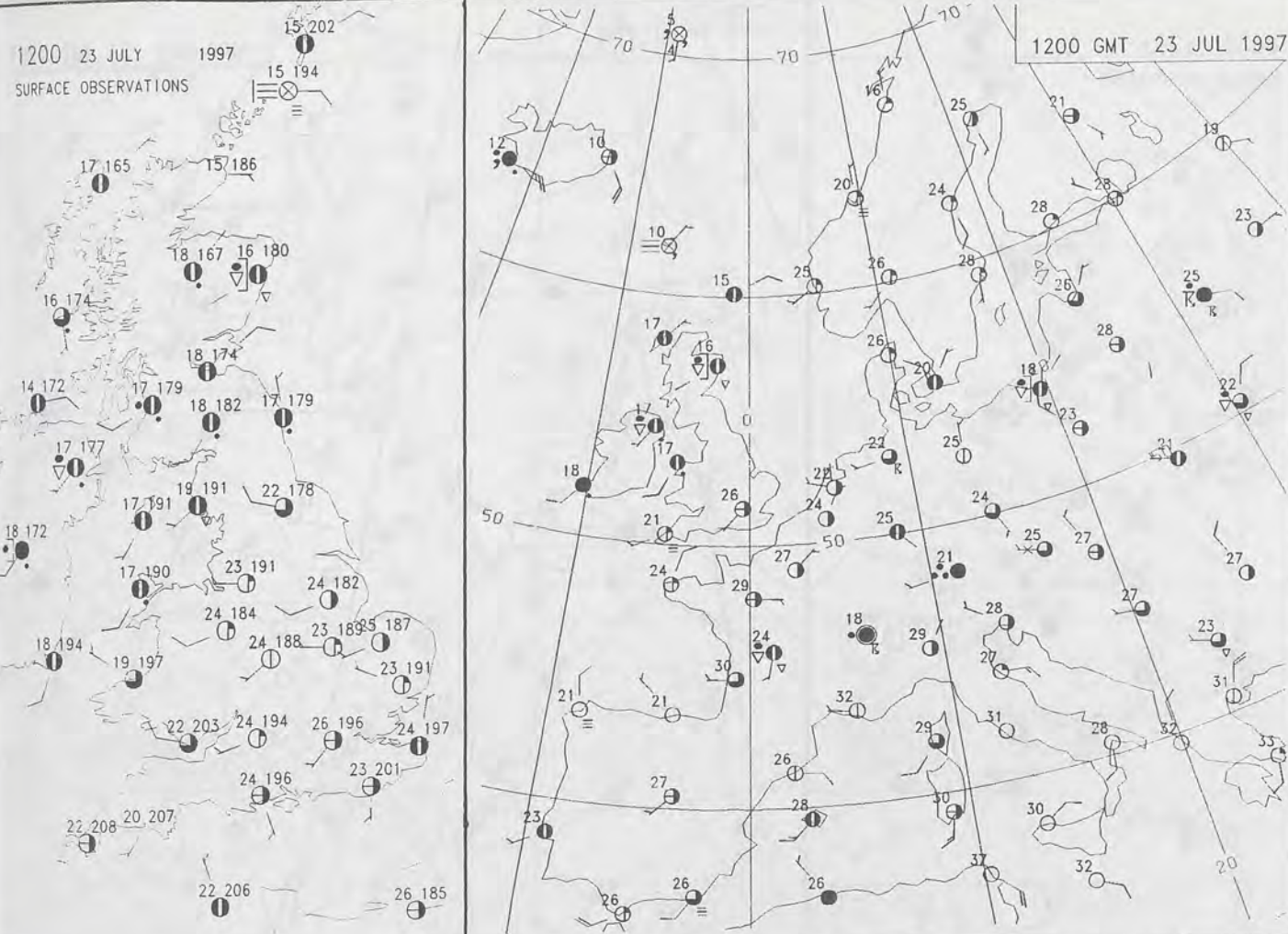
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



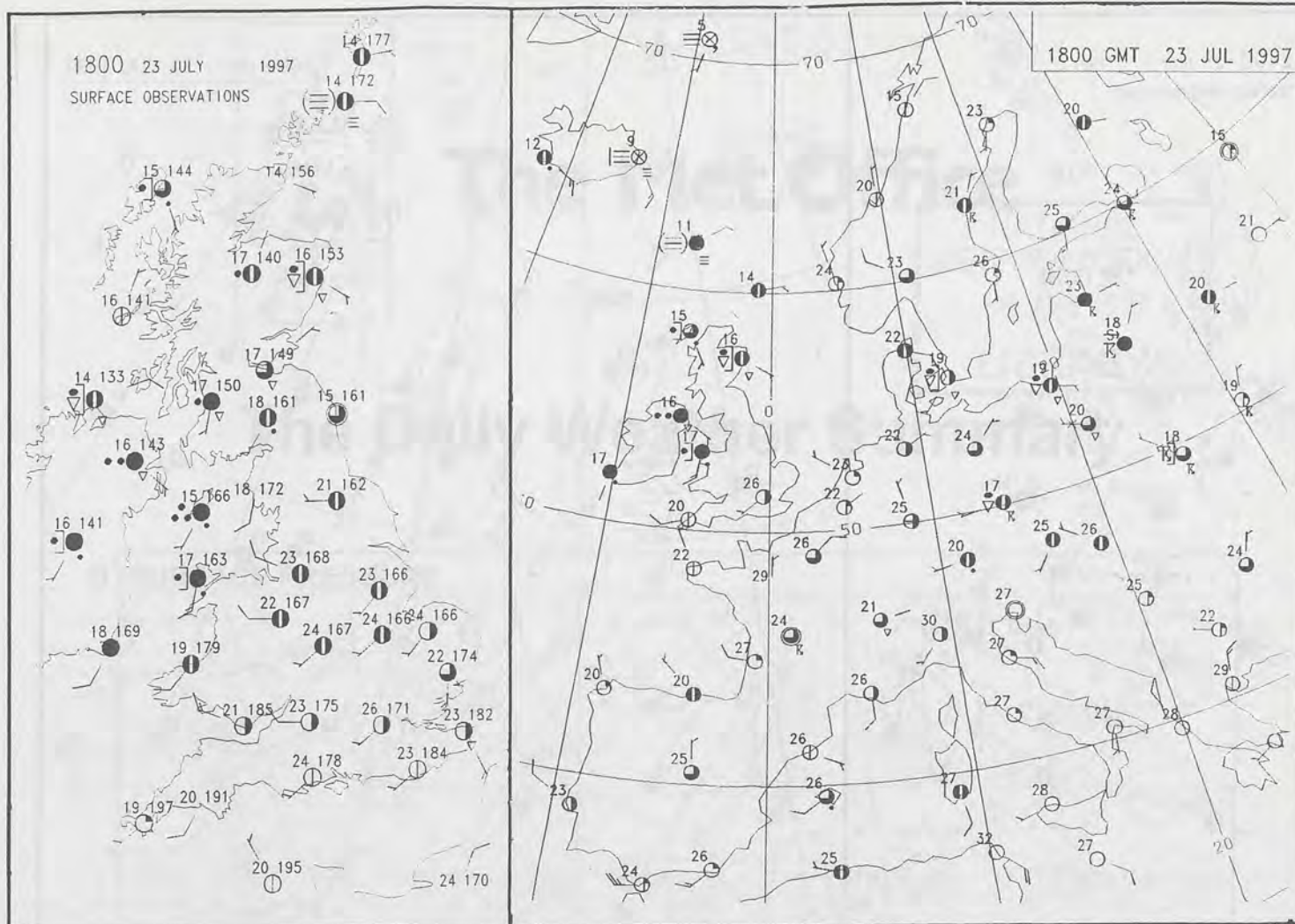
1200 23 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 23 JUL 1997



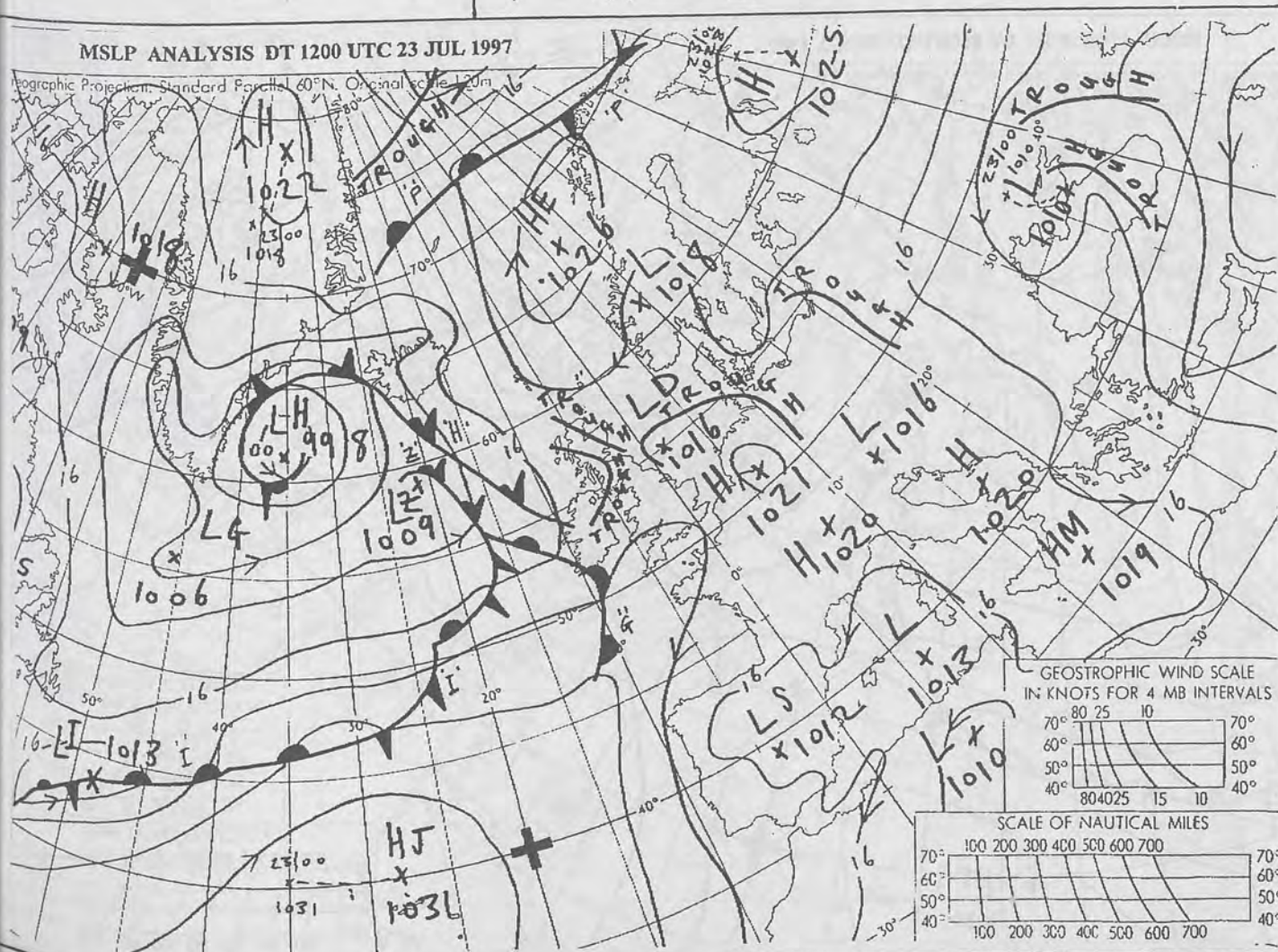
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SURFACE OBSERVATIONS

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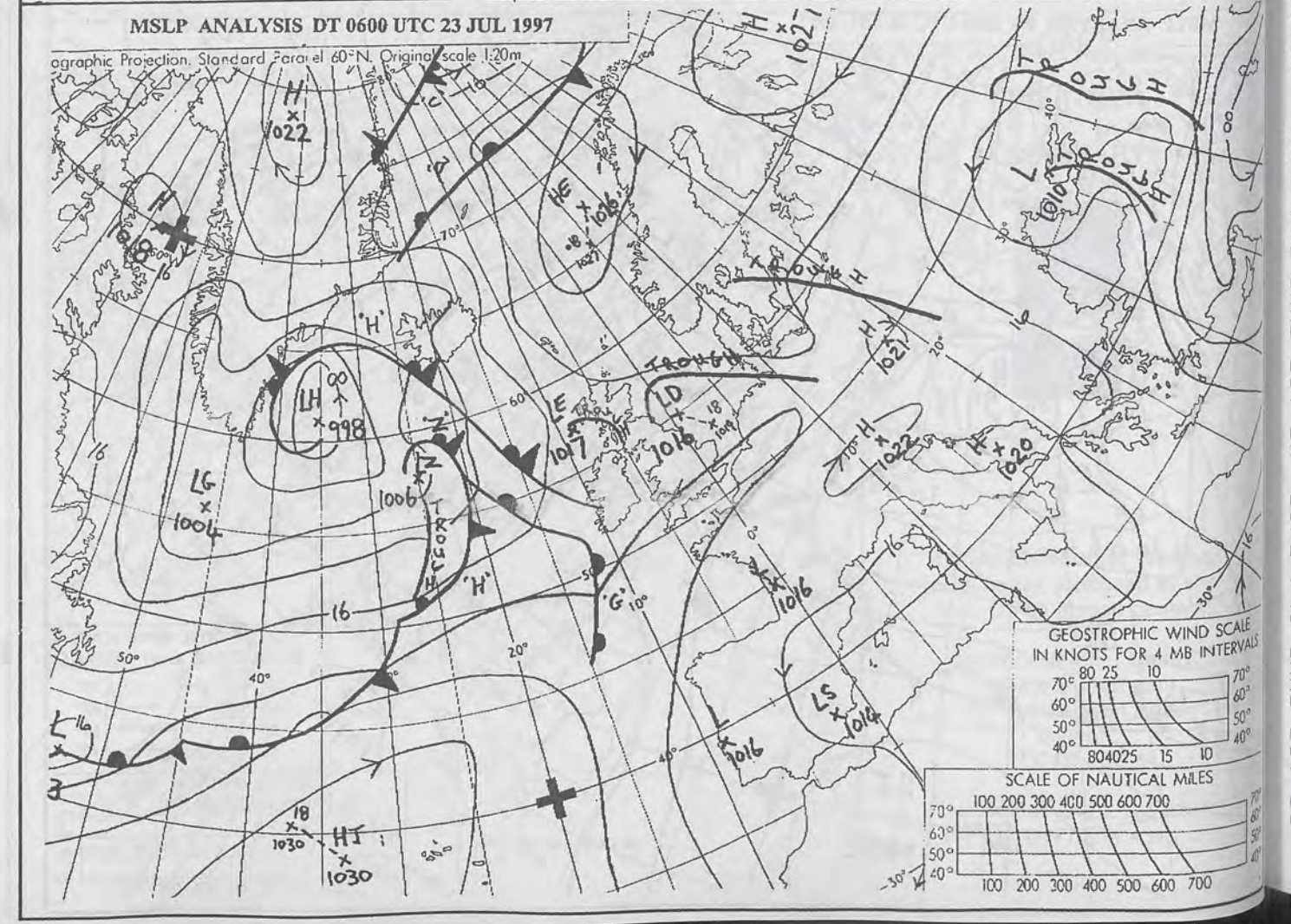
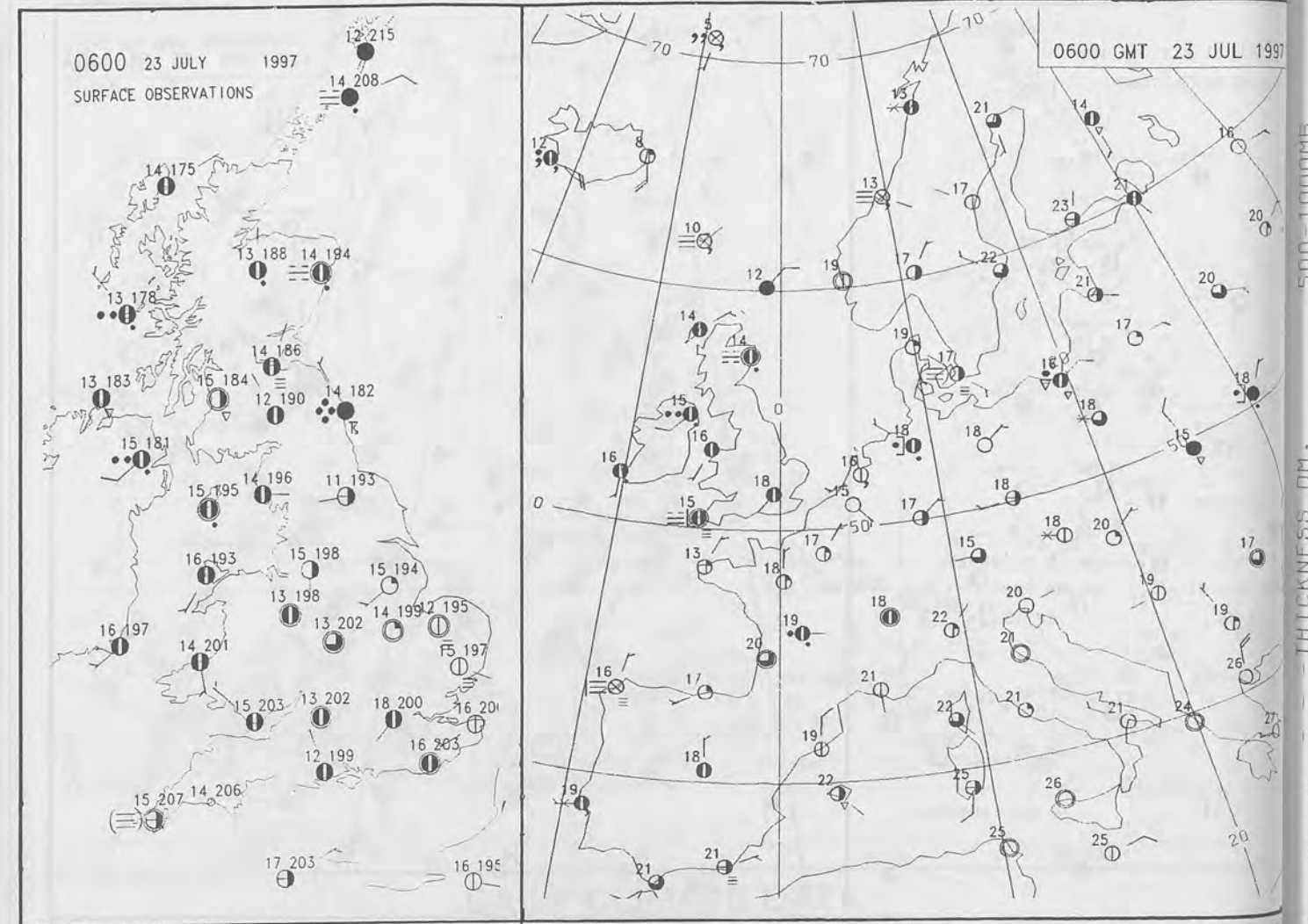
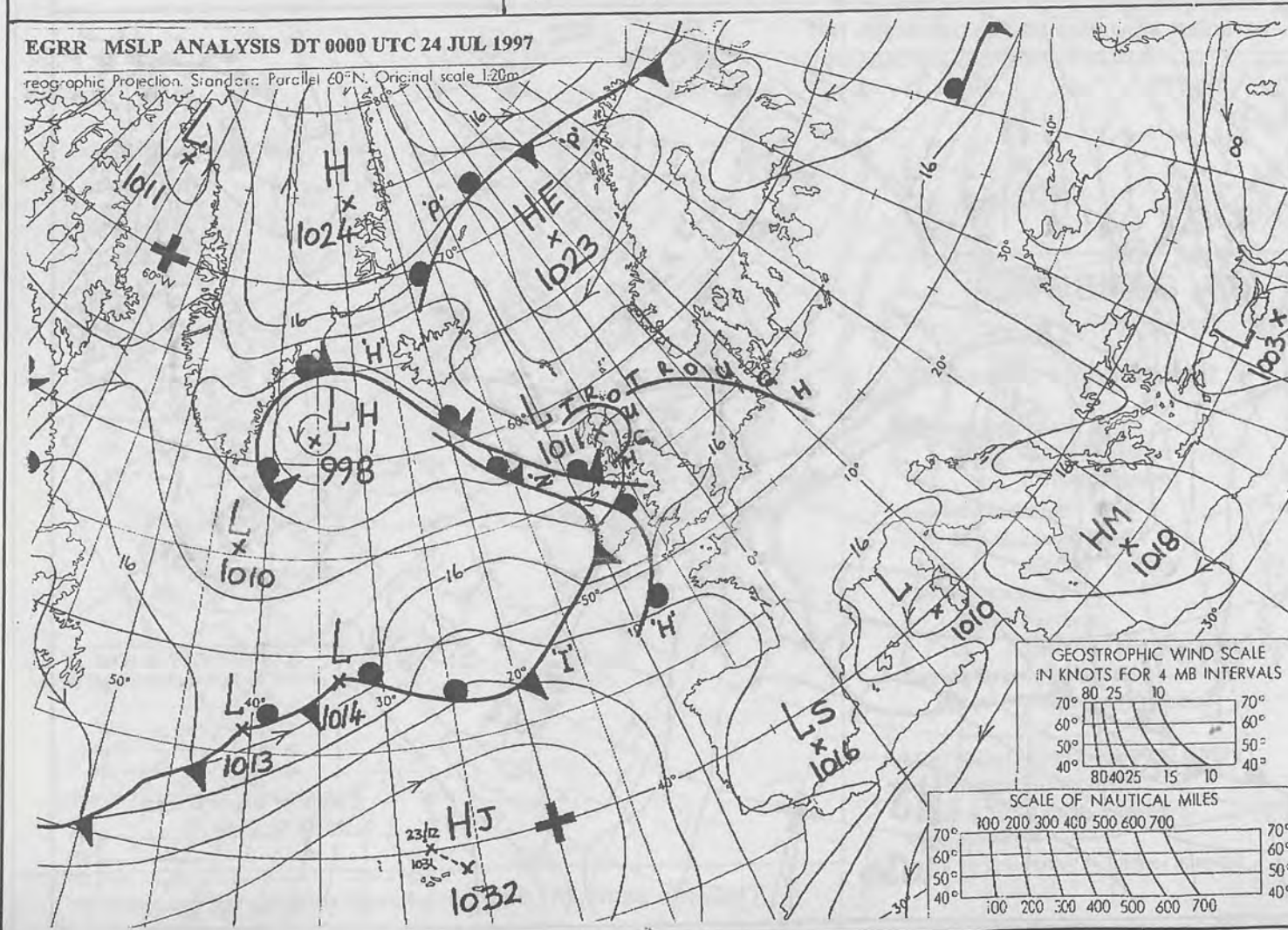
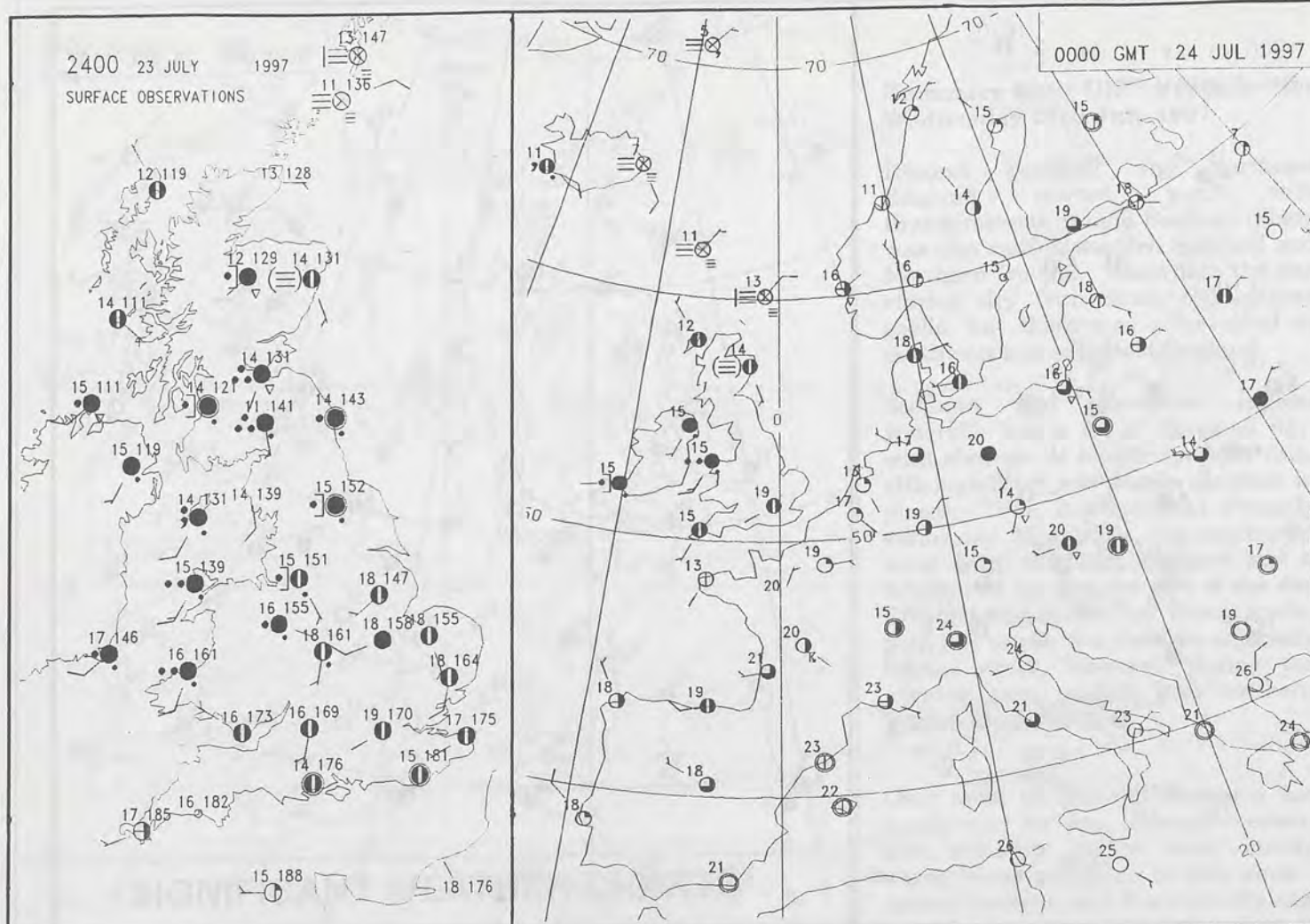


MSLP ANALYSIS DT 1200 UTC 23 JUL 1997

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









JUL 1997

500-1000MB  
500MB

THICKNESS DM.  
HEIGHT DM.

T+0

GMRAIN

DT 12Z THUR 24/ 7/97 VT 12Z THUR 24/ 7/97

SCALE  
INTERVALS

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PHEA50 EGRR 1200Z

CHART 13

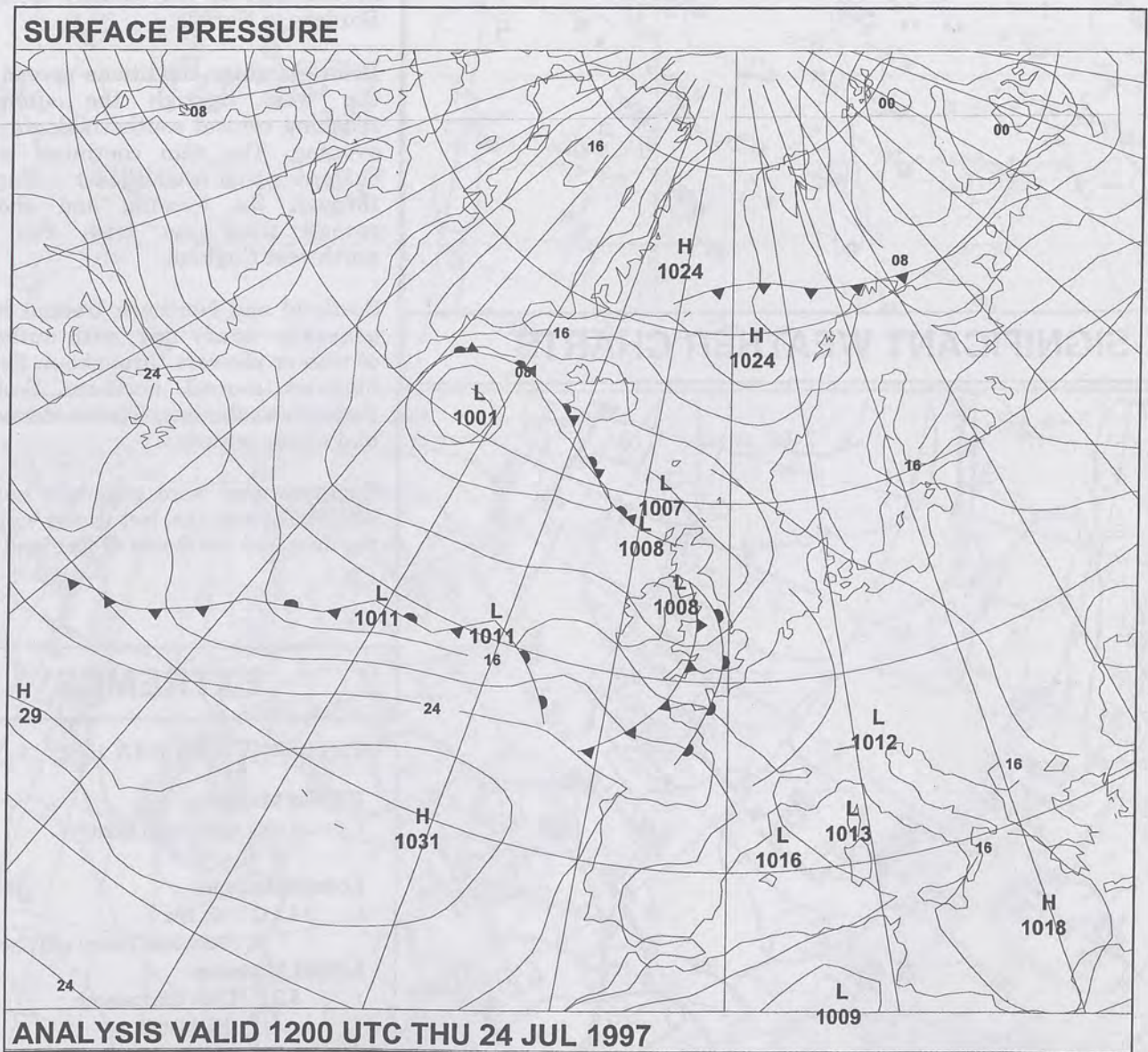
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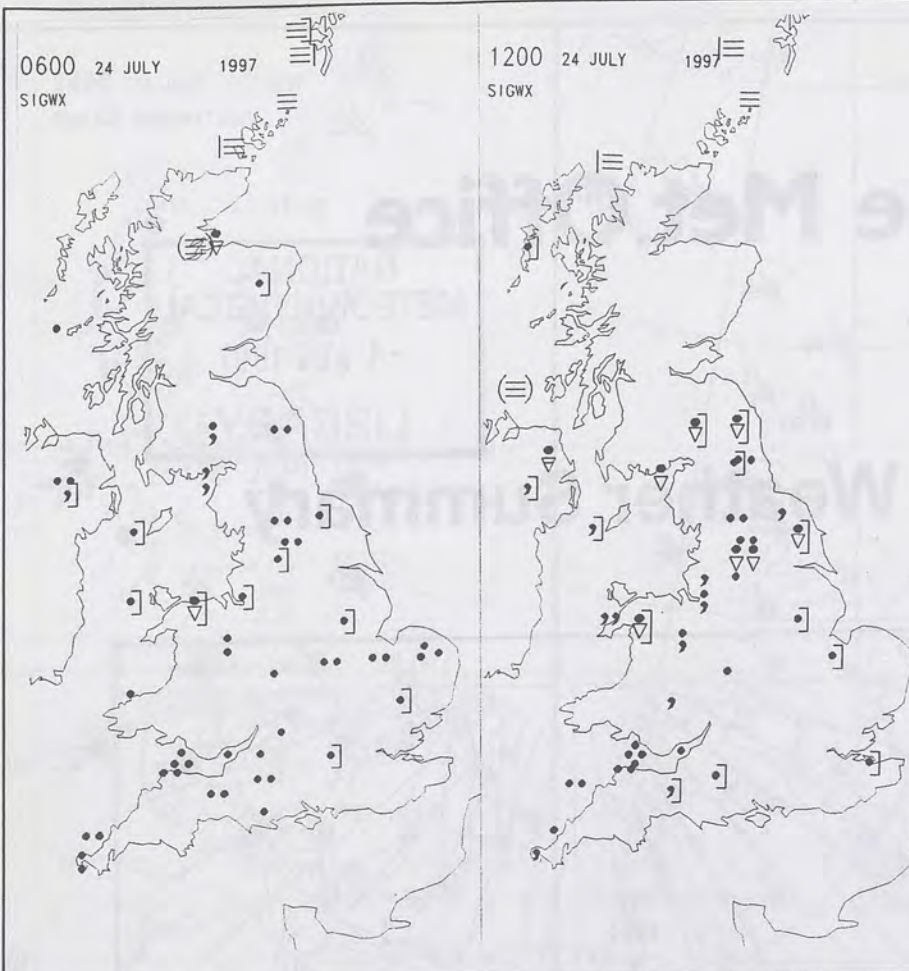
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# The Daily Weather Summary

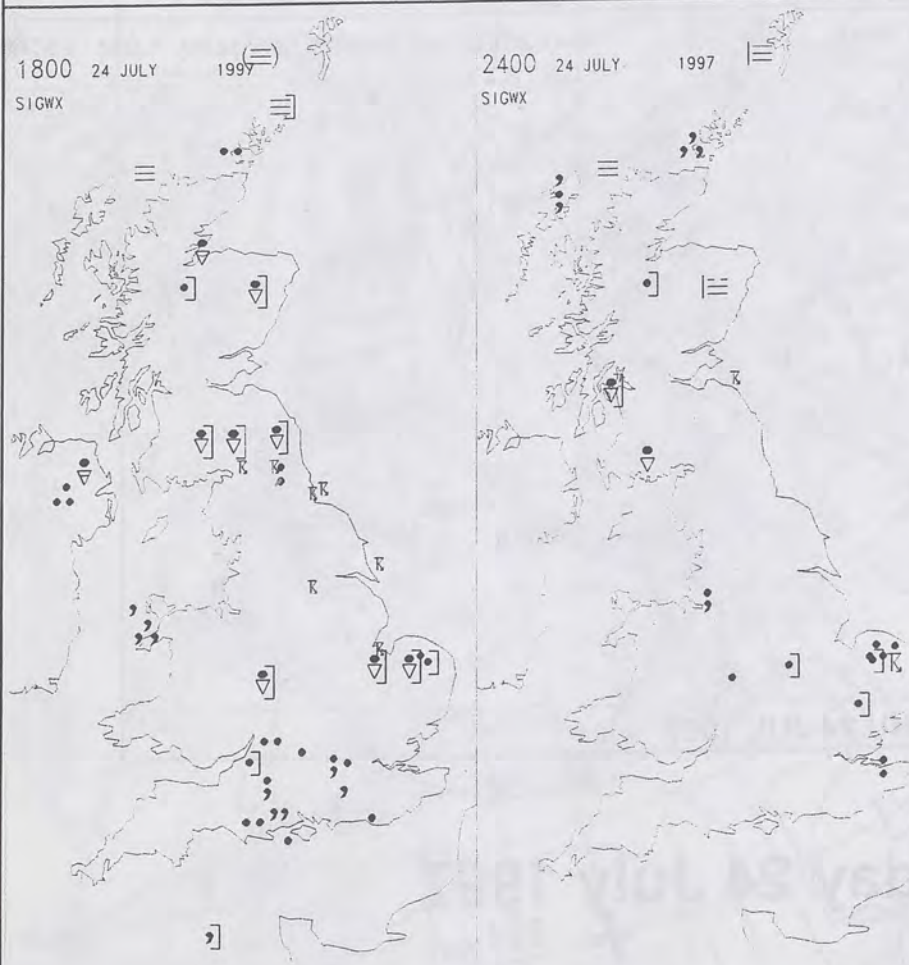


Thursday 24 July 1997





## SIGNIFICANT WEATHER CHARTS



## Summary of UK weather for Thursday 24th July 1997

It was a cloudy night across the UK, with outbreaks of generally light rain in many places by dawn. Northern Scotland and southeast England stayed generally dry.

During the morning, light rain spread across southeast England, and died out in many central and northern parts. Heavier and more persistent rain into western parts of the UK around dawn, spread eastwards through the day, reaching northeast and central southern England by the middle of the afternoon. Thunderstorms were reported during the afternoon and into the evening at various places, mainly in the east of the country from the Borders to Norfolk.

Drier, brighter conditions spread into the west through the afternoon, reaching central southern England by evening. The rain continued across eastern and southeast England through the evening and showers spread from the Irish Sea into northwest England.

Scotland and Northern Ireland had a generally cloudy day, with outbreaks of rain or showers throughout. Sea fog lingered around northern Scotland throughout the day. The western Isles had sunny periods.

Temperatures were generally near or just above average, but it was warm in the east and southeast of England.

## EXTREMES

### THURSDAY 24TH JULY 1997

#### Highest Maximum

: 25.6 C Gravesend (Kent)

#### Lowest Maximum

: 14.5 C Fair Isle  
(Between Orkney and Shetland)

#### Lowest Minimum

: 8.3 C Loch Glascarnoch  
(Highland)

#### Lowest Grass Minimum

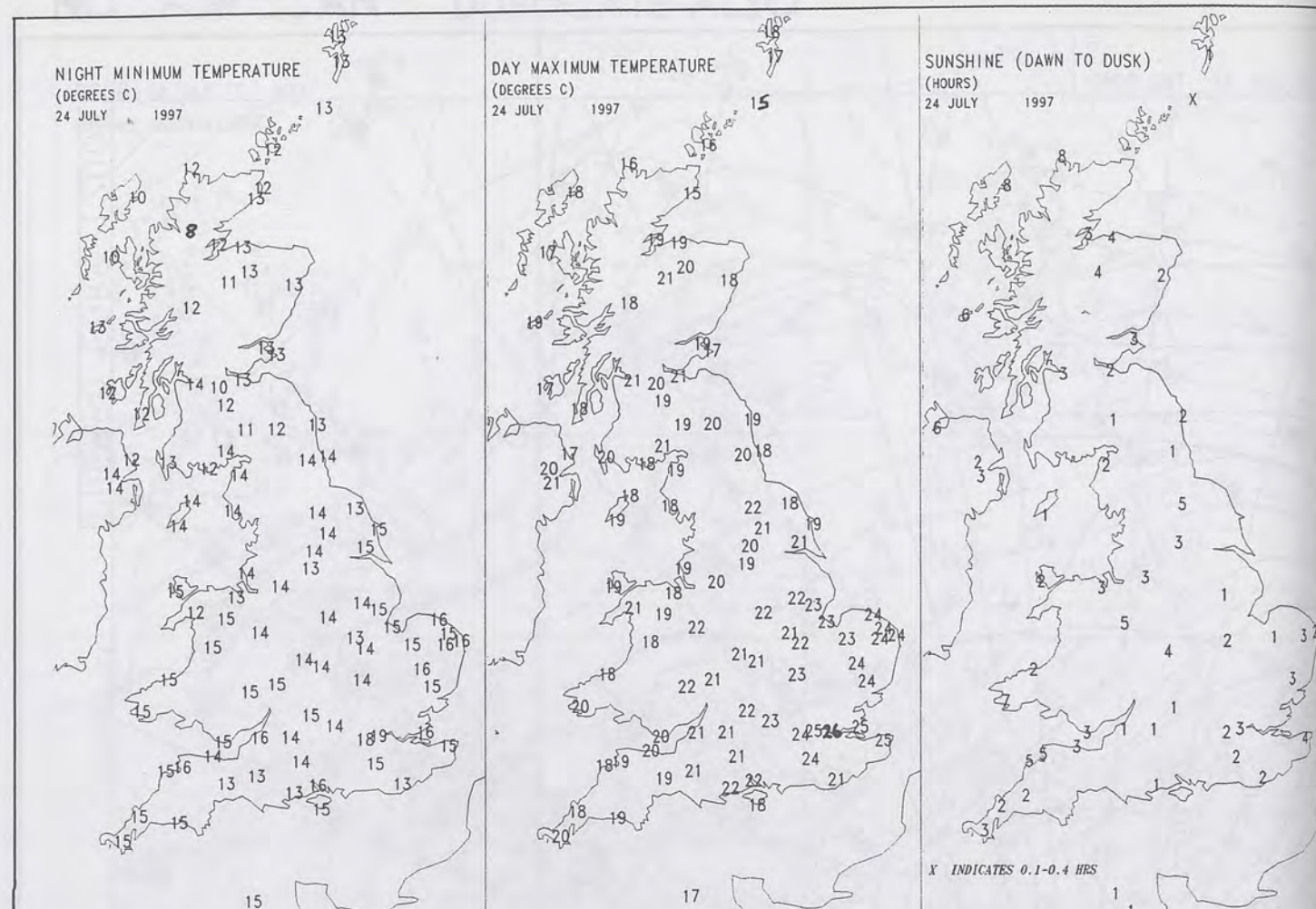
: 4.4 C Stornoway  
(Outer Hebrides)

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

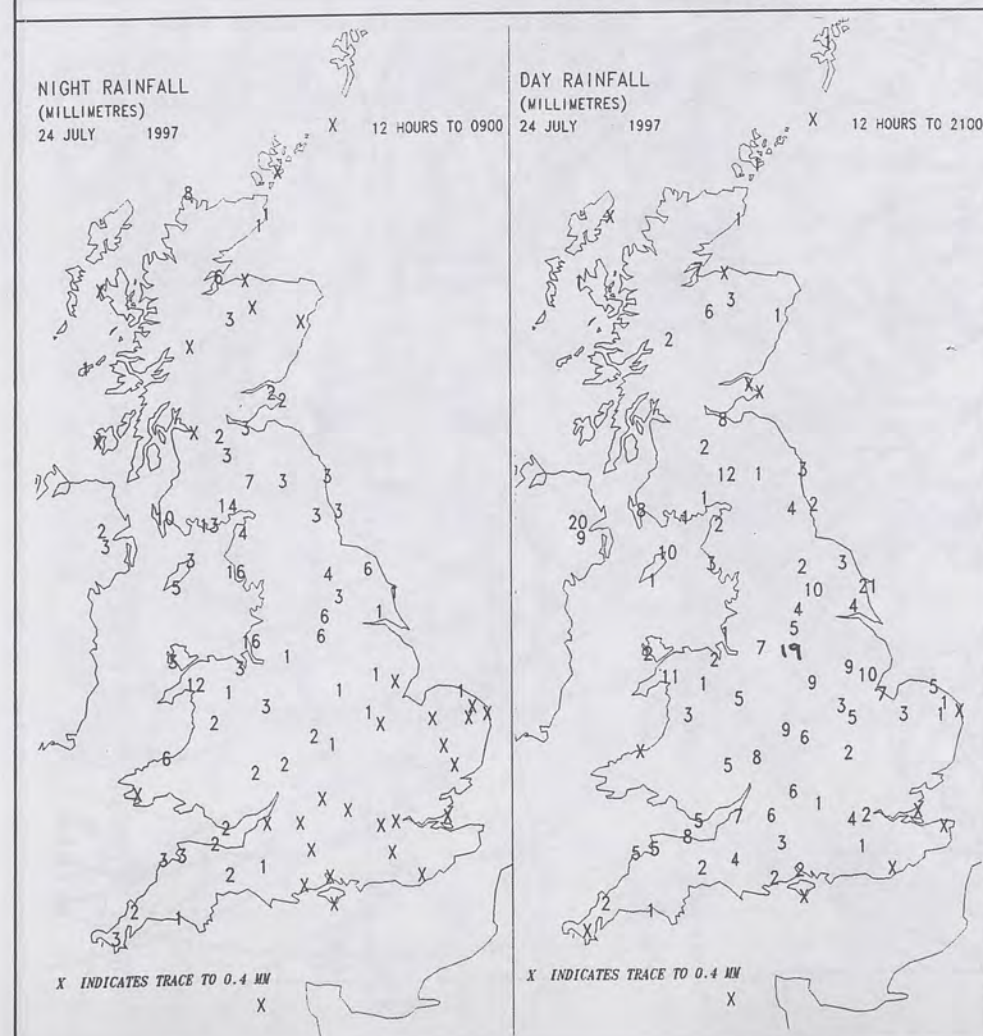
: 25.0 mm Buxton  
(Derbyshire)

#### Most Sunshine

: 7.9 hrs Cape Wrath (Highland)



## DAILY CLIMATE DATA



## DAILY WEATHER SUMMARY



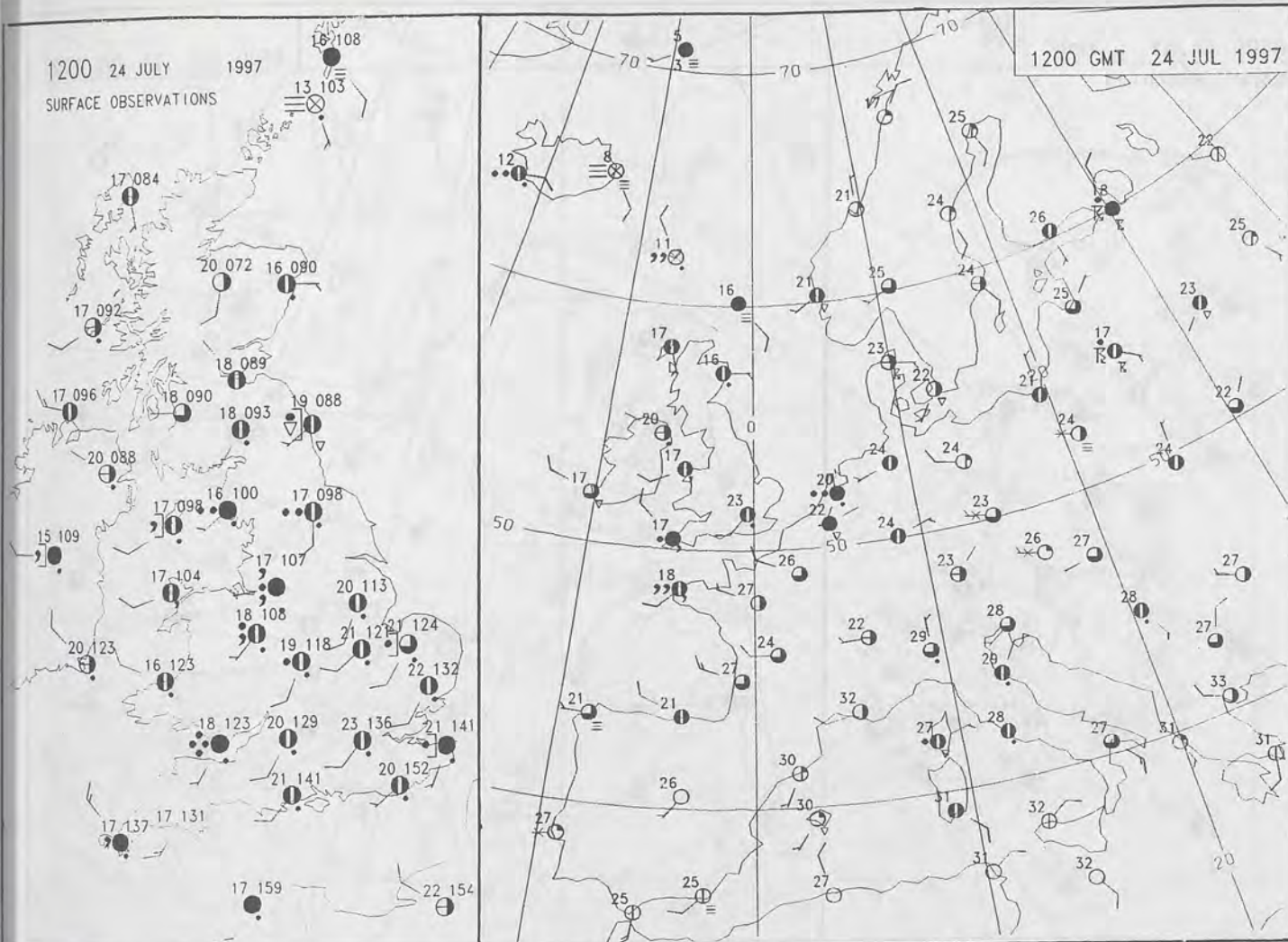
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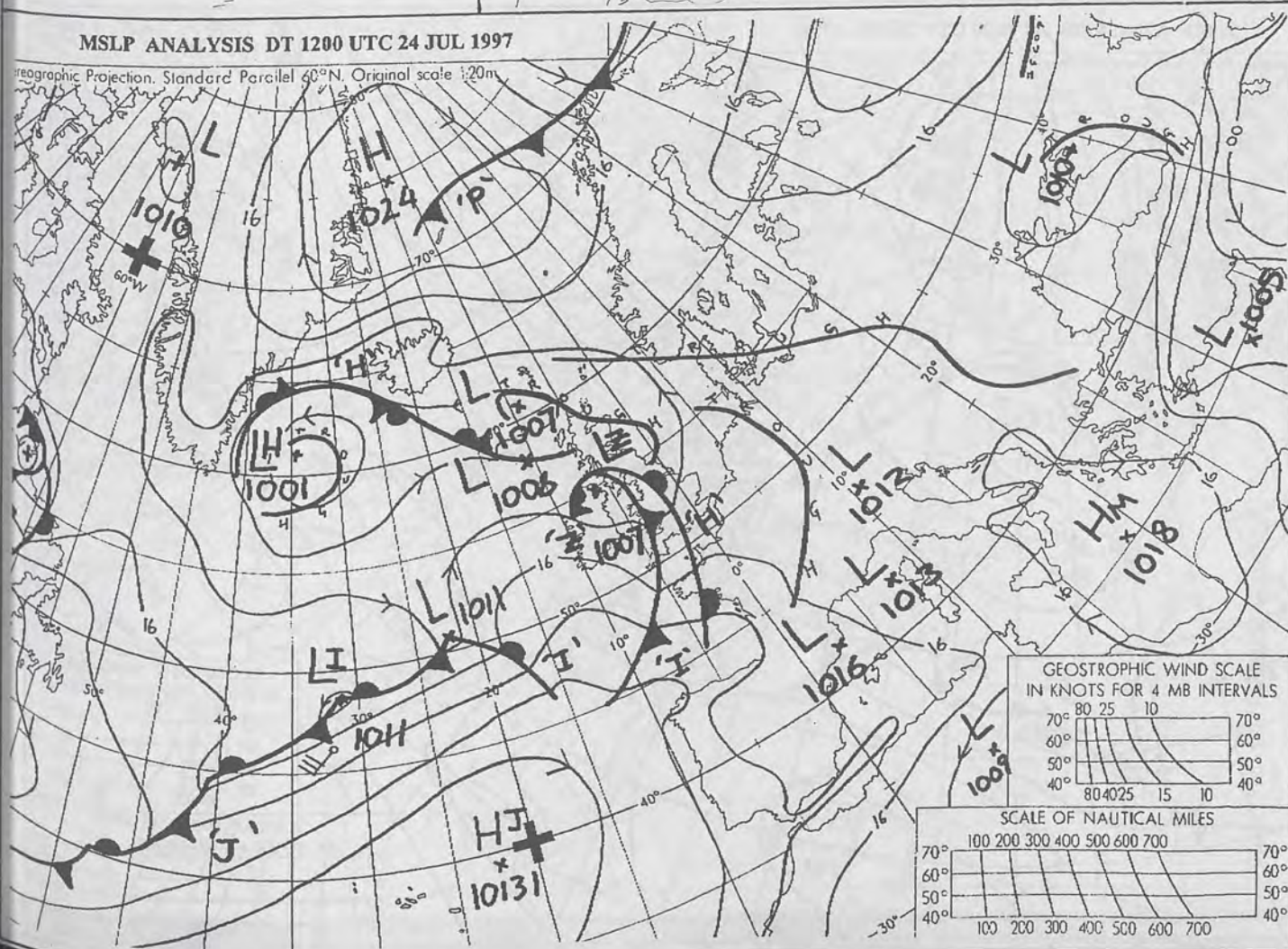


1200 24 JULY 1997  
SURFACE OBSERVATIONS

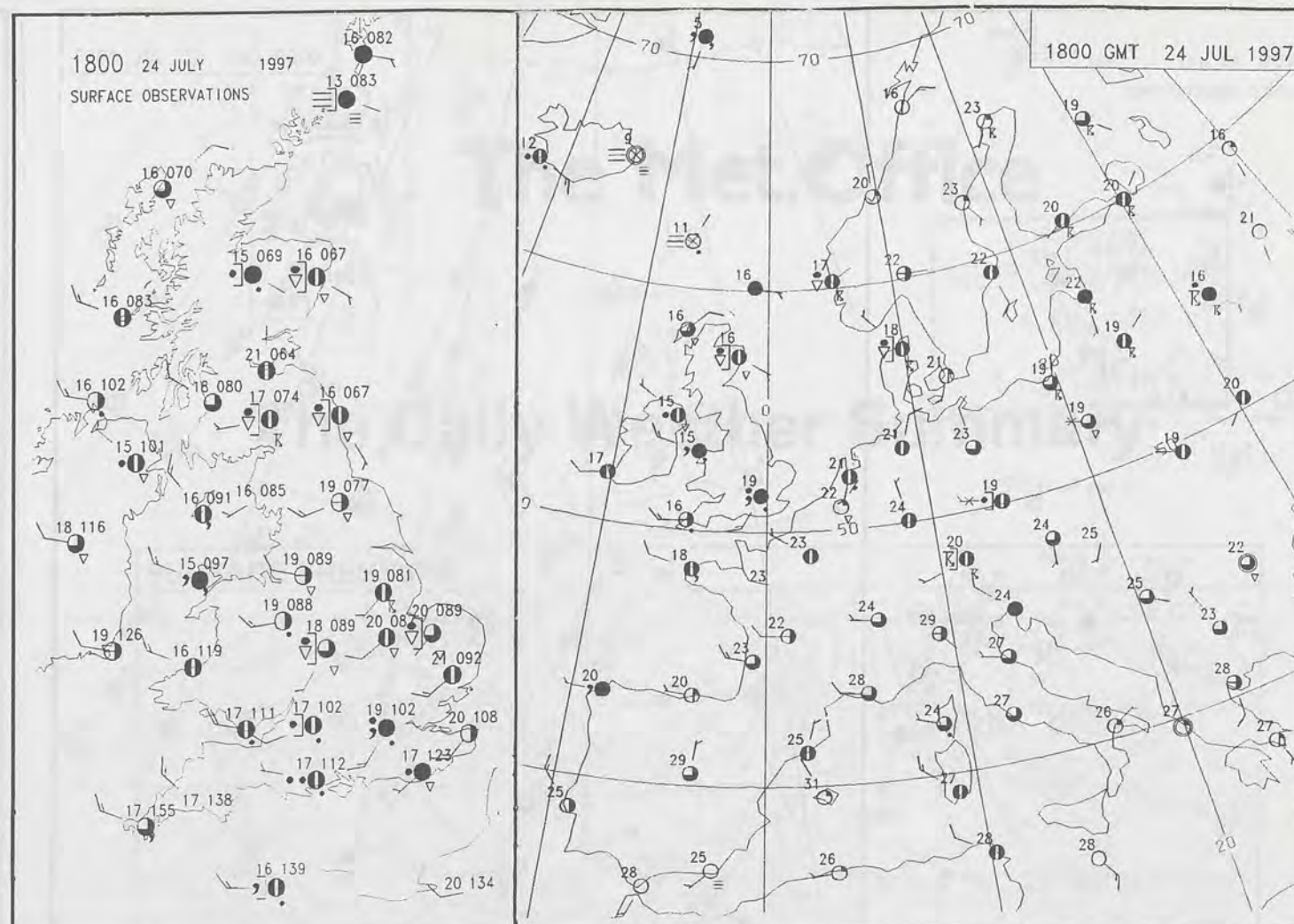


MSLP ANALYSIS DT 1200 UTC 24 JUL 1997

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

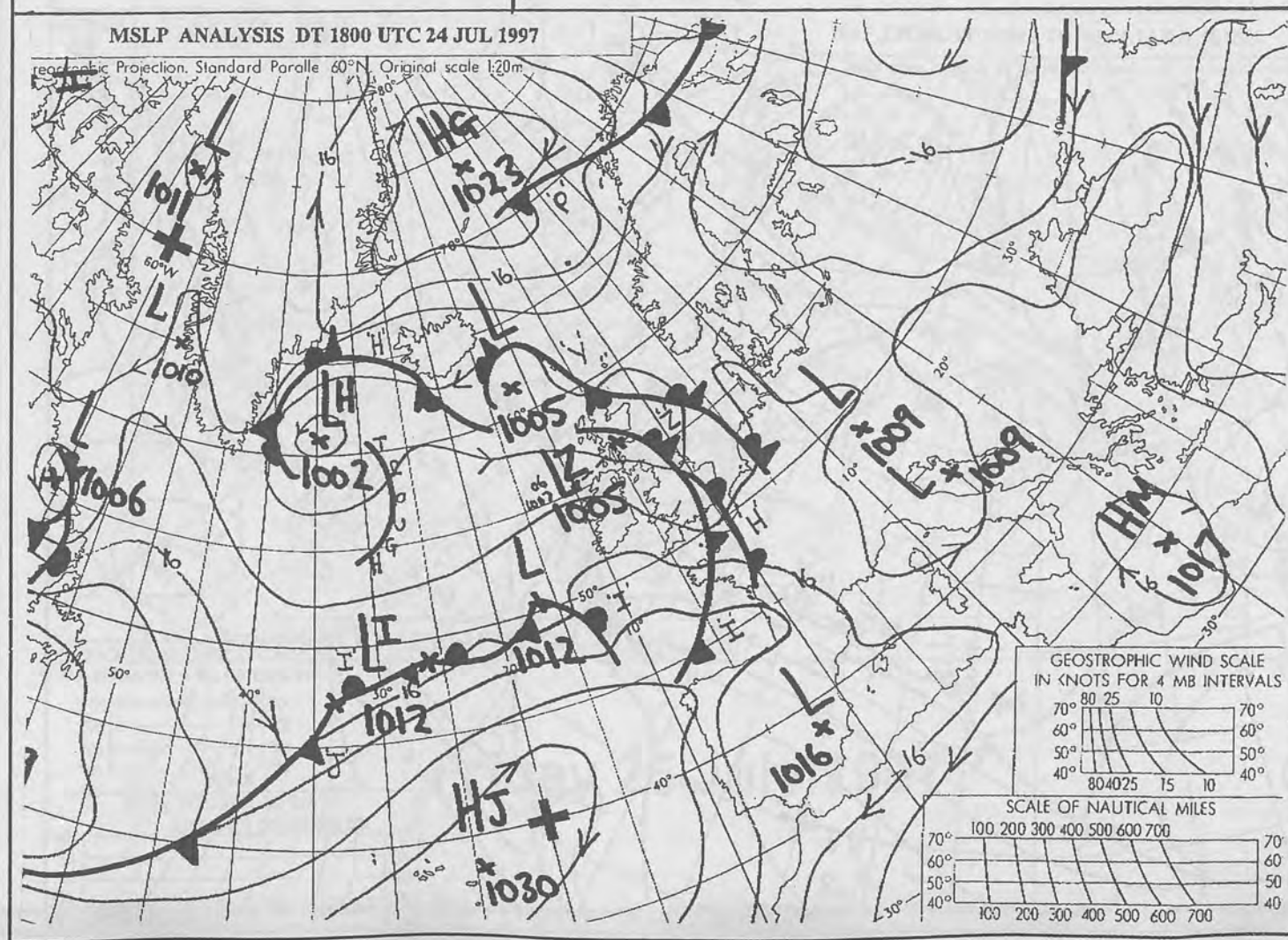


1800 24 JULY  
SURFACE OBSERVATIONS



MSLP ANALYSIS DT 1800 UTC 24 JUL 1997

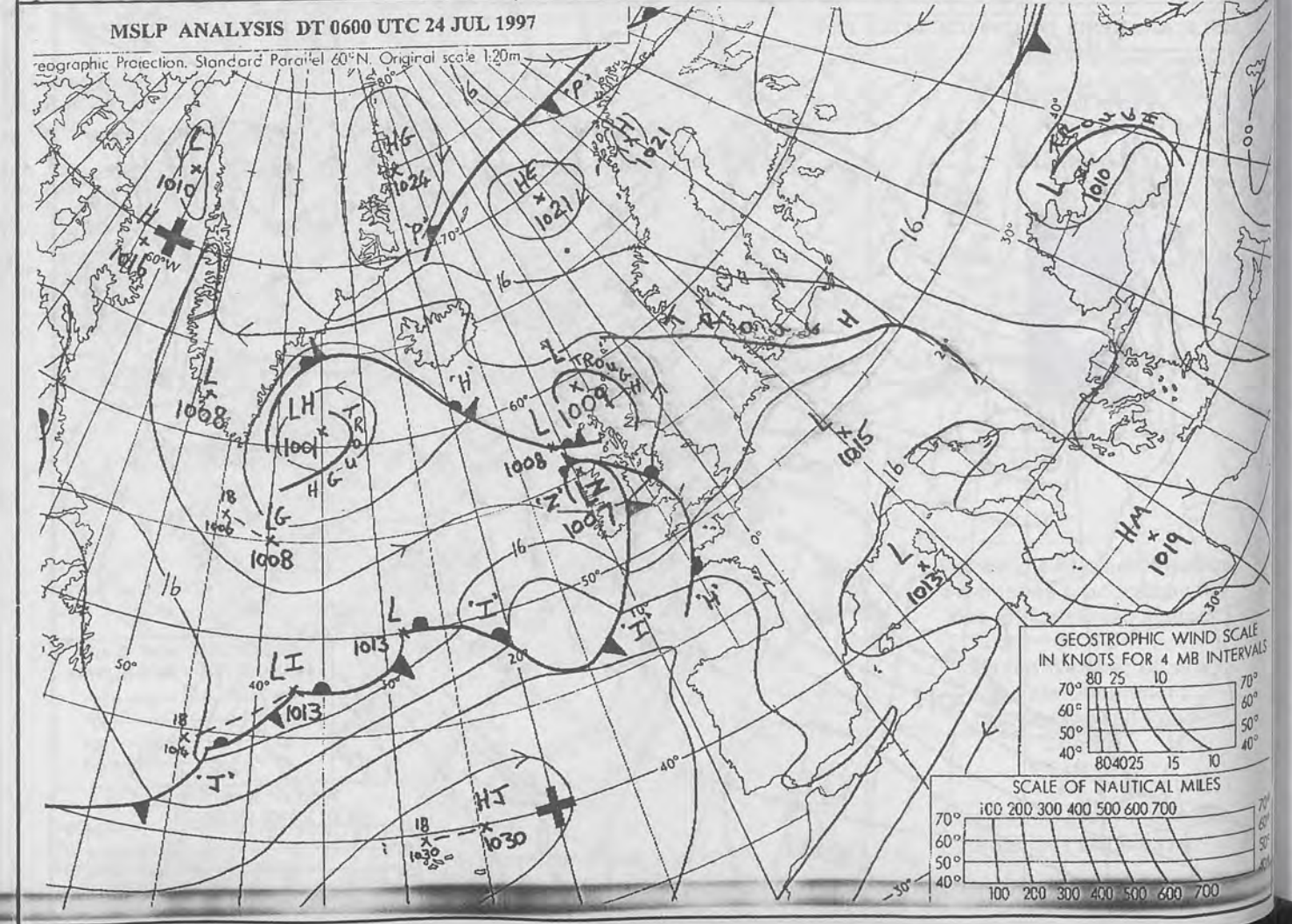
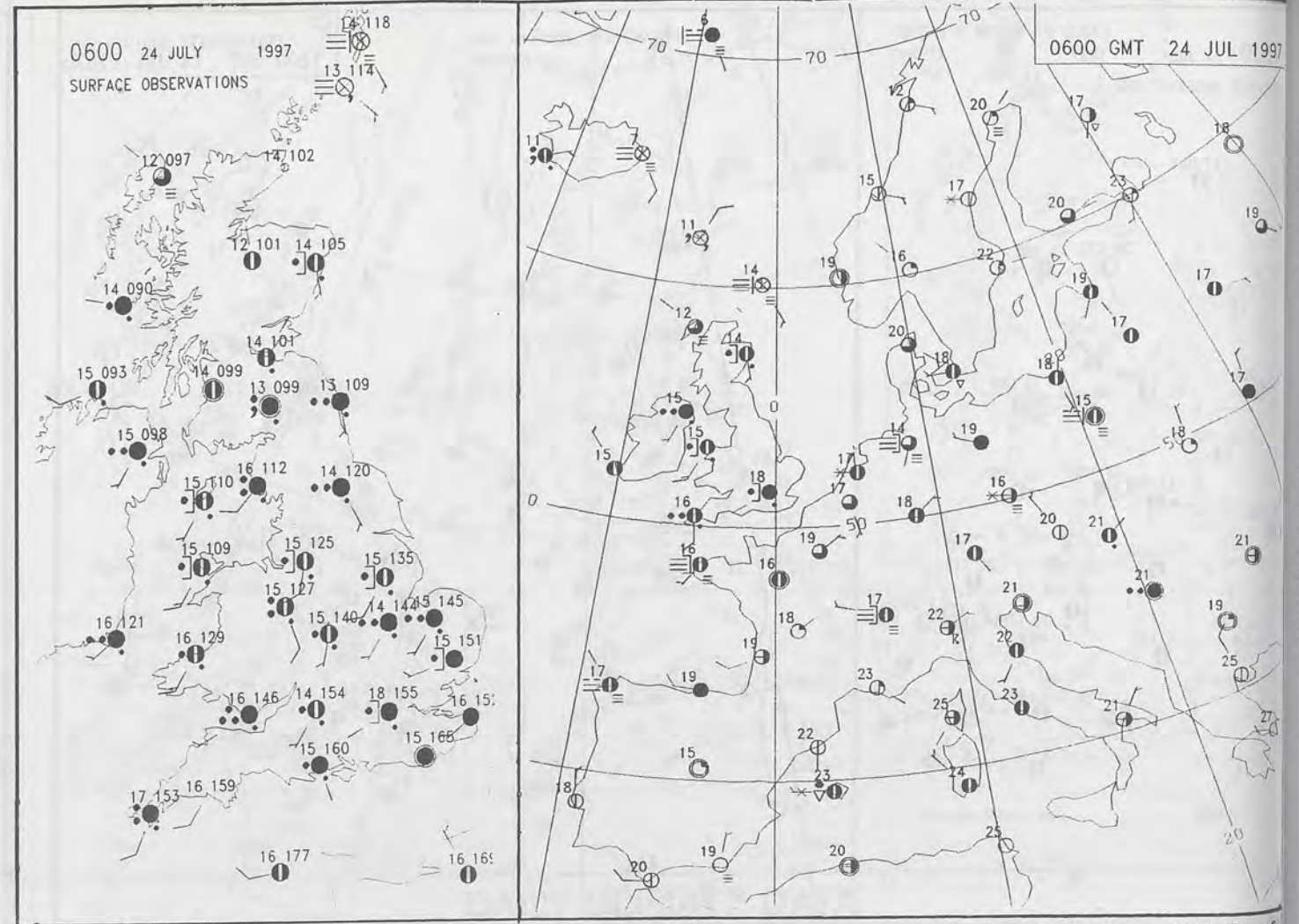
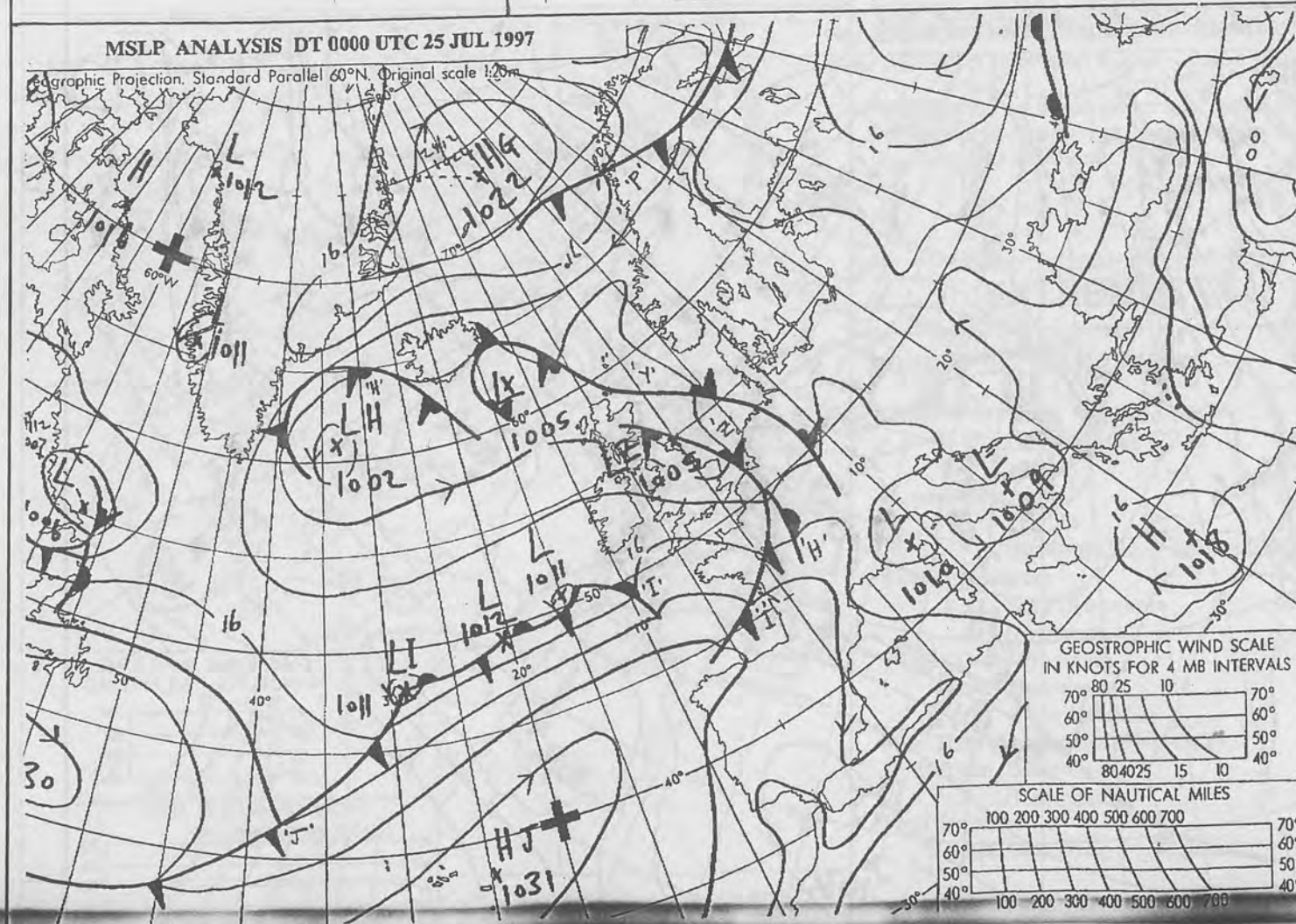
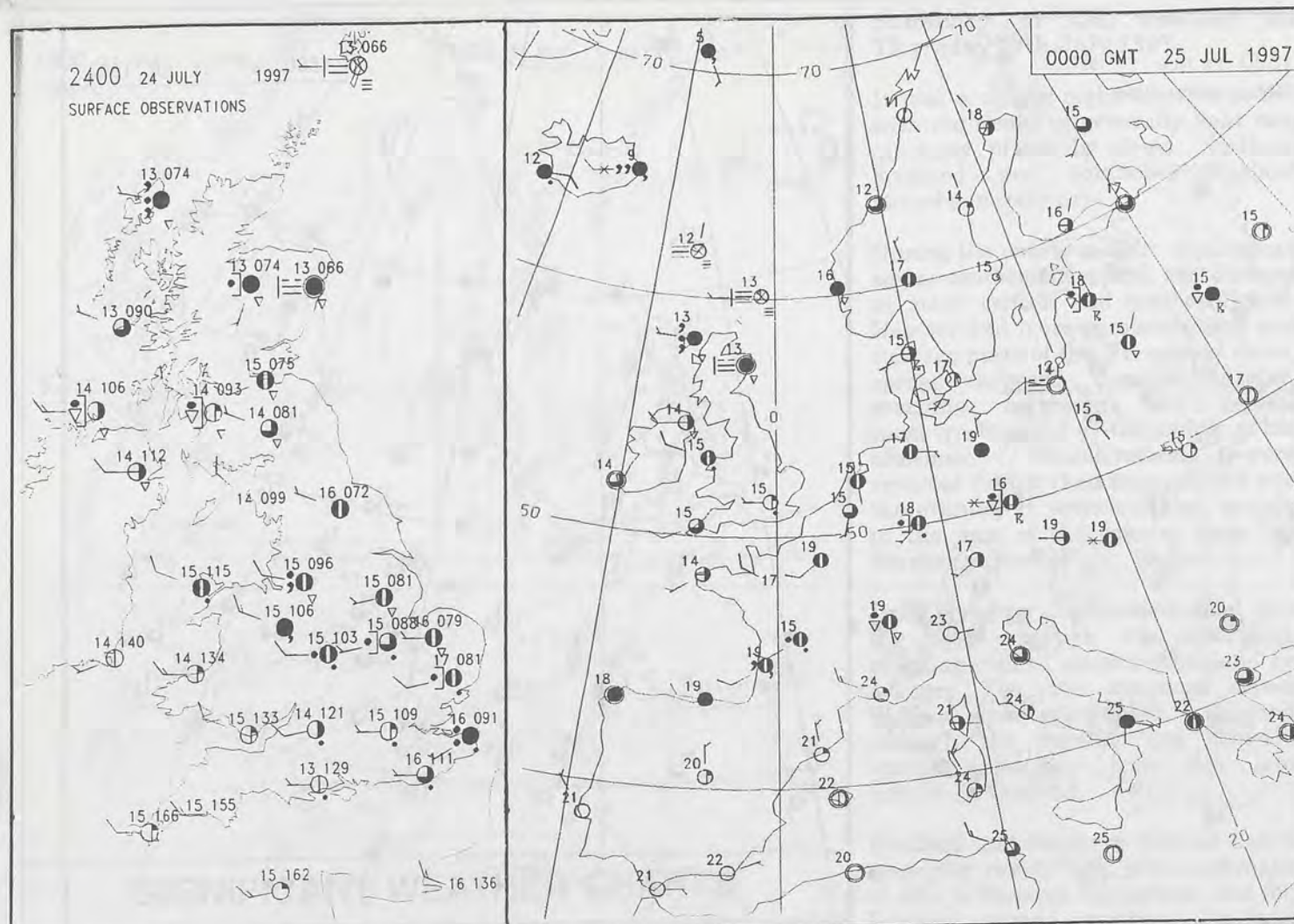
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NOT FOR LOAN

DUPLICATE ALSO



500-1000MB

THICKNESS DM.

T+0

GMAIN

25/7/97

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VI 12Z FRI

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JUL 1997

500-1000MB  
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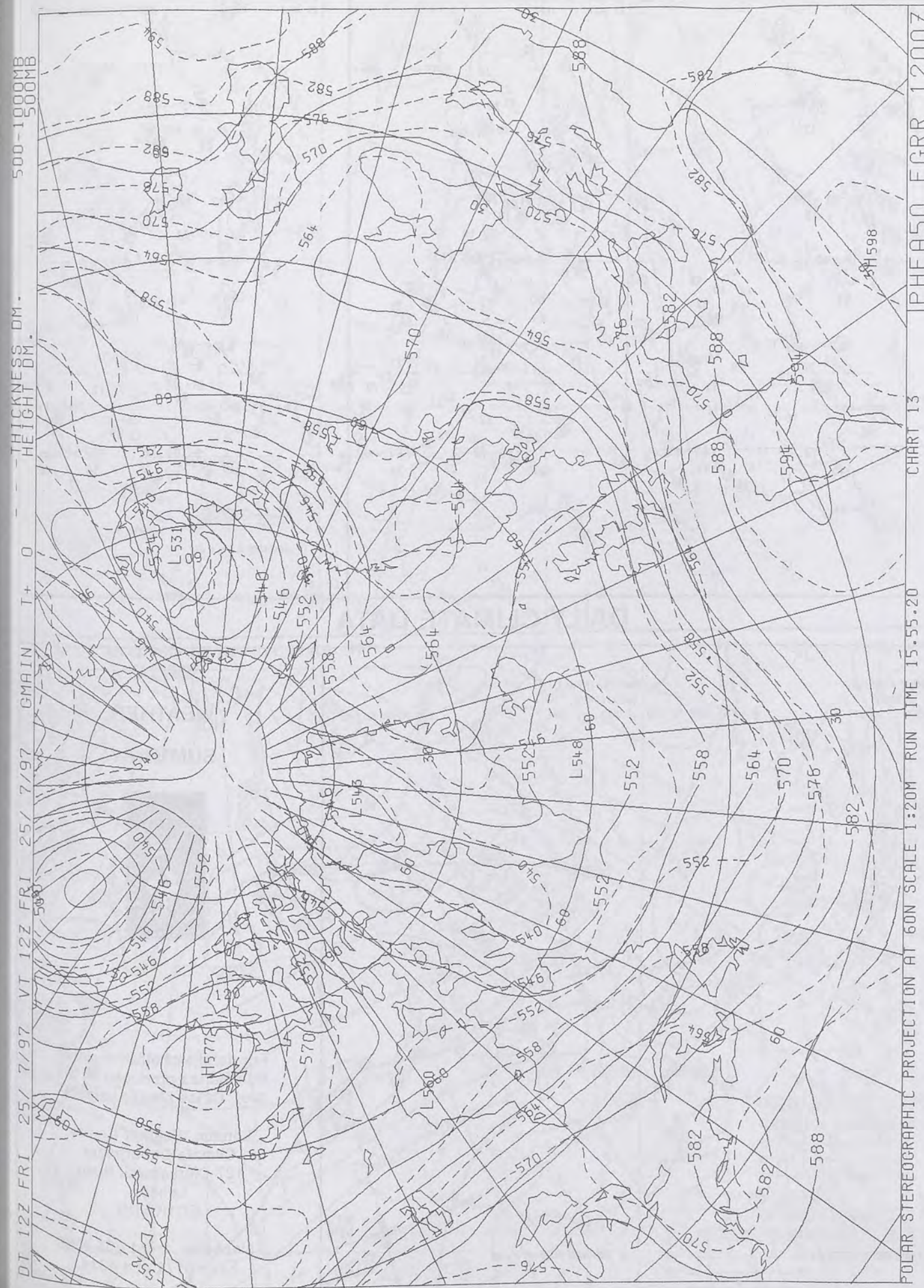
THICKNESS DM.  
HEIGHT DM.

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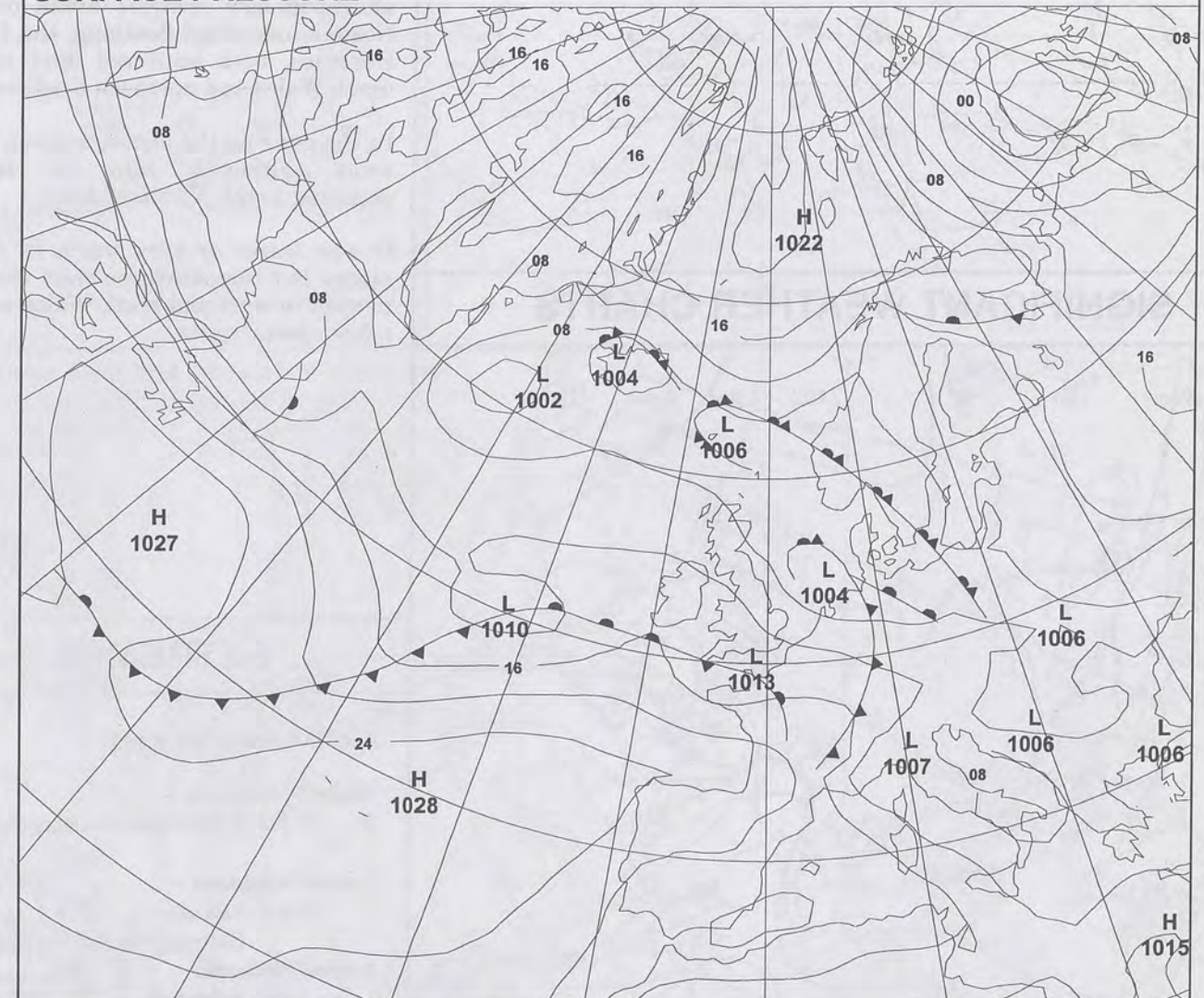


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## The Daily Weather Summary

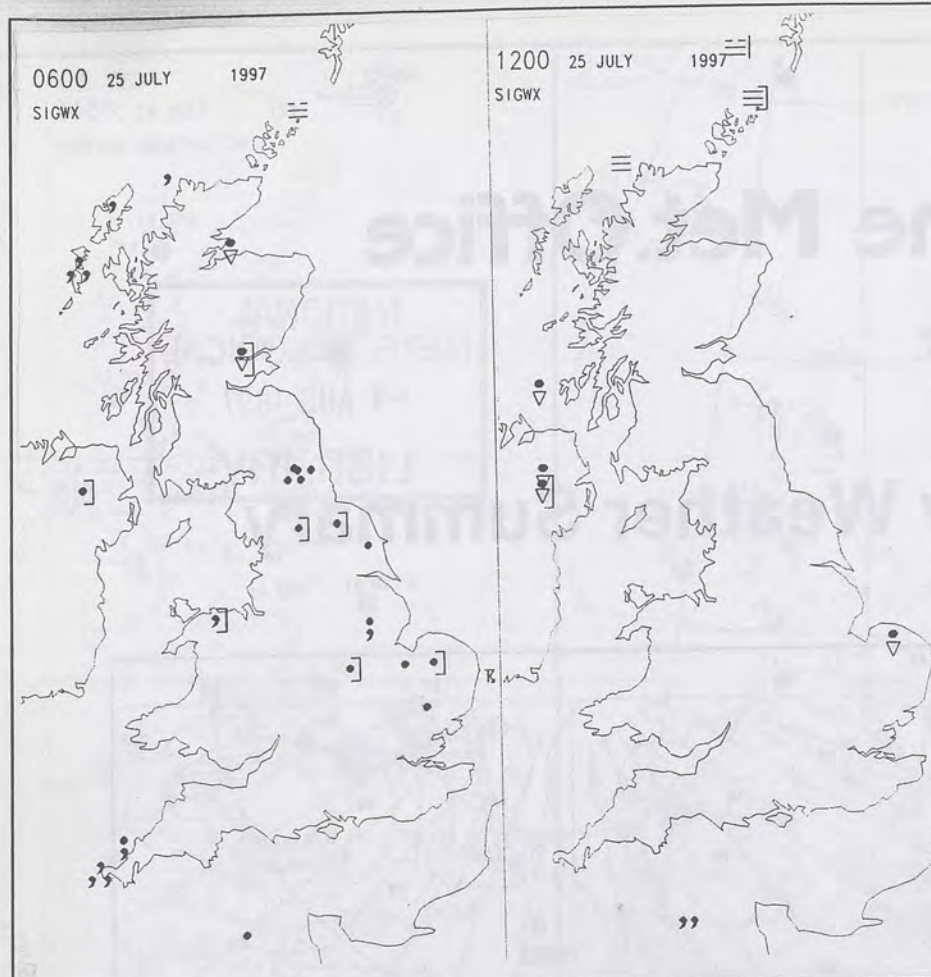
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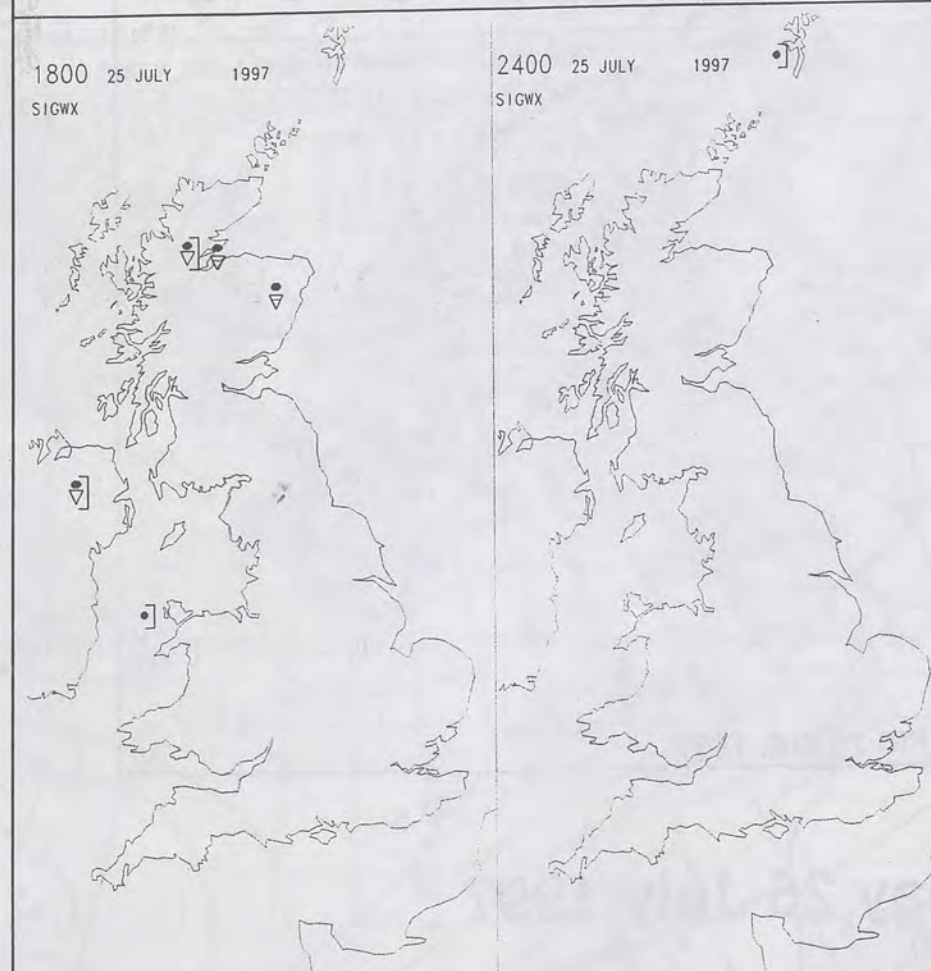
ANALYSIS VALID 1200 UTC FRI 25 JUL 1997

## Friday 25 July 1997





## SIGNIFICANT WEATHER CHARTS



### Summary of UK weather for Friday 25th July 1997

Light rain or drizzle was scattered across the central spine of England and the extreme east of East Anglia and Kent at first. Northern Scotland had fog as well as rain or drizzle. In the early hours rain or drizzle fell in Cornwall, eastern England to the north of The Wash, and along the Moray Firth, as the fog lifted from northern Scotland.

In the morning rain or drizzle spread into the Outer Hebrides, but left northeast England and Norfolk. The rain in Cornwall pushed east along the Channel coast as far as Dorset. The afternoon saw showers break out in Norfolk, northeast Scotland, the Outer Hebrides, with scattered ones across north Wales and northern England.

In the evening the showers slowly died away, although rain or drizzle returned to the Northern Isles.

It was warm or very warm in many places but temperatures were close to normal in west and north Wales and in a few coastal spots.

## EXTREMES

### FRIDAY 25TH JULY 1997

#### Highest Maximum

: 24.5 C Southampton Weather Centre

#### Lowest Maximum

: 13.8 C Fair Isle  
(Between Orkney and Shetland)

#### Lowest Minimum

: 8.0 C Salsburgh  
(North Lanarkshire)

#### Lowest Grass Minimum

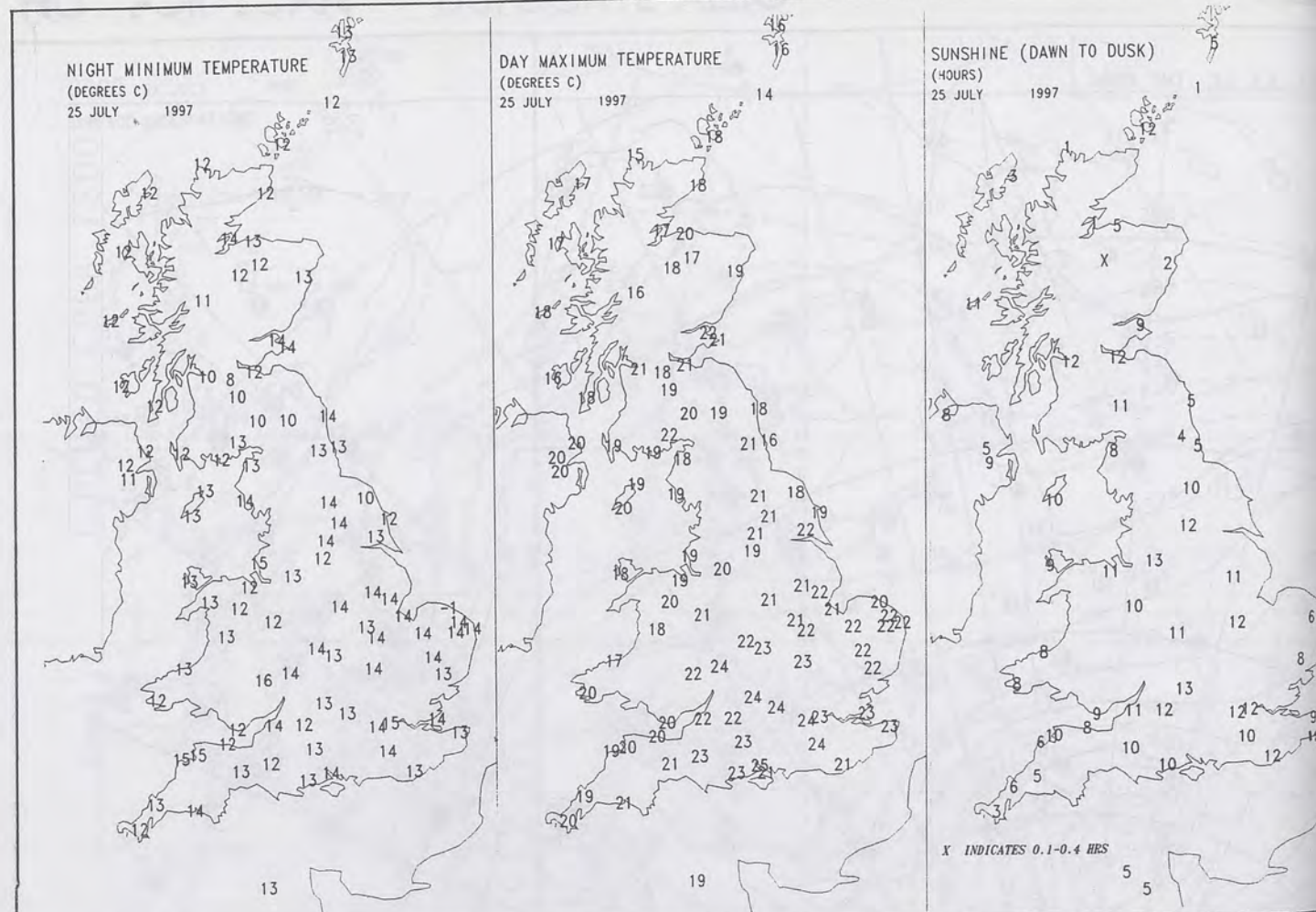
: 5.2 C Moyola (County Antrim)

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

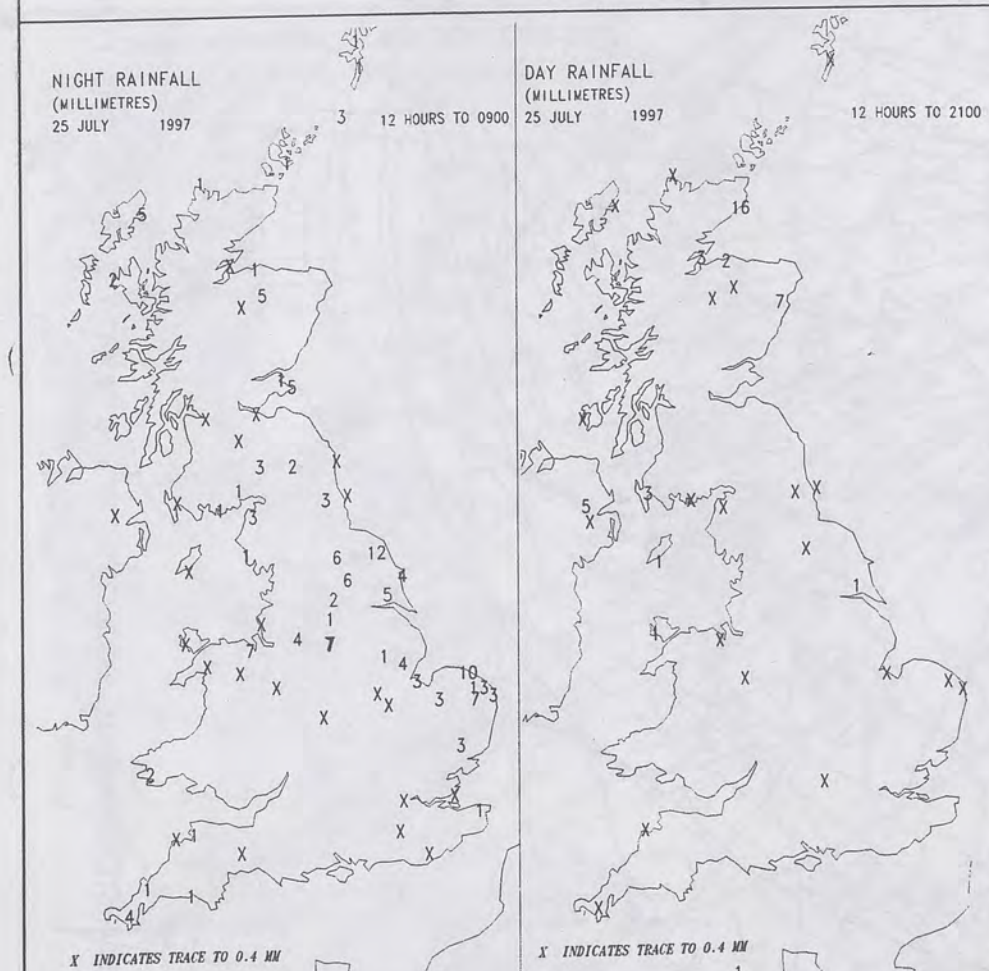
: 16.4 mm Scrabster Harbour  
(Highland)

#### Most Sunshine

: 14.7 hrs Folkestone (Kent)



## DAILY CLIMATE DATA



## DAILY WEATHER SUMMARY



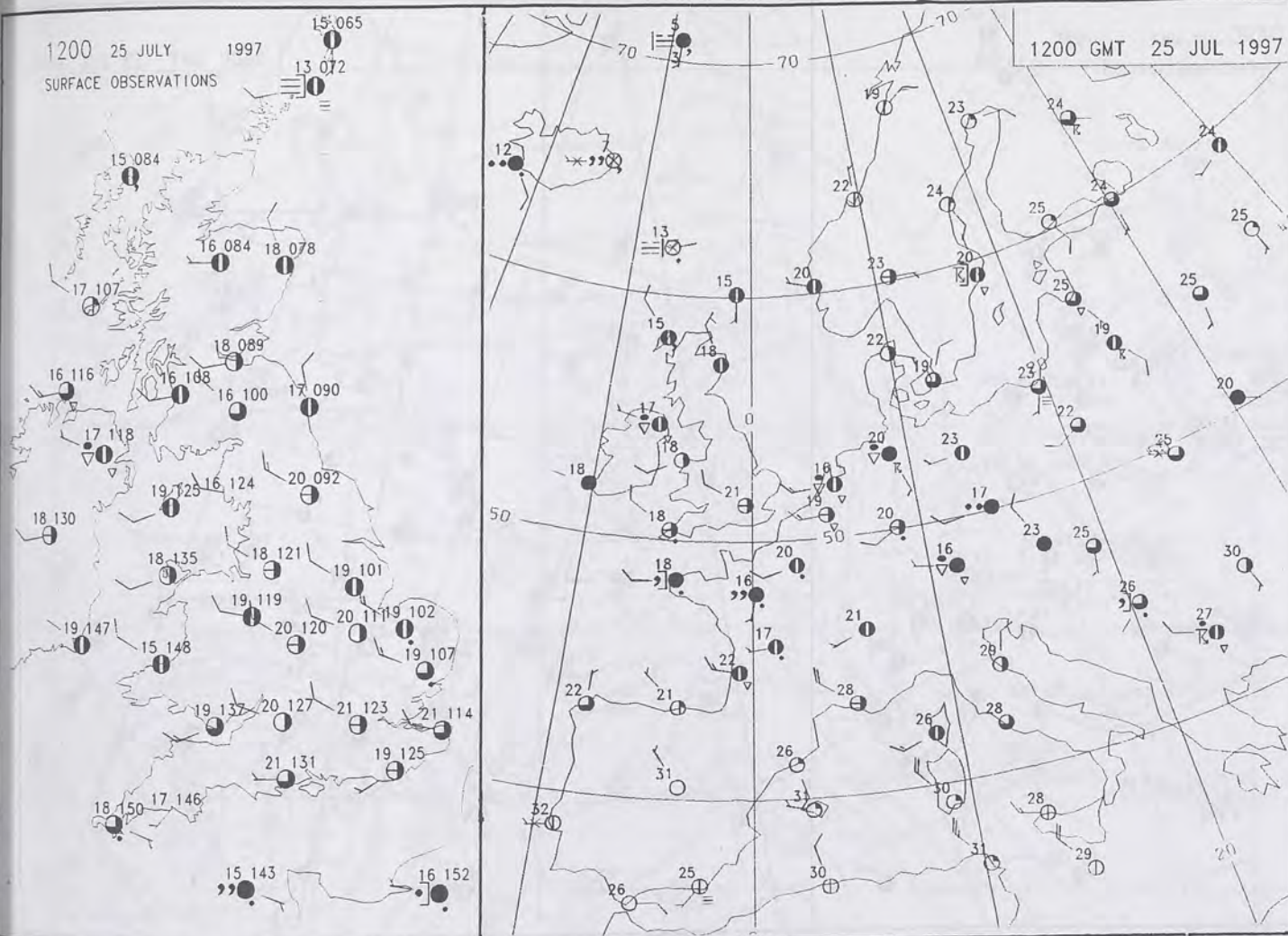
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London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314

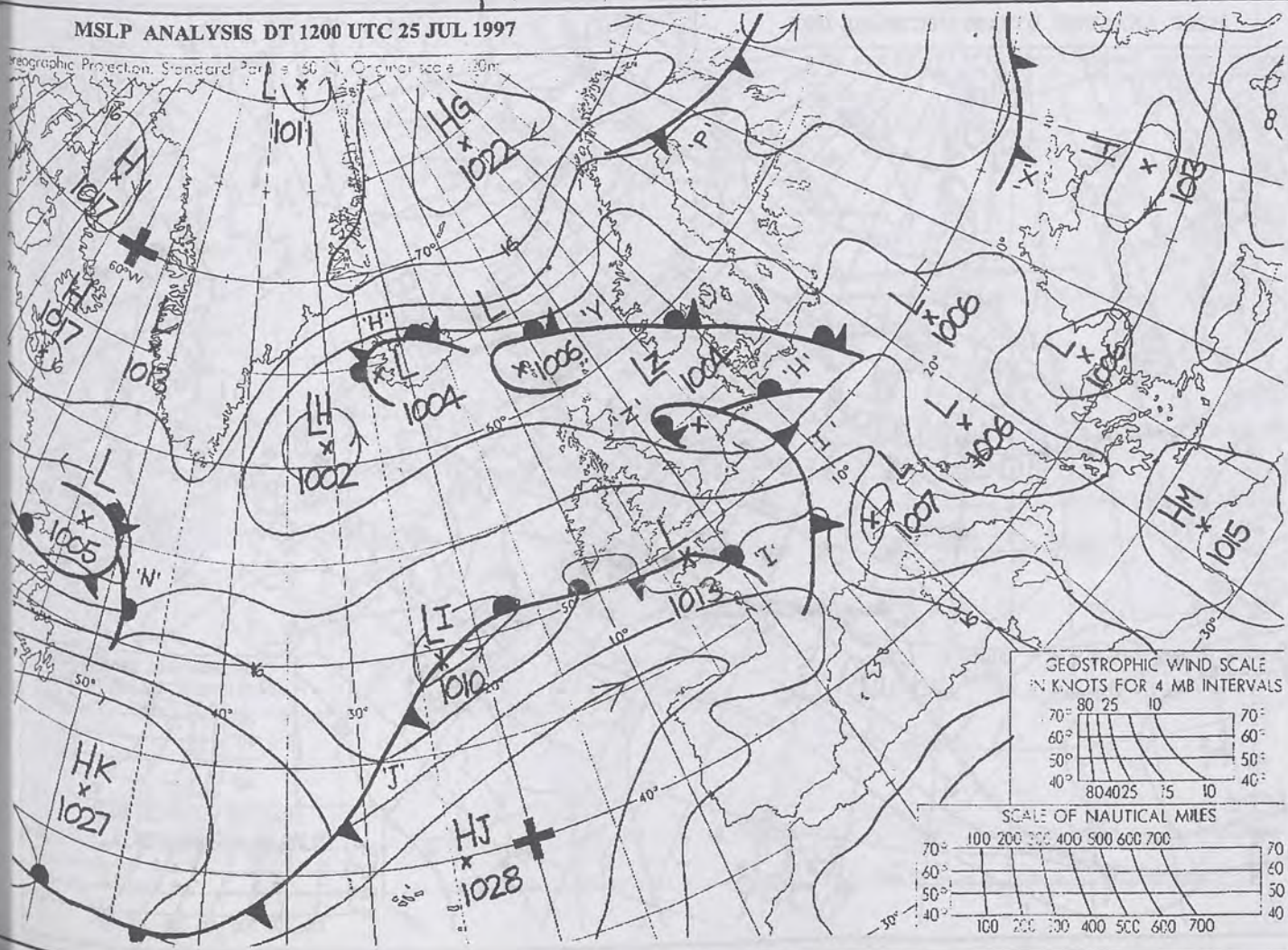


1200 25 JULY 1997  
SURFACE OBSERVATIONS

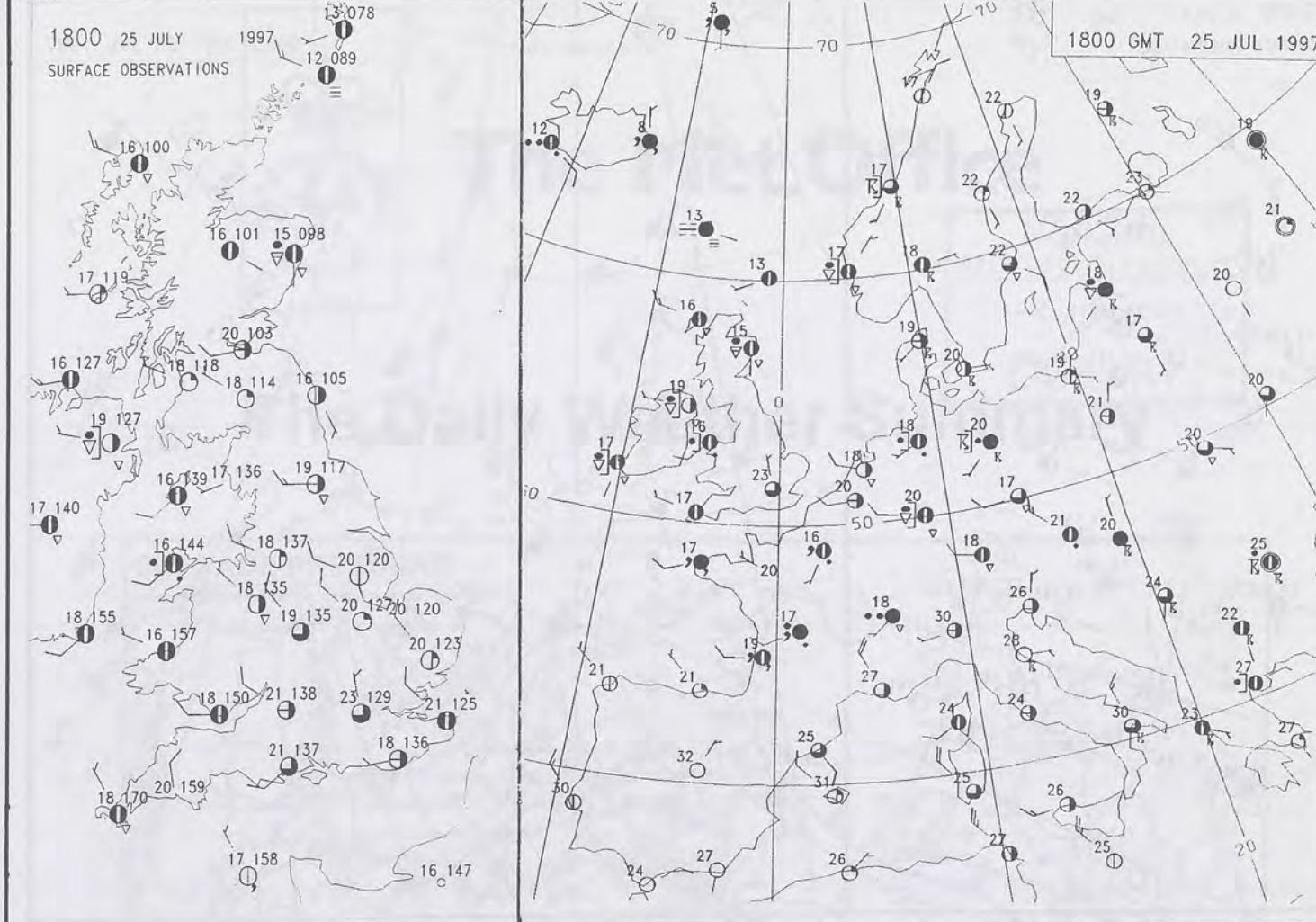


1200 GMT 25 JUL 1997

MSLP ANALYSIS DT 1200 UTC 25 JUL 1997

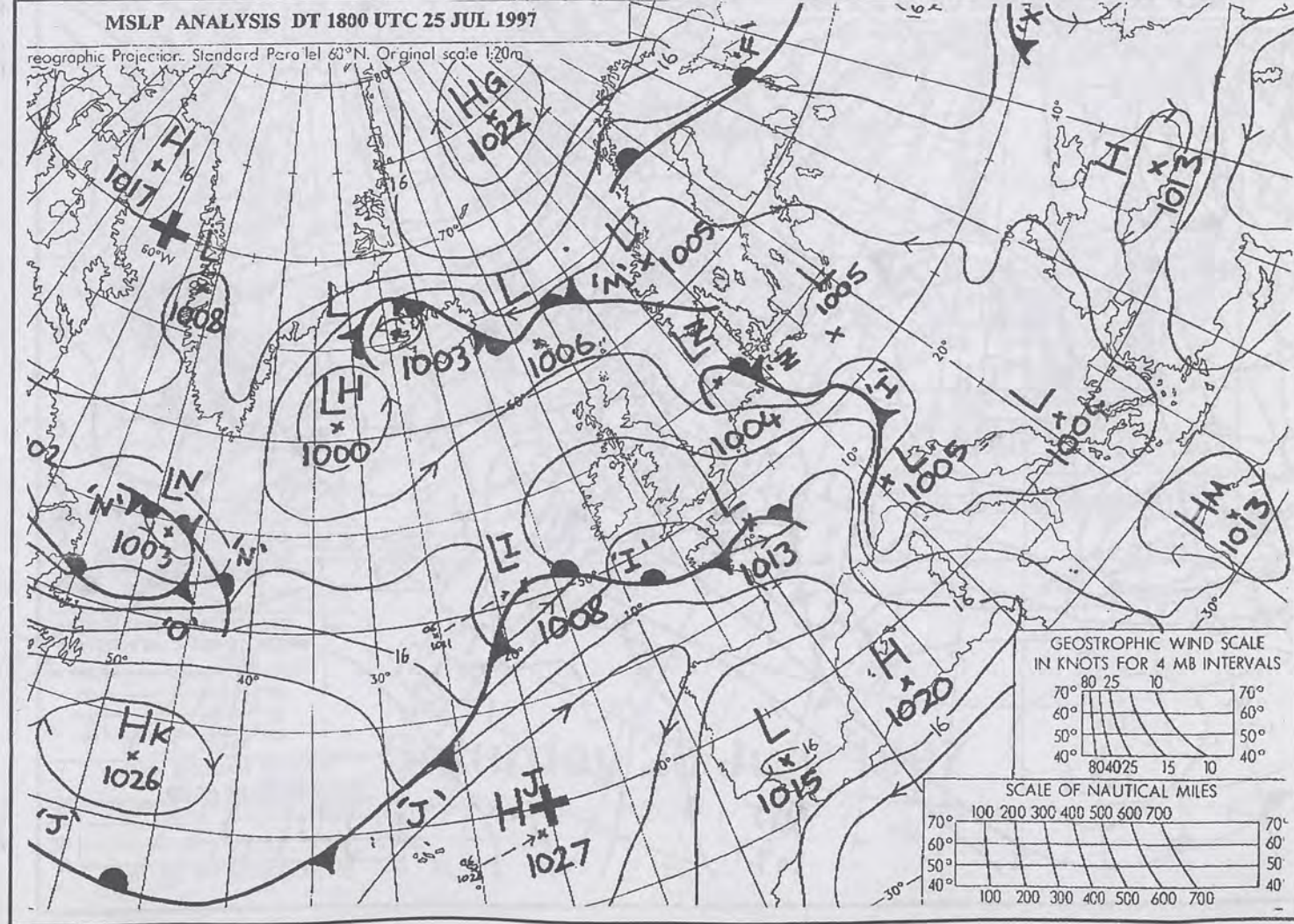


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SURFACE OBSERVATIONS

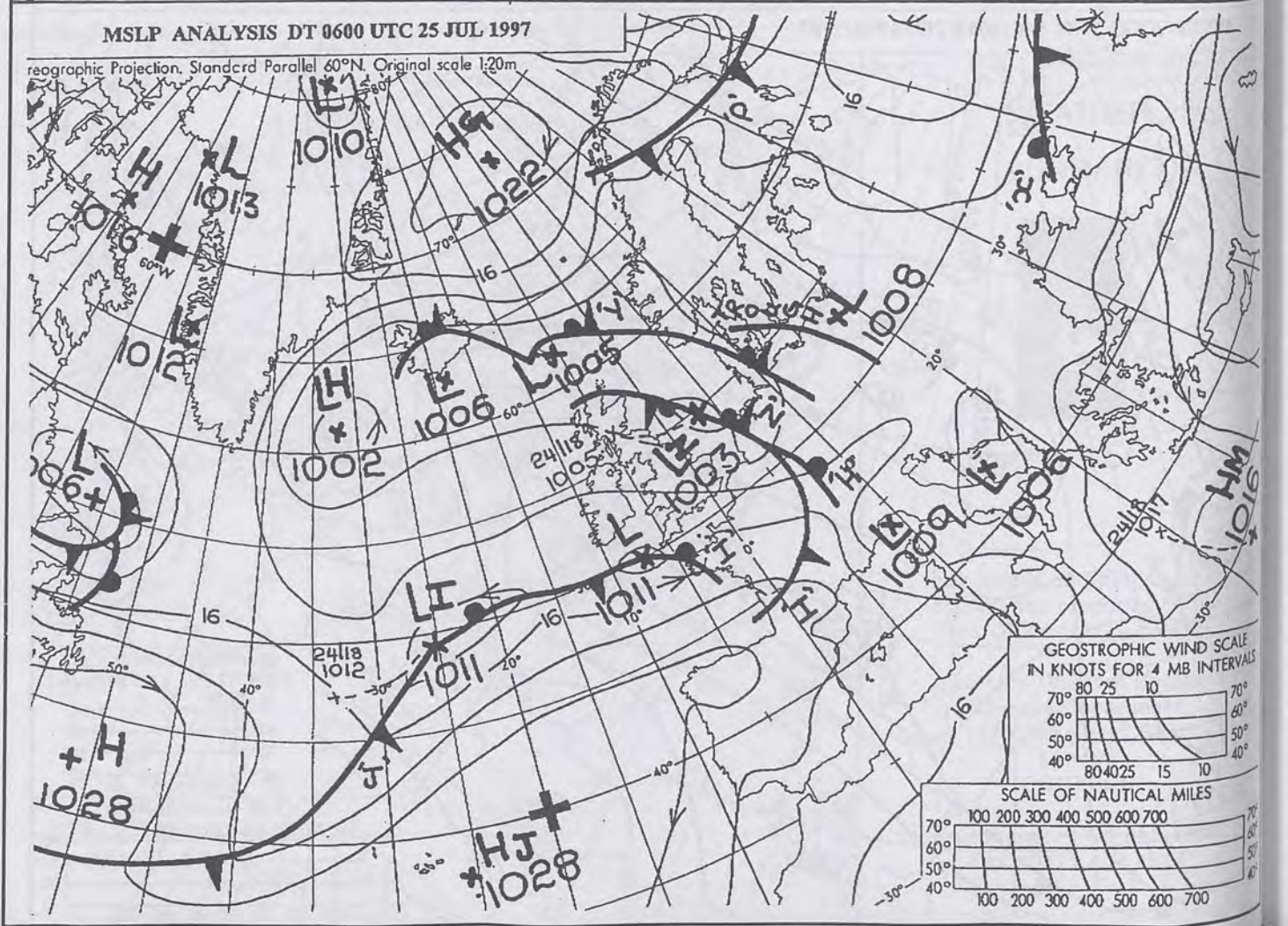
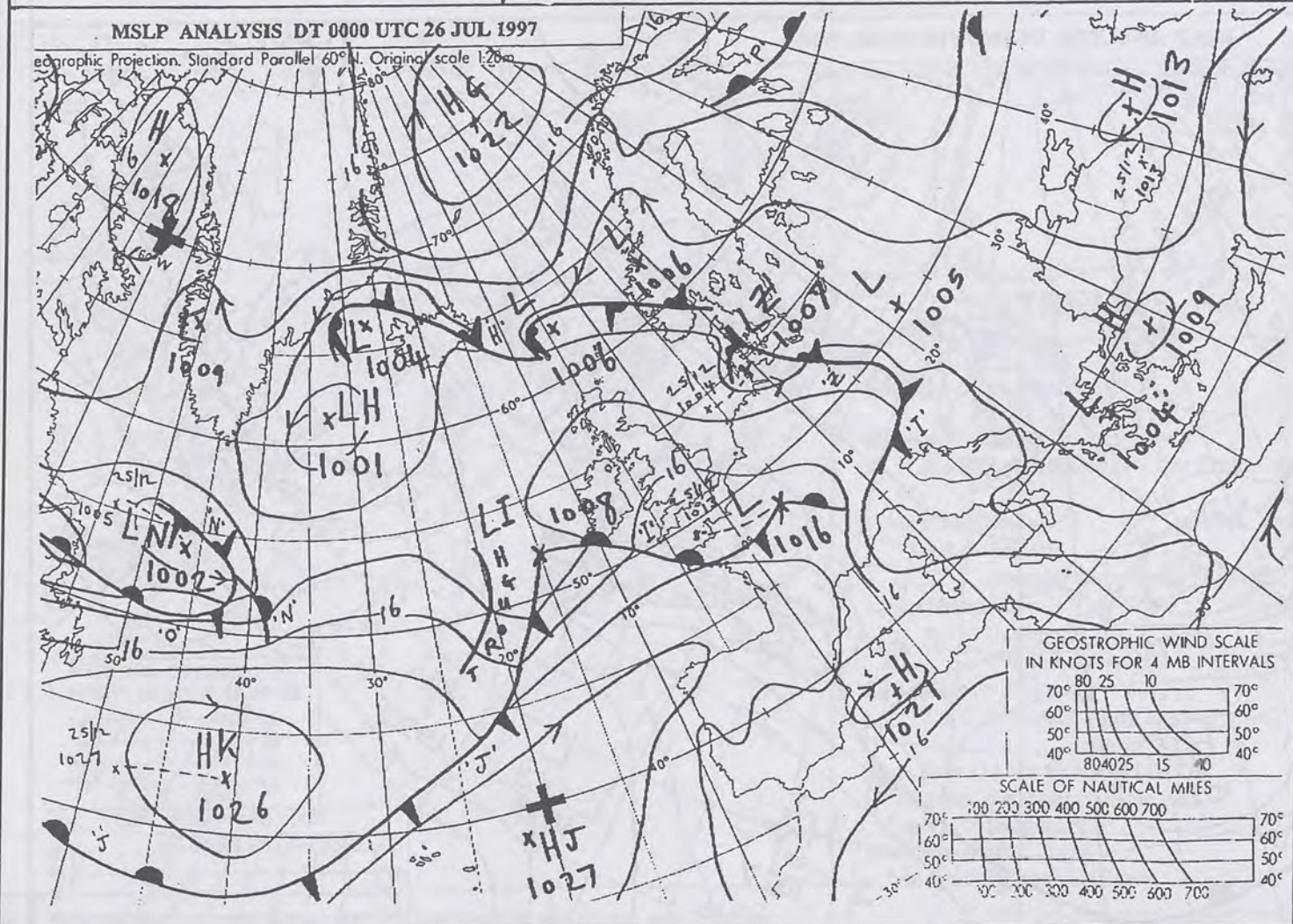
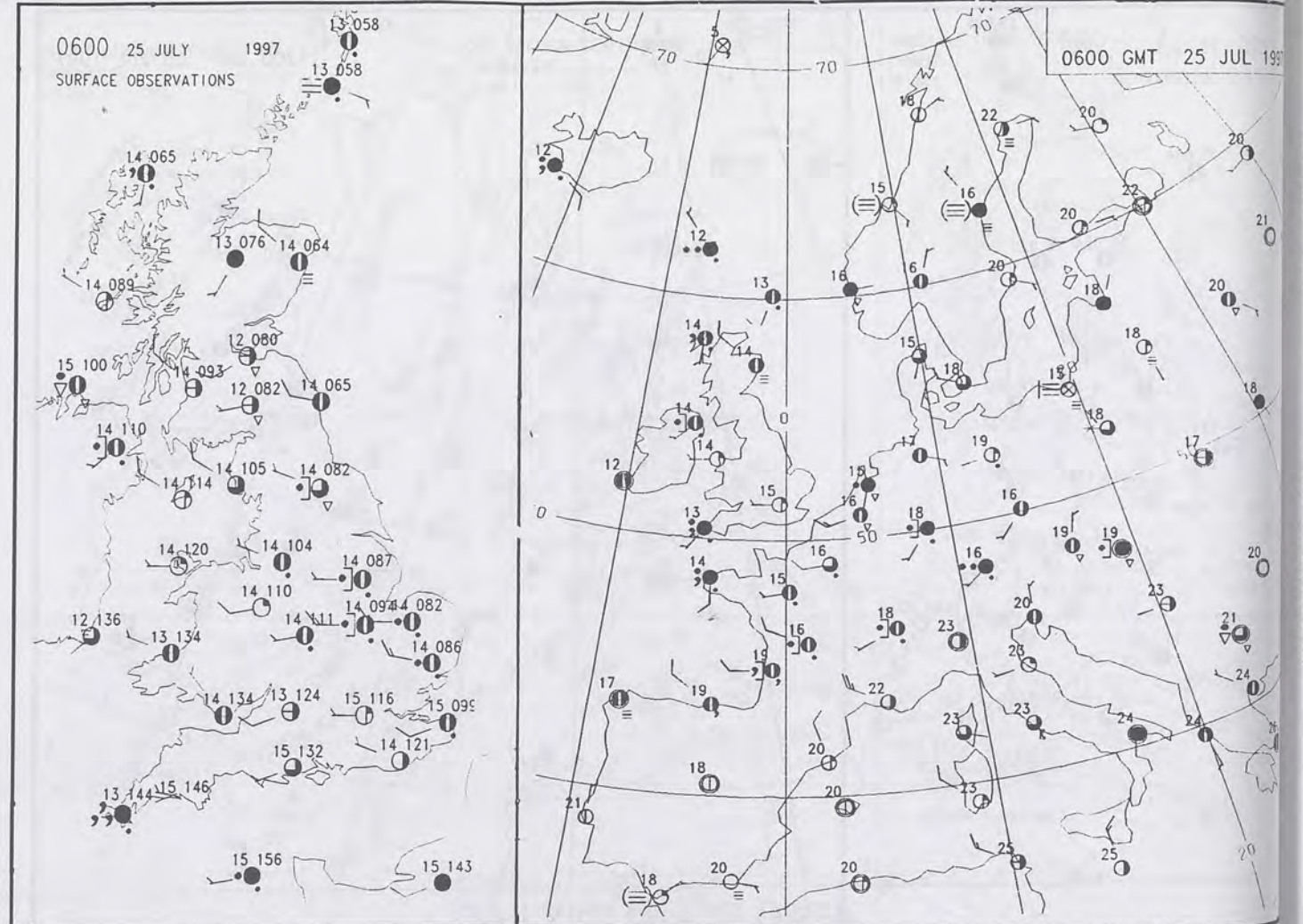
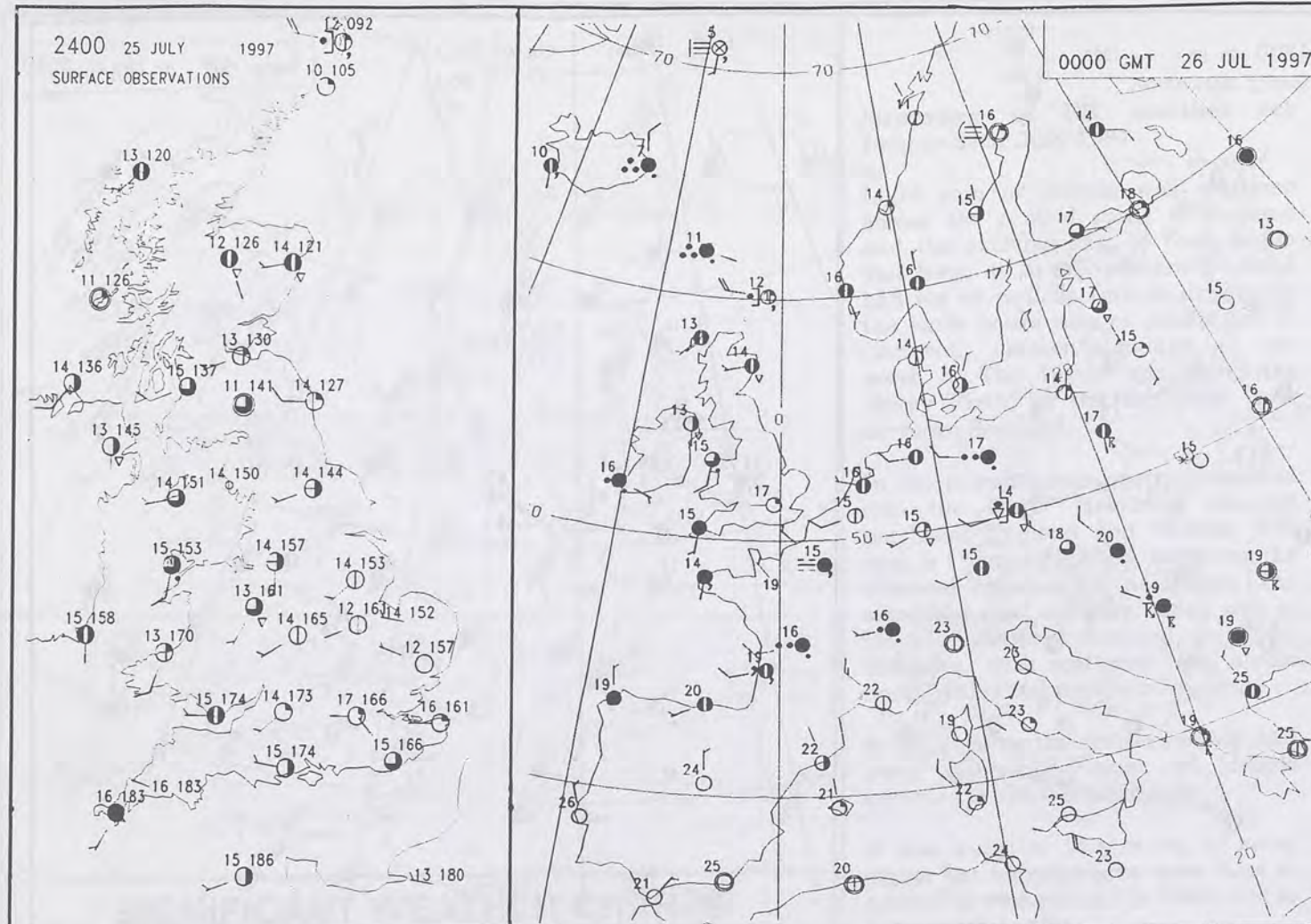


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MSLP ANALYSIS DT 1800 UTC 25 JUL 1997



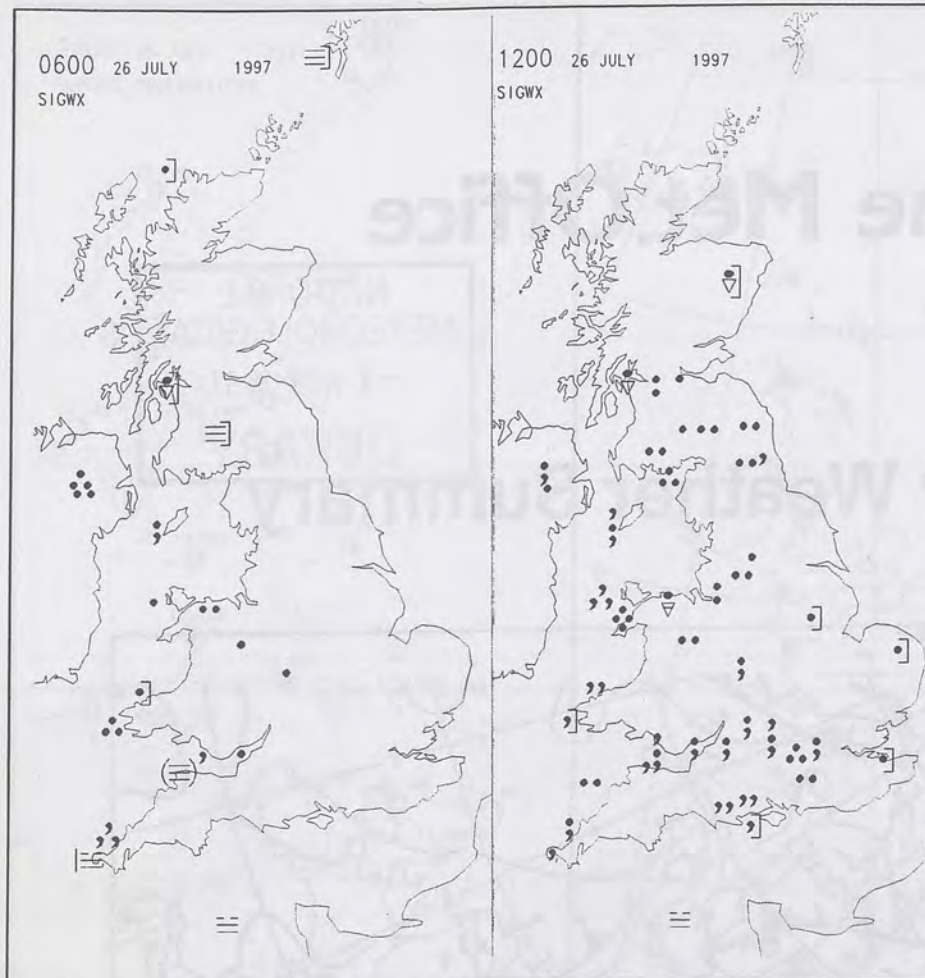




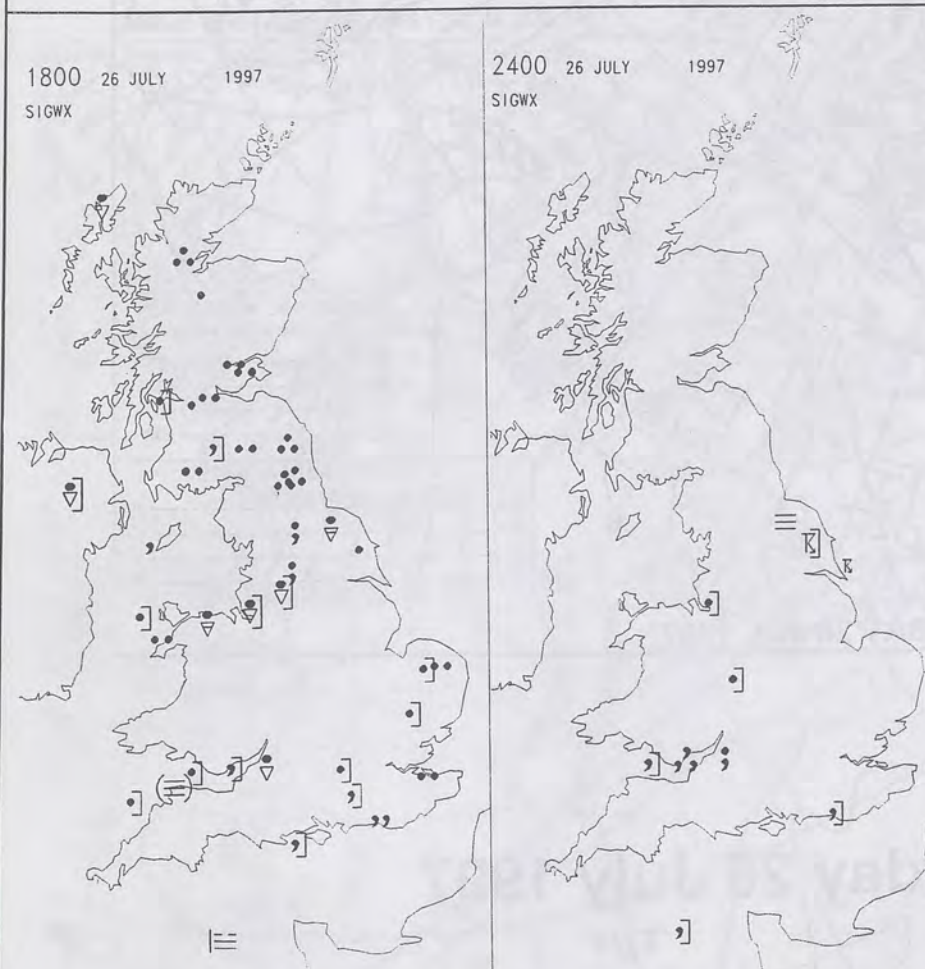


# Saturday 26 July 1997





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Saturday 26th July 1997

Central and eastern areas had a dry night with some clear spells. Outbreaks of rain and drizzle spread into Cornwall and western parts of Wales early in the night, bringing fog to coastal areas, and this rain reached the Isle of Man and Northern Ireland by dawn.

The rain pushed quickly north and east across England and southern Scotland during the morning, with some heavier bursts mixed in. Scattered showers also affected central and northern parts of Scotland.

Drier weather slowly edged eastwards across Wales, western and central England during the afternoon, although there were still a few showers. Northern and eastern England and southern Scotland remained wet. Some brighter spells did occur across central England, but fog affected the Channel coastline.

During the evening more prolonged rain moved into northeast Scotland, whereas southern Scotland became dry. Further outbreaks of rain affected many other places, especially western areas, with some heavier bursts over the Pennines and thunder in Yorkshire.

Generally temperatures were around normal for the whole of the UK, but where the sun broke through over east Wales and central England it became warm.

## EXTREMES

SATURDAY 26th JULY 1997

**Highest Maximum**  
: 24.4 C Yeovilton (Somerset)

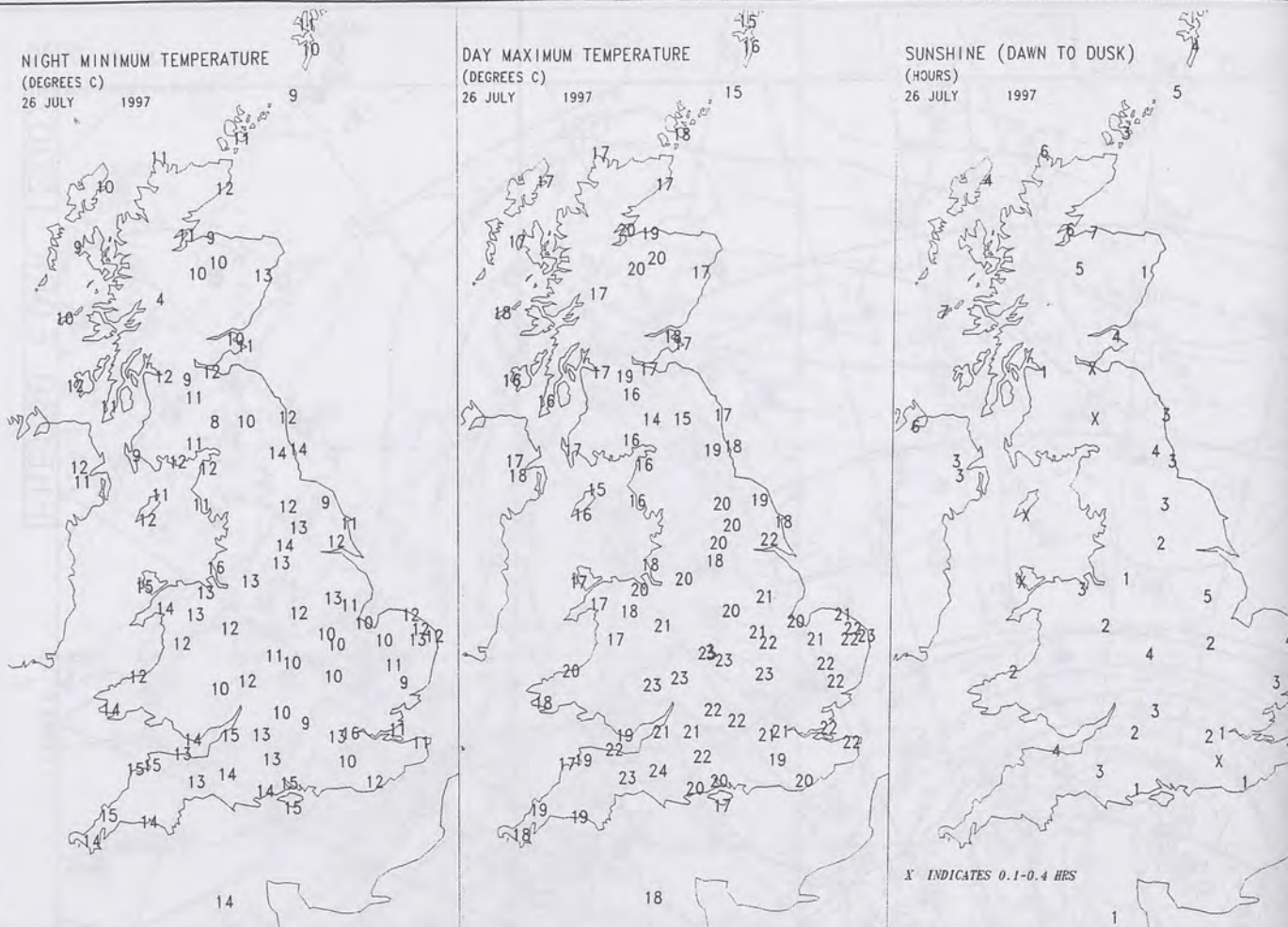
**Lowest Maximum**  
: 13.7 C Spadeadam (Cumbria)

**Lowest Minimum**  
: 4.4 C Tulloch Bridge (Highland)

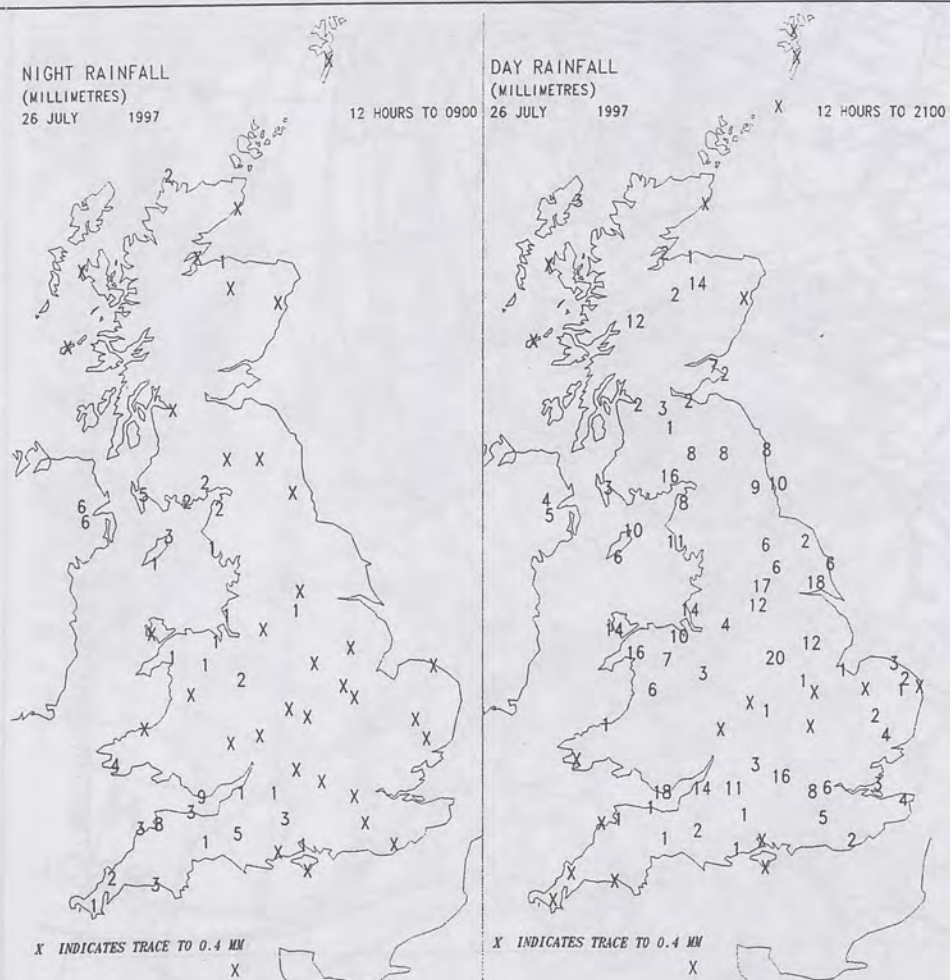
**Lowest Grass Minimum**  
: 2.2 C Tulloch Bridge (Highland)

**Most Rain (24 hrs from 0900 GMT)**  
: 20.6 mm Watnall (Nottinghamshire)

**Most Sunshine**  
: 7.3 hrs Kinloss (Moray)



## DAILY CLIMATE DATA



## DAILY WEATHER SUMMARY



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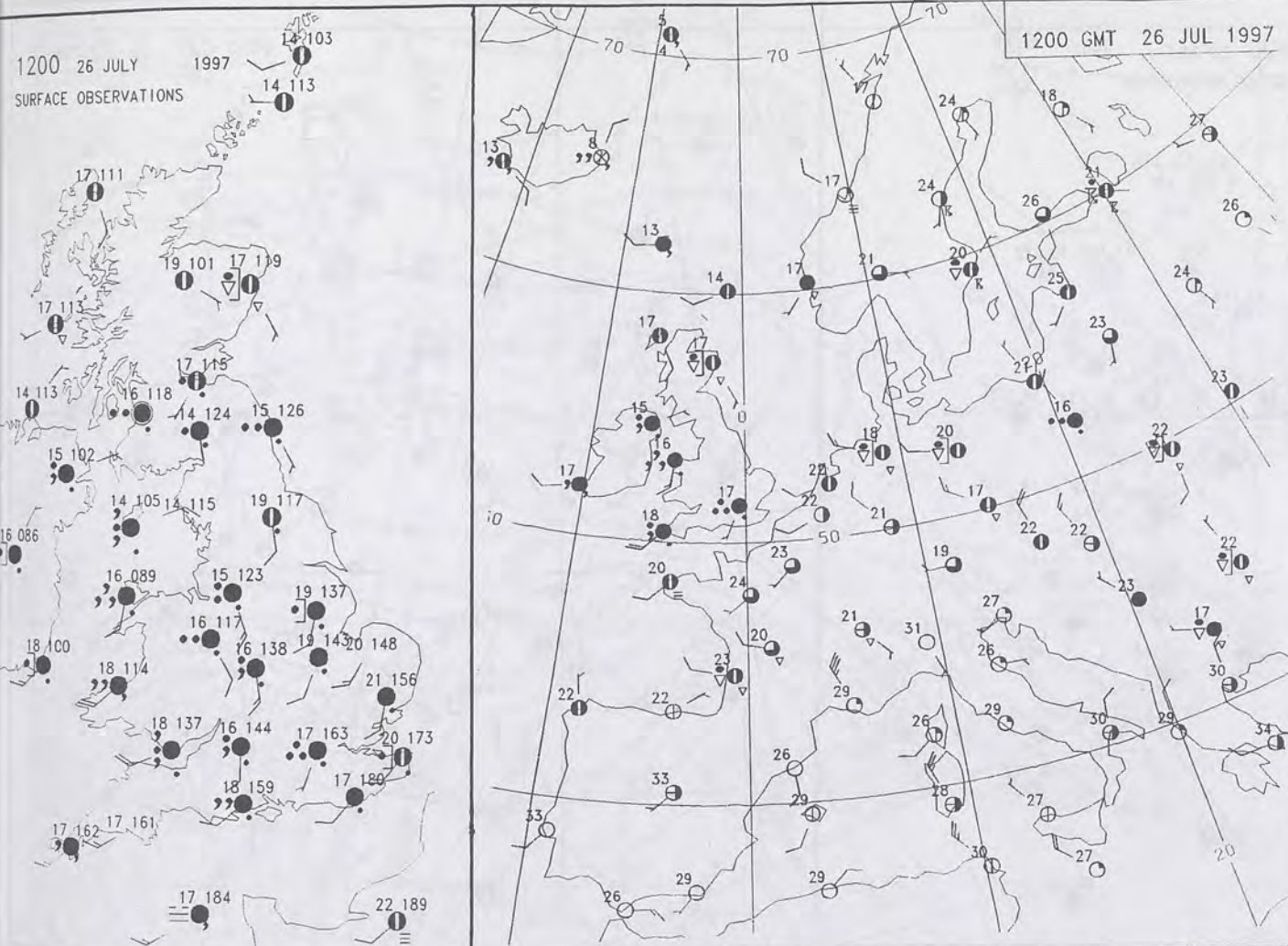
London Weather Centre  
Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



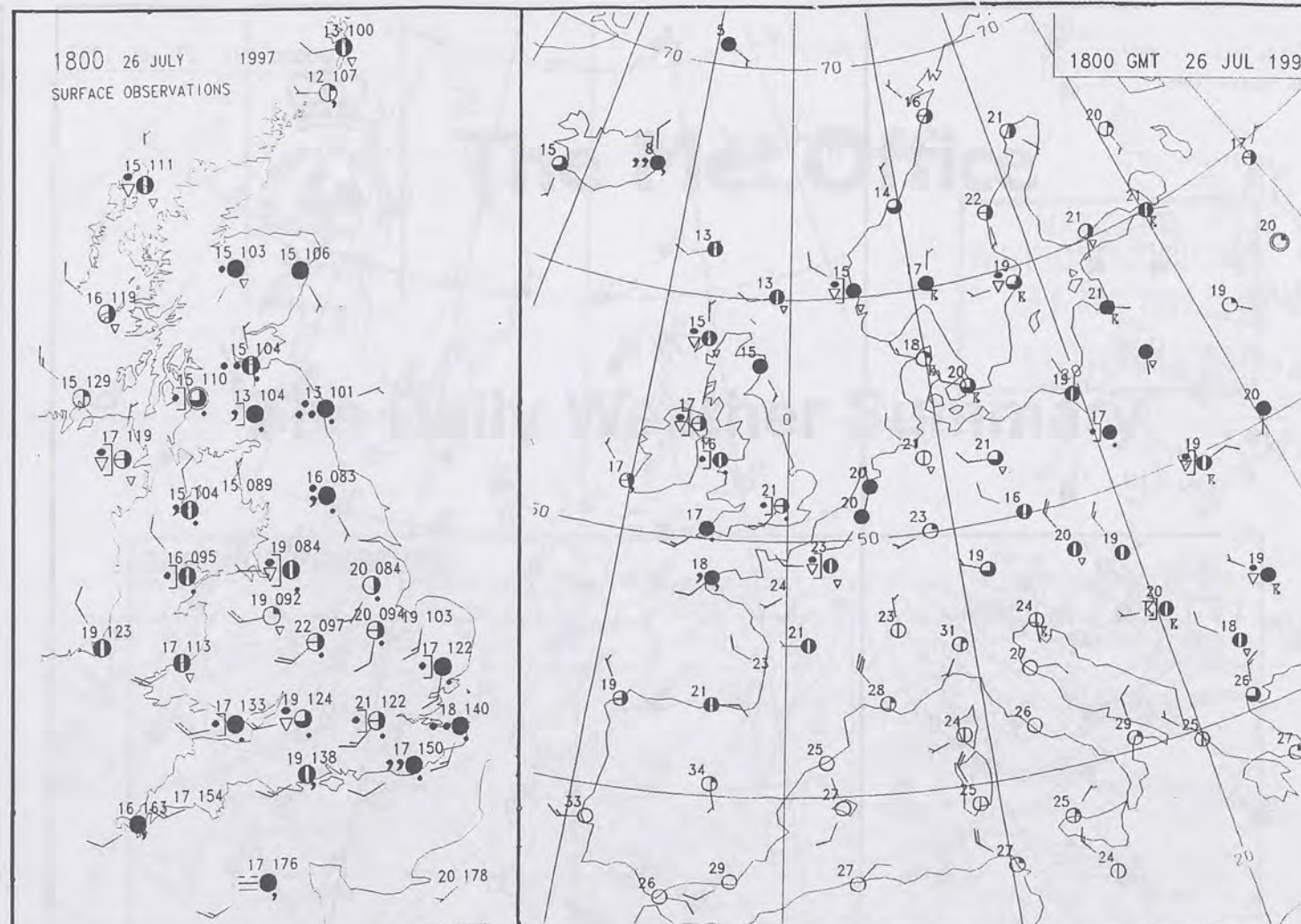
1200 26 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 26 JUL 1997



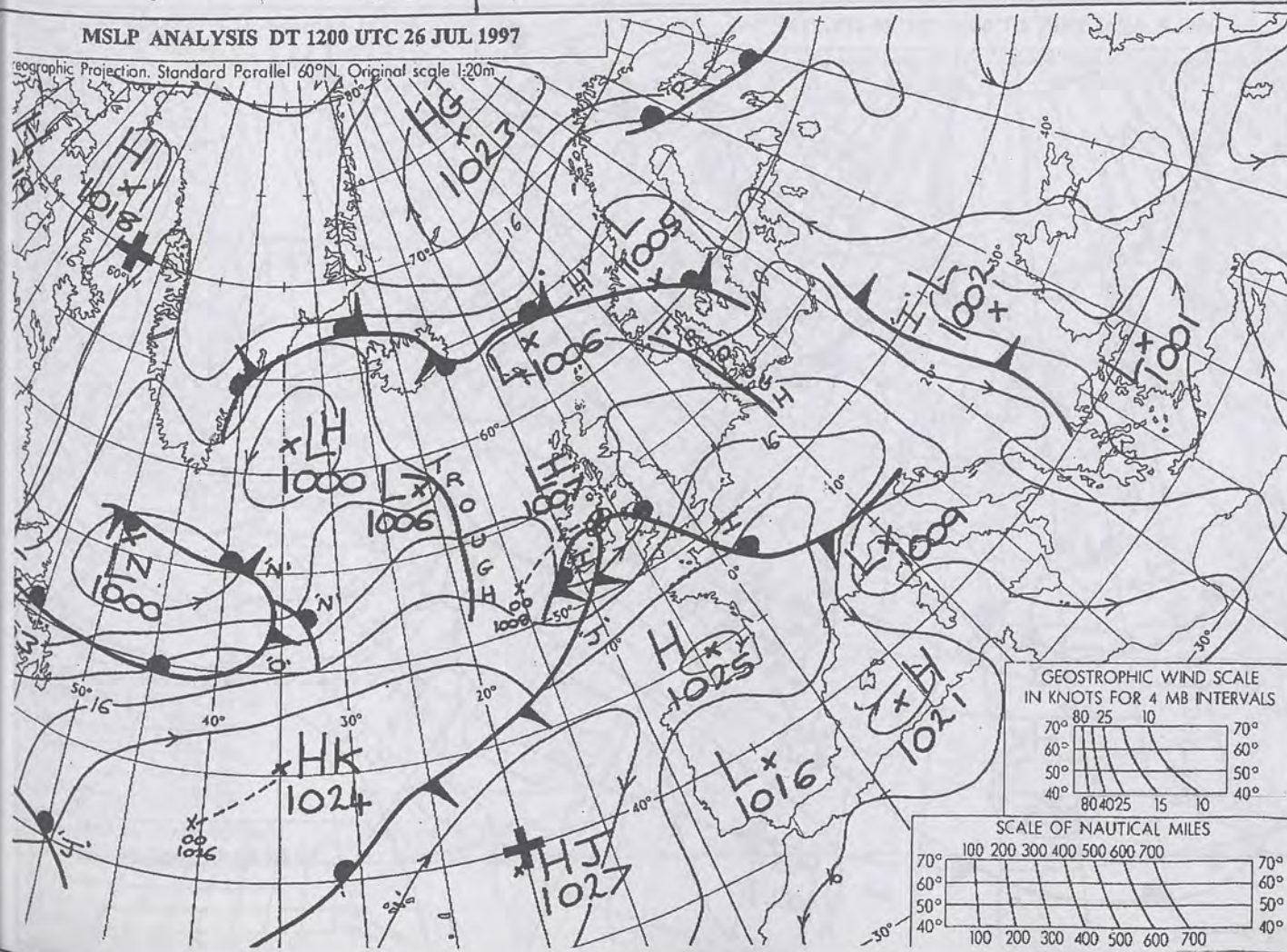
1800 26 JULY 1997  
SURFACE OBSERVATIONS

1800 GMT 26 JUL 1997



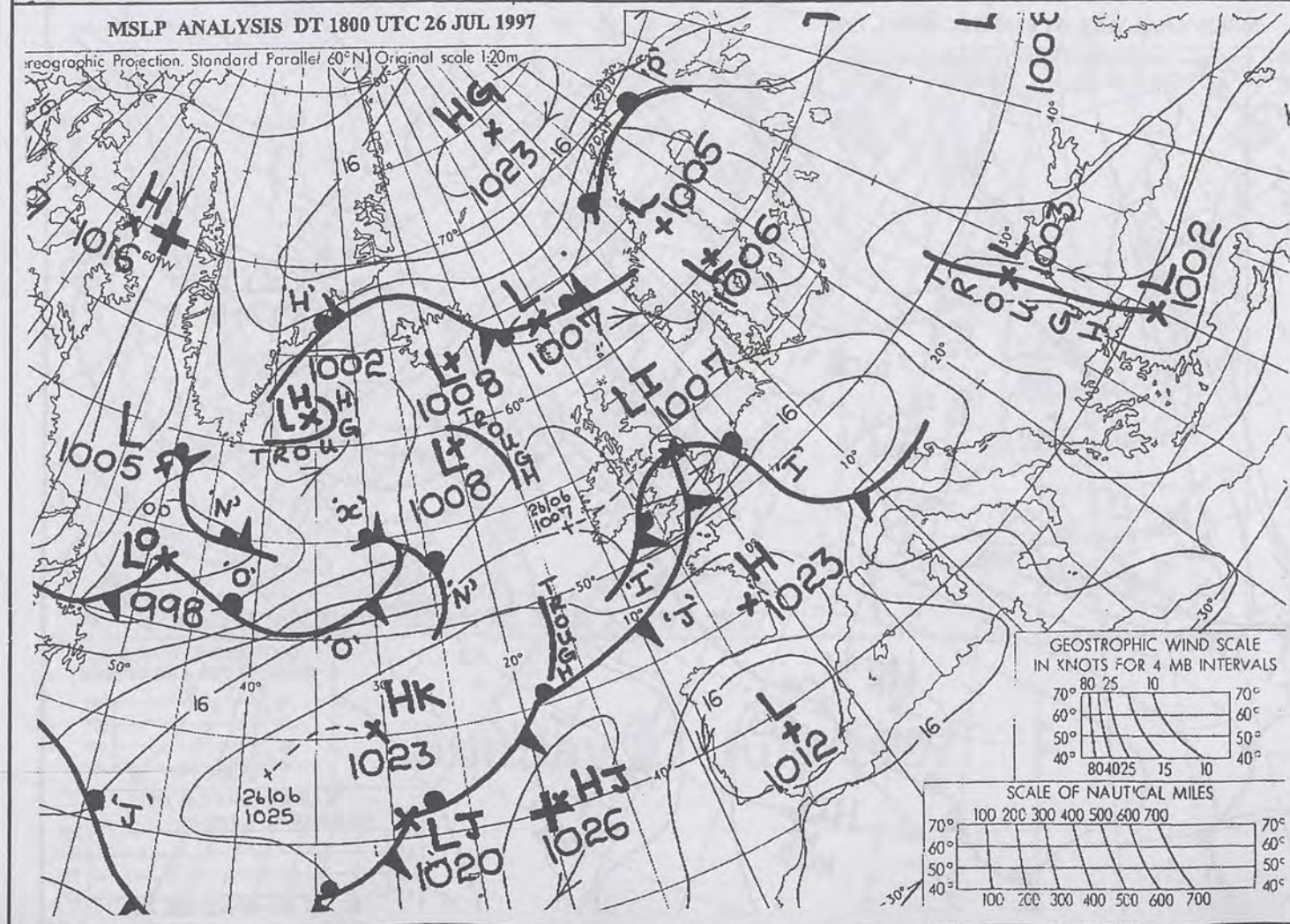
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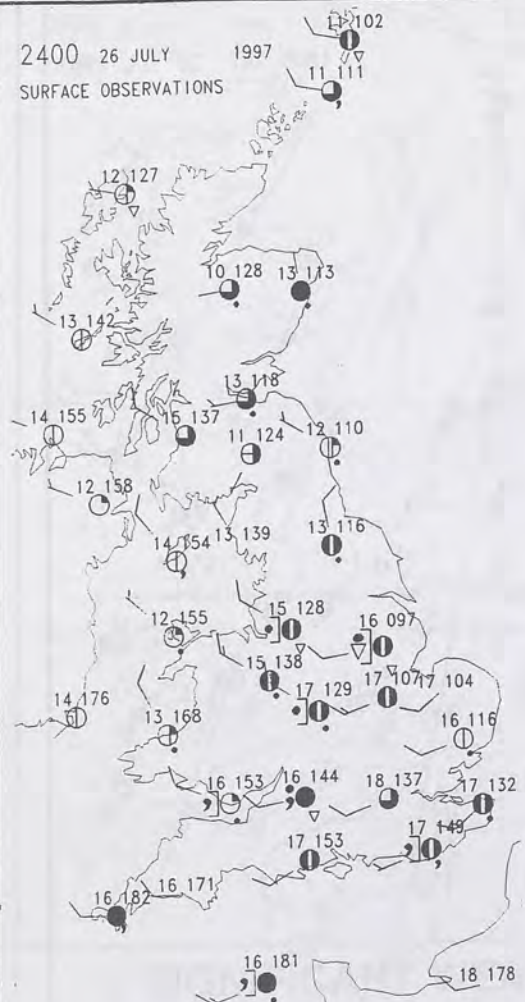
MSLP ANALYSIS DT 1800 UTC 26 JUL 1997

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





2400 26 JULY 1997  
SURFACE OBSERVATIONS



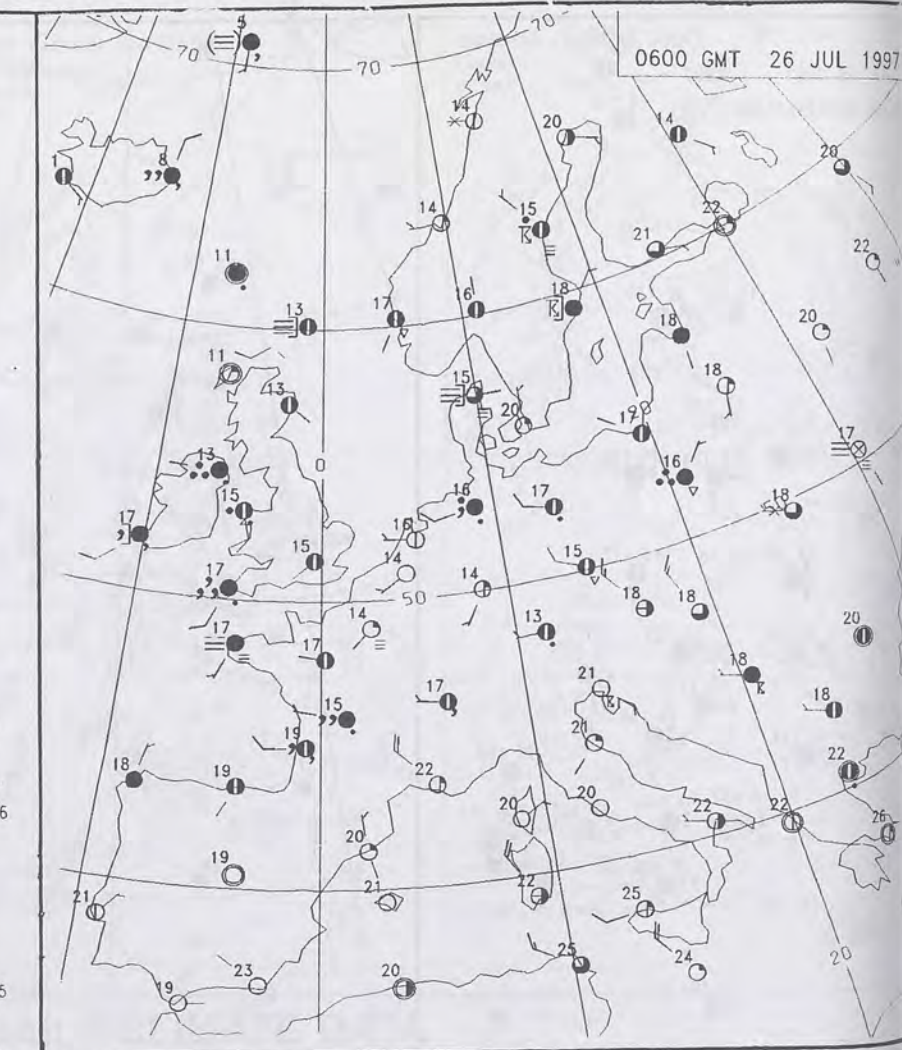
0000 GMT 27 JUL 1997



0600 26 JULY 1997  
SURFACE OBSERVATIONS

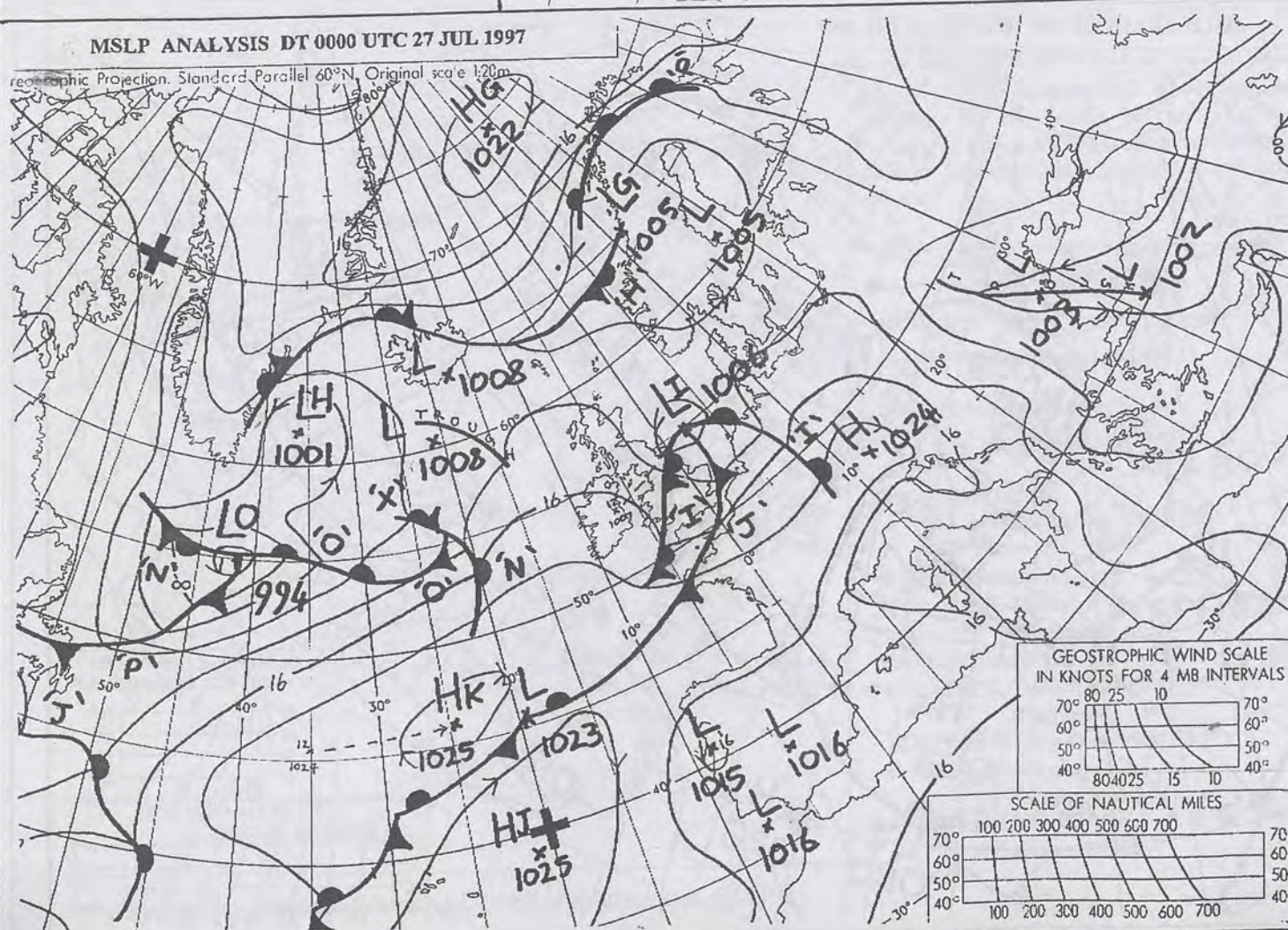


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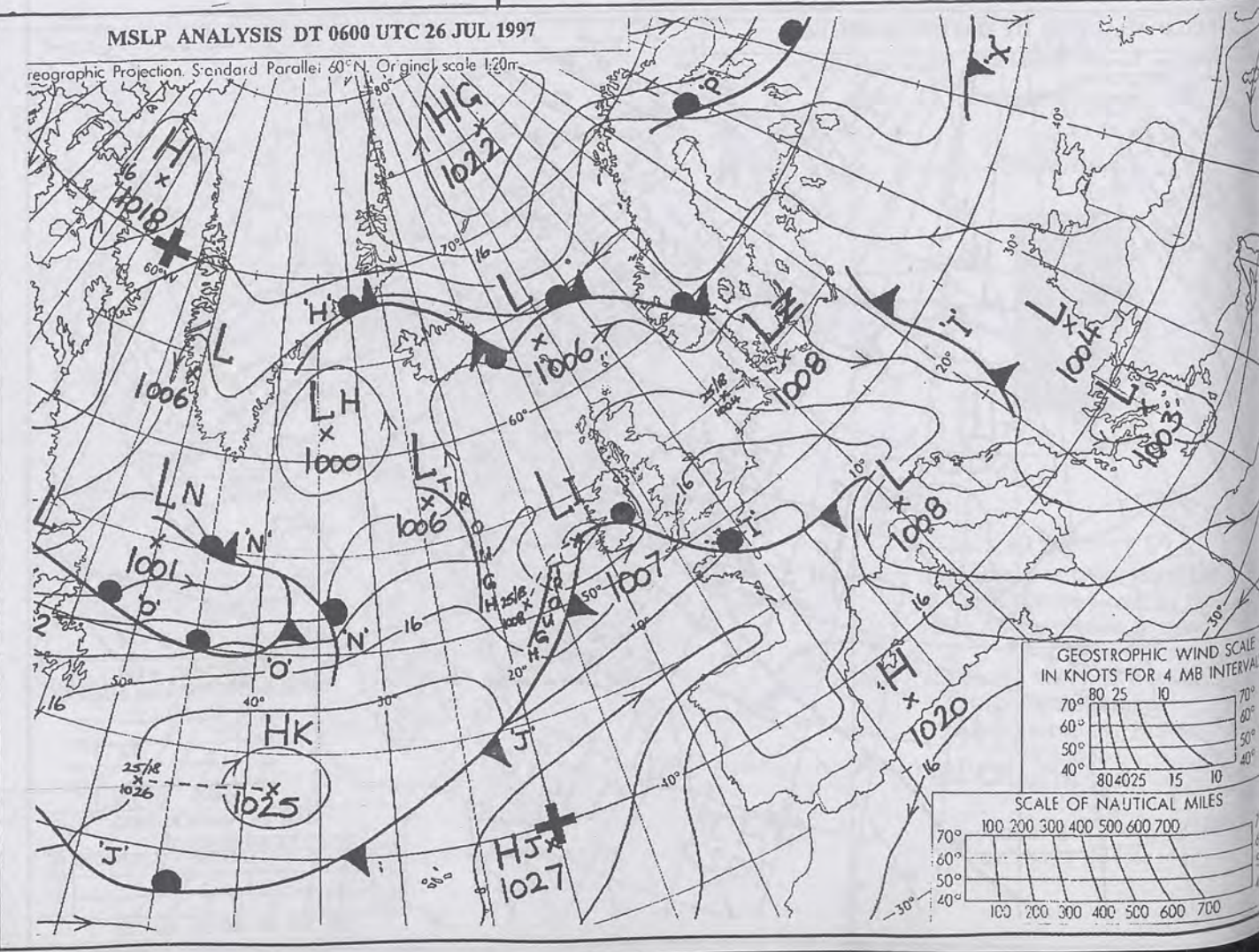
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MSLP ANALYSIS DT 0600 UTC 26 JUL 1997

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



DT 12Z SUN 27/ 7/97 VT 12Z SUN 27/ 7/97 GMAIN T+ 0 -THICKNESS DM. 500-1000MB 500-1000MB



L 1997

500-1000MB  
500MB

THICKNESS DM.  
HEIGHT DM.

T+ 0  
GRAIN

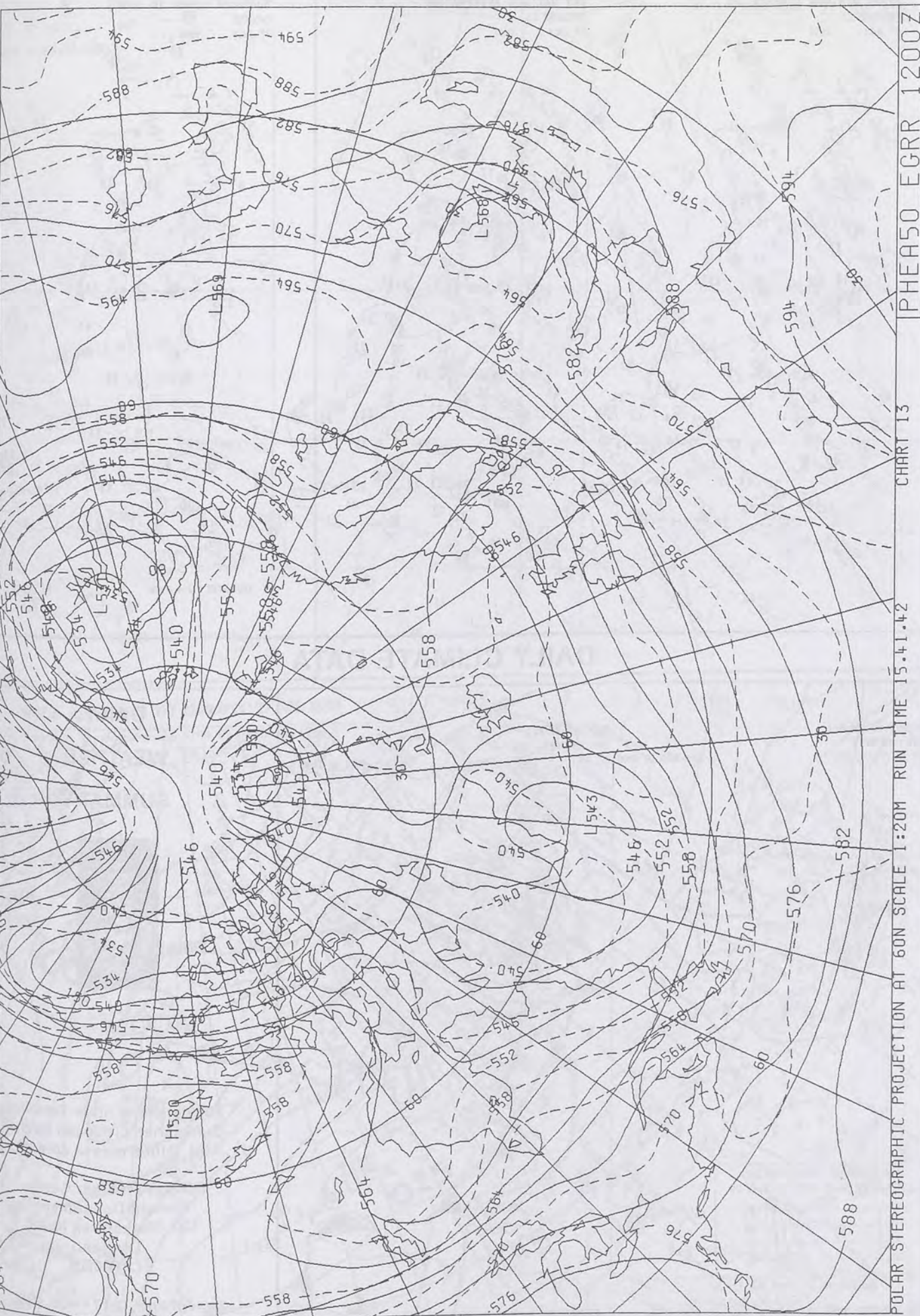
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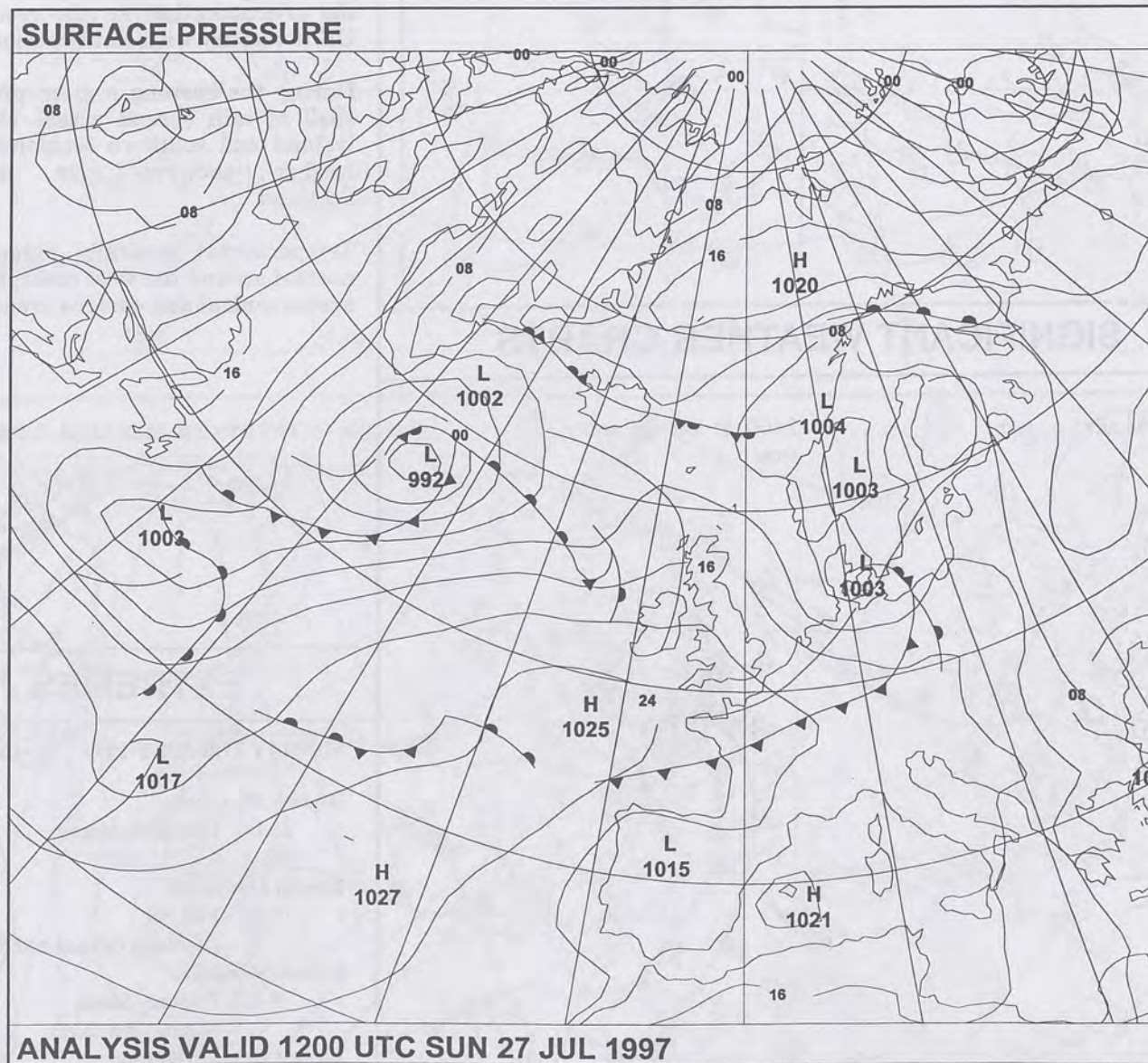
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## The Daily Weather Summary



Sunday 27 July 1997



0600 27 JULY 1997  
SIGWX



1200 27 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 27 JULY 1997  
SIGWX



2400 27 JULY 1997  
SIGWX



## Summary of UK weather for Sunday 27th July 1997

Outbreaks of rain and drizzle across central and southern England slowly died out overnight, with clear spells spreading from the west. Thunder was reported from Bridlington around midnight, but generally the rest of the UK remained dry. Patchy sea fog affected parts of the western coastline.

Scattered showers developed over northern Scotland and Northern Ireland during the morning, and became more widespread through the afternoon. A few showers also broke out across northeast England during the afternoon, but for the rest of the UK it was dry with sunny periods.

During the evening a more prolonged spell of rain spread across Northern Ireland and southern Scotland, with further showers over northern Scotland.

Temperatures generally ranged from normal around the west coast, to warm across central and eastern areas.

## EXTREMES

### SUNDAY 27th JULY 1997

**Highest Maximum**  
: 25.1 C Heathrow Airport

**Lowest Maximum**  
: 13.9 C Fair Isle  
(Between Orkney and Shetland)

**Lowest Minimum**  
: 8.1 C Pembrey Sands  
(Carmarthenshire)

**Lowest Grass Minimum**  
: 3.8 C Stornoway  
(Outer Hebrides)

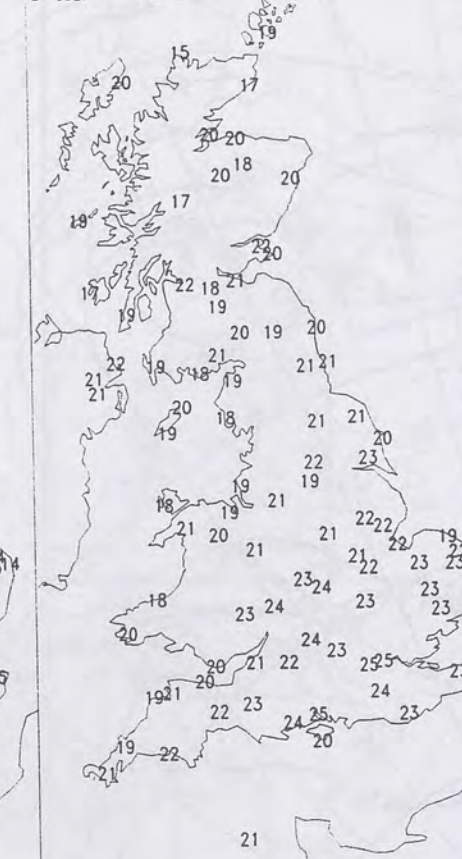
**Most Rain (24 hrs from 0900 GMT)**  
: 11.4 mm Ballypatrick Forest  
(County Antrim)

**Most Sunshine**  
: 14.9 hrs Wittering  
(Cambridgeshire)

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
27 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
27 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
27 JULY 1997



X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
27 JULY 1997



X INDICATES TRACE TO 0.4 MM

DAY RAINFALL  
(MILLIMETRES)  
27 JULY 1997



X INDICATES TRACE TO 0.4 MM

## DAILY WEATHER SUMMARY



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1200 27 JULY 1997  
SURFACE OBSERVATIONS



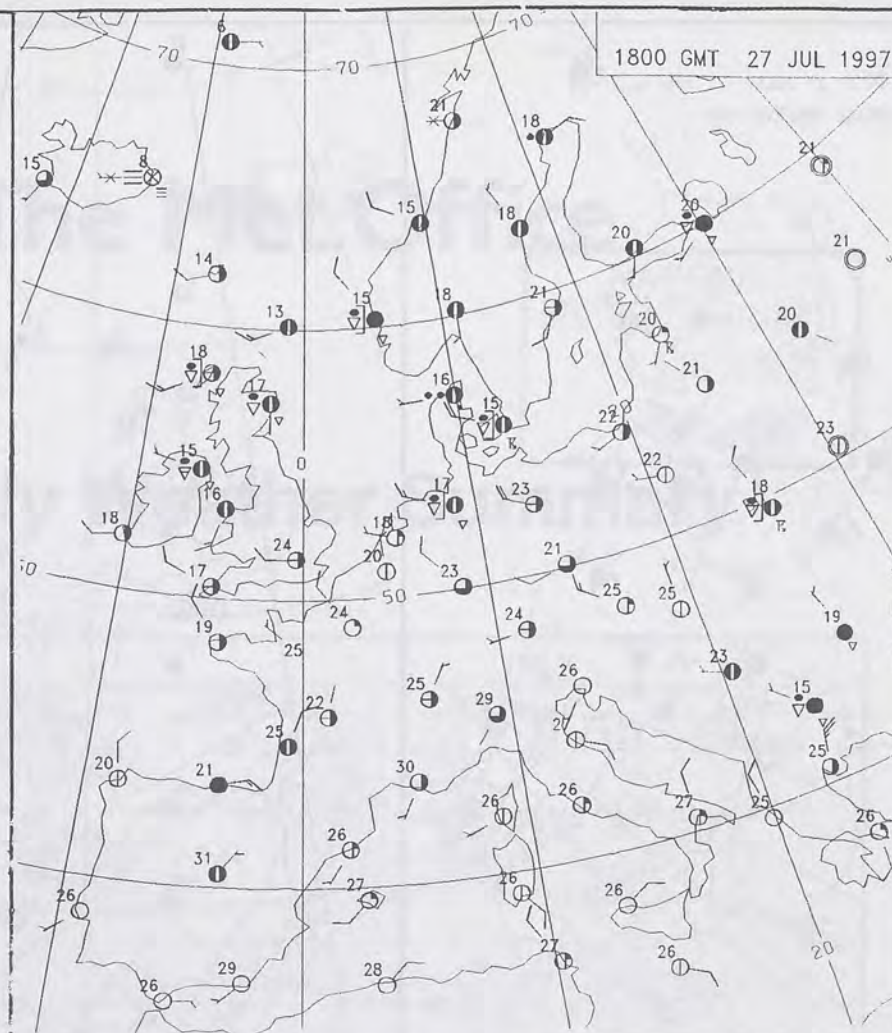
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SURFACE OBSERVATIONS

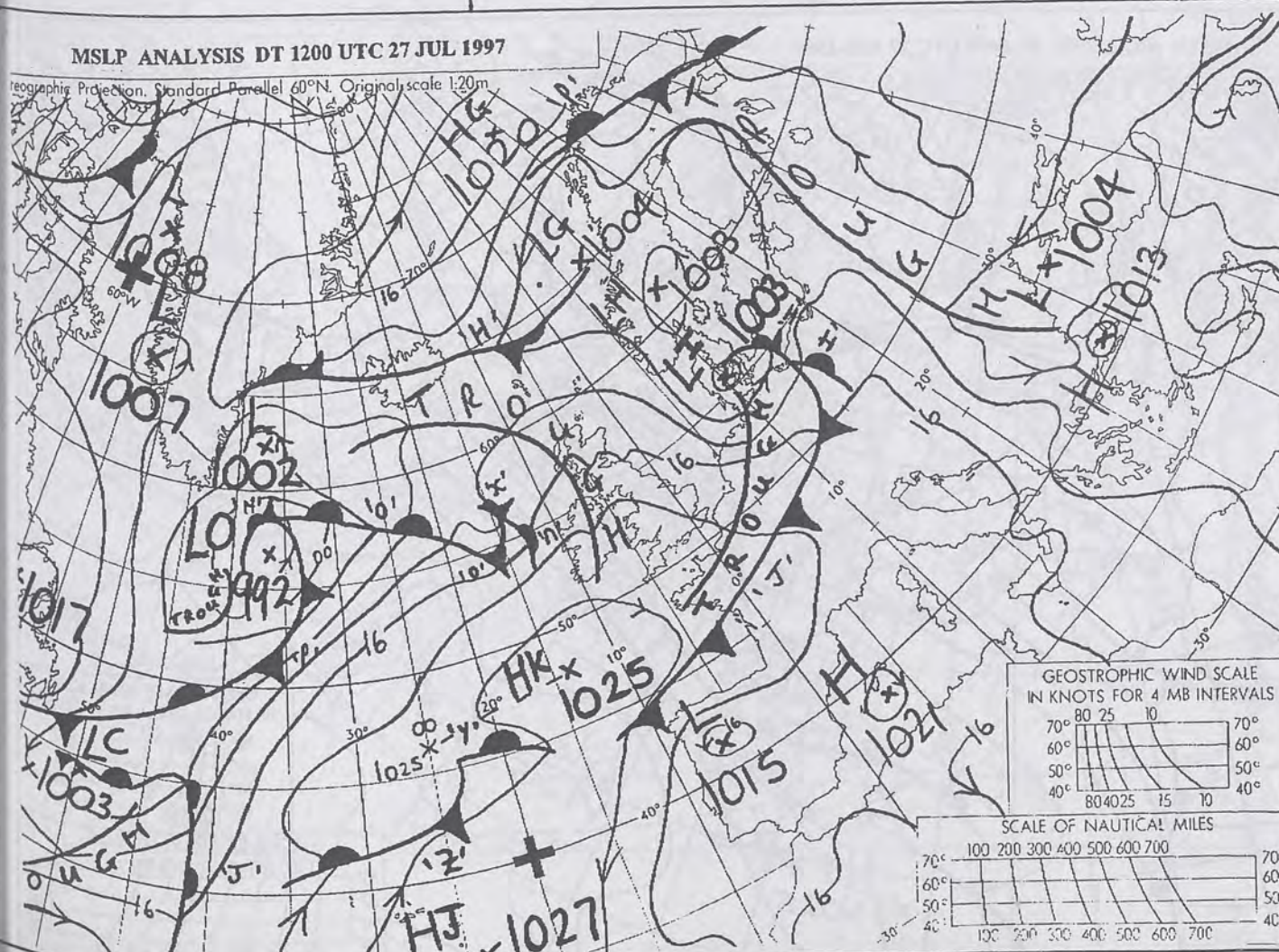


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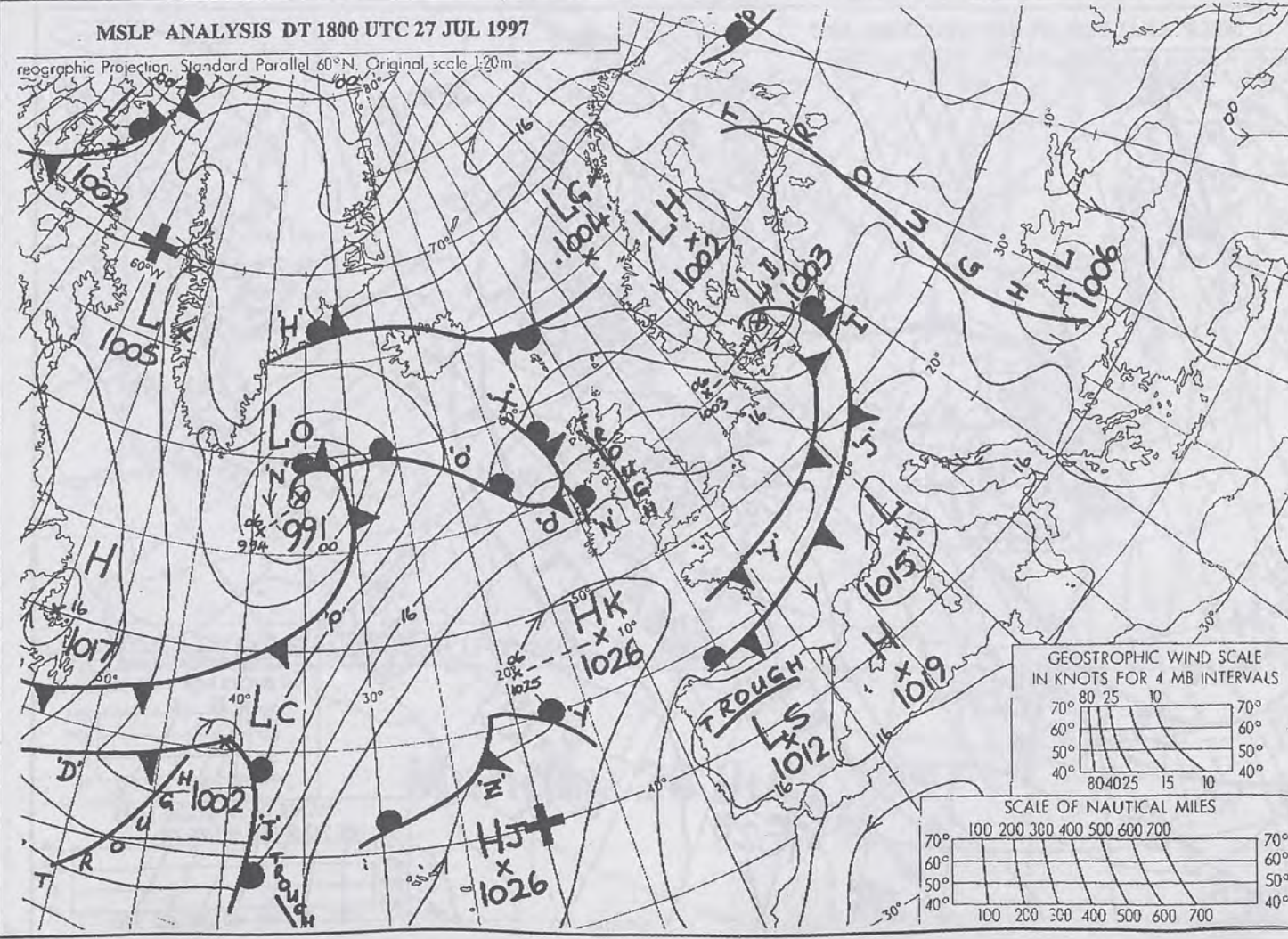
MSLP ANALYSIS DT 1200 UTC 27 JUL 1997

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

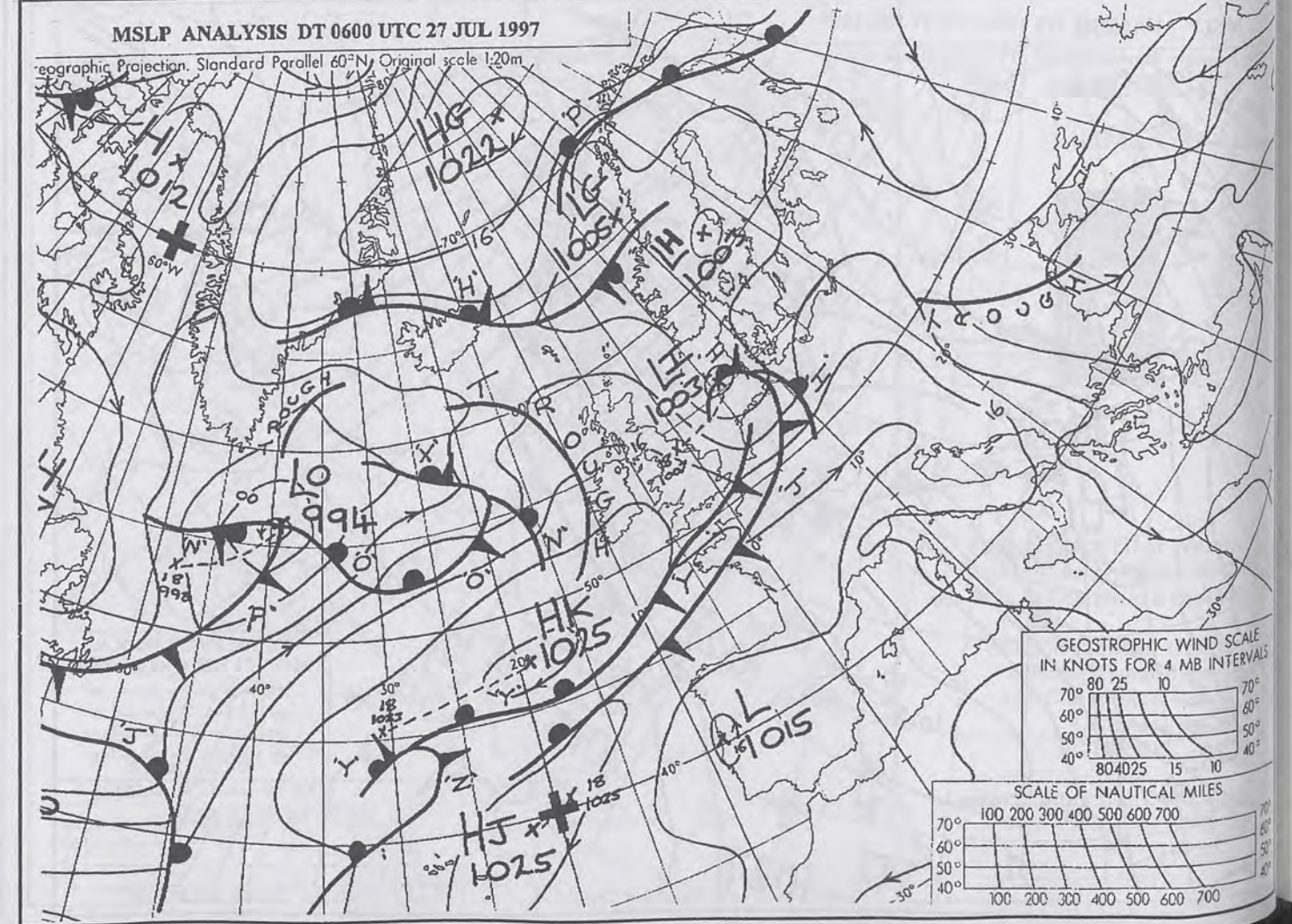
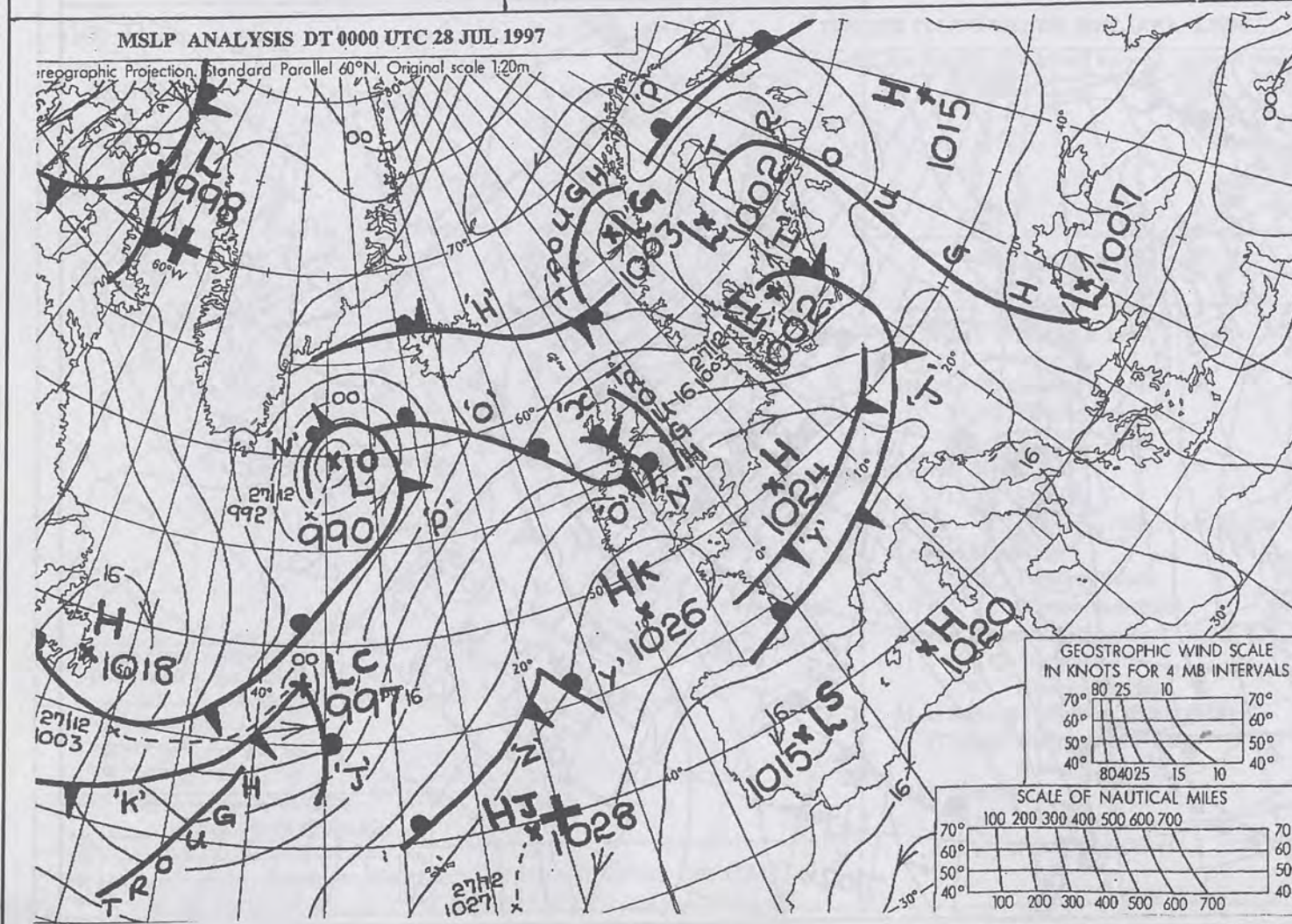
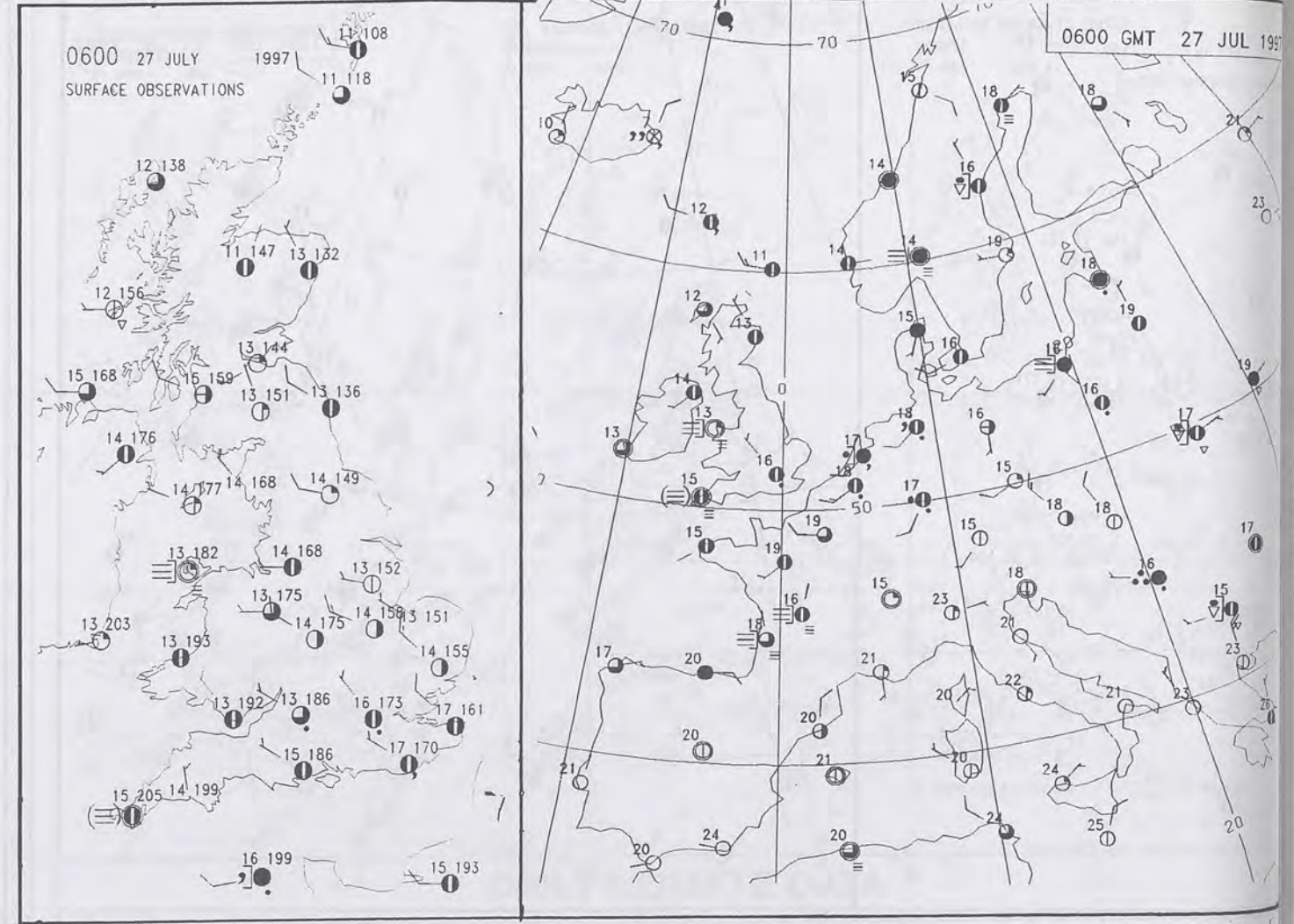
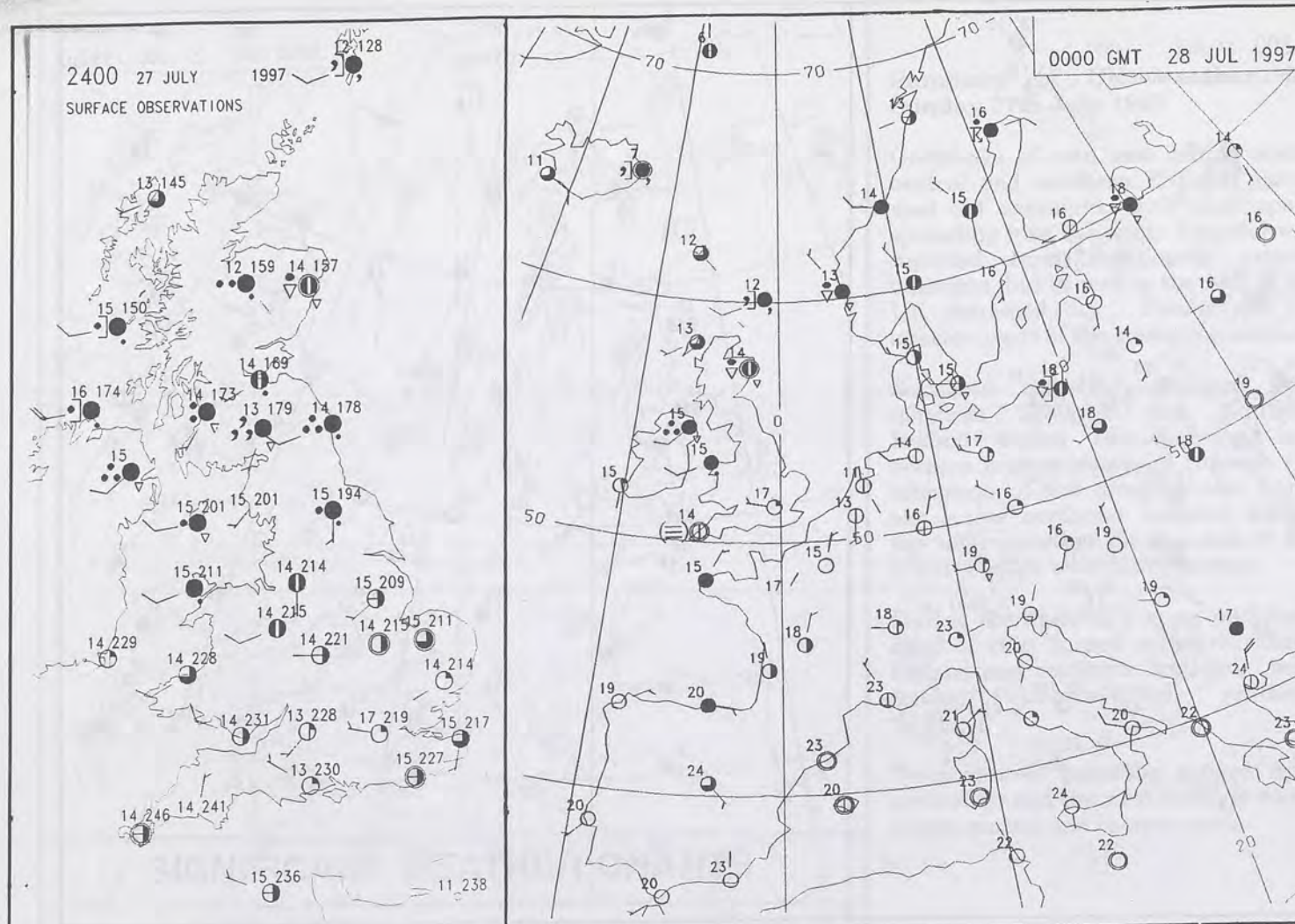


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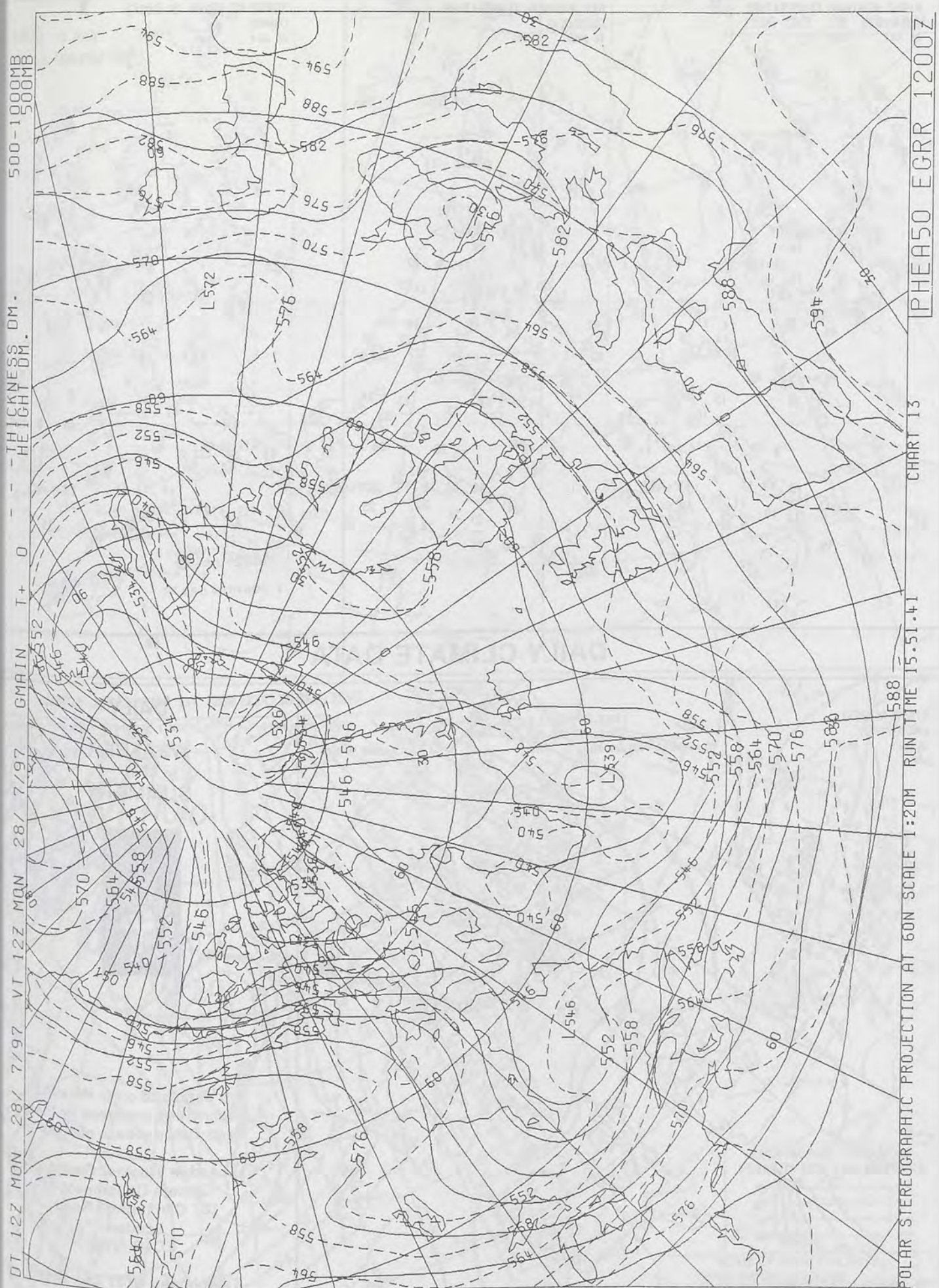






JUL 1997

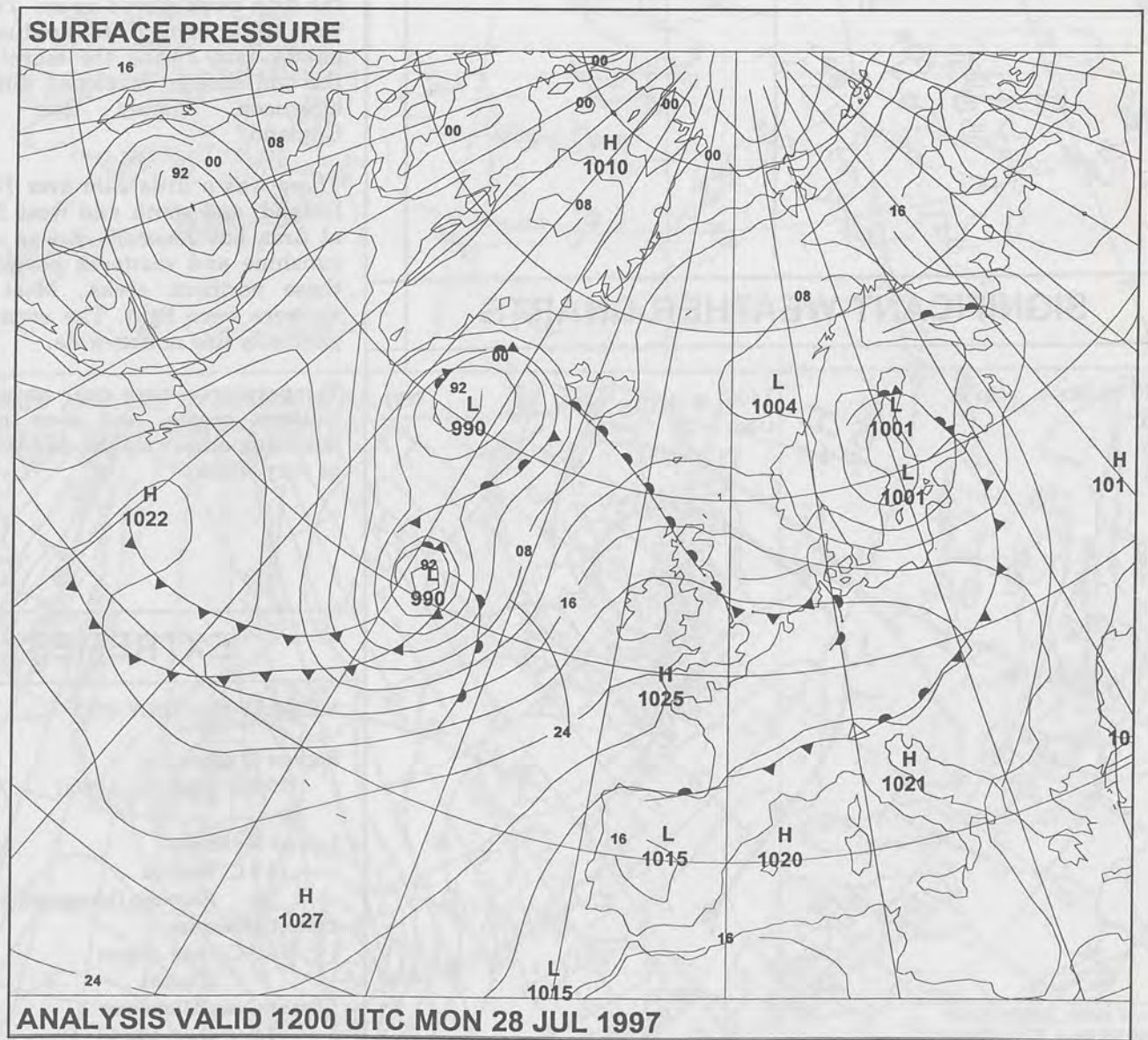
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METEOROLOGICAL  
- 4 AUG 1997  
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## The Daily Weather Summary



Monday 28 July 1997



0600 28 JULY 1997  
SIGWX



1200 28 JULY 1997  
SIGWX



## SIGNIFICANT WEATHER CHARTS

1800 28 JULY 1997  
SIGWX



2400 28 JULY 1997  
SIGWX



## Summary of UK weather for Monday 28th July 1997

Northern Ireland, northern England and southern Scotland had a mostly cloudy night with outbreaks of rain. However, there were a few clear intervals, mainly towards morning. Central and northern Scotland had clear spells and scattered showers. Wales, along with central and southern England had clear periods, but high cloud tended to increase later in the night.

During the day, England and Wales were mostly dry and bright with extensive high cloud. However, there were sunny spells, particularly in the west and south, and later elsewhere as the high cloud moved away. The cloud was thick enough to produce some patchy rain during the morning, and the odd shower developed during the afternoon, mainly over eastern England.

There was a little rain over Northern Ireland, and south and west Scotland at first, but generally it was a day of sunshine and scattered showers over these northern areas. Most of the showers were light. The evening was generally fine nation-wide.

Temperatures were near normal near western coasts, and over much of Scotland, otherwise the day was warm or very warm.

## EXTREMES

### MONDAY 28th JULY 1997

**Highest Maximum**  
: 25.8 C Heathrow Airport

**Lowest Maximum**  
: 14.9 C Fair Isle  
(Between Orkney and Shetland)

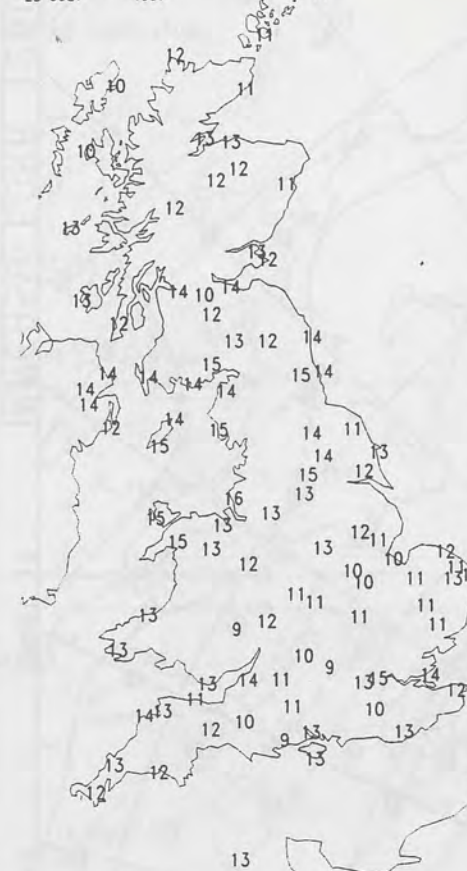
**Lowest Minimum**  
: 8.5 C Hurn Airport  
(Dorset)

**Lowest Grass Minimum**  
: 3.0 C Hurn Airport  
(Dorset)

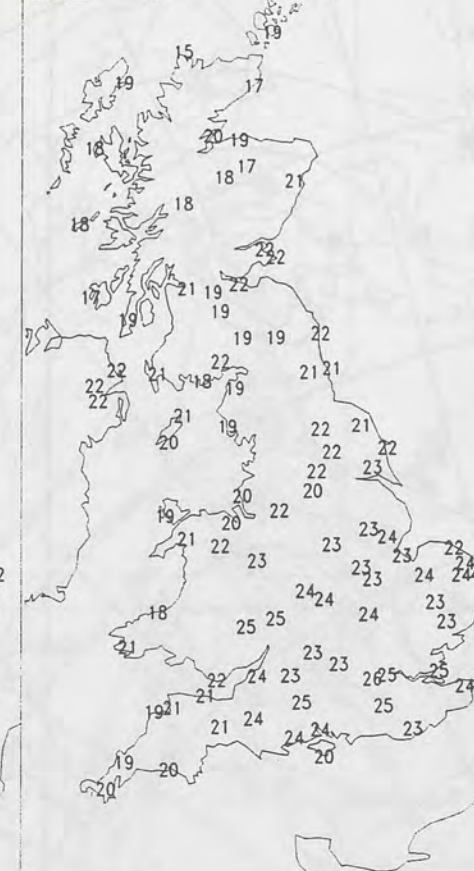
**Most Rain (24 hrs from 0900 GMT)**  
: 17.9 mm Glenlivet  
(Moray)

**Most Sunshine**  
: 13.9 hrs Isle of Wight

NIGHT MINIMUM TEMPERATURE  
(DEGREES C)  
28 JULY 1997



DAY MAXIMUM TEMPERATURE  
(DEGREES C)  
28 JULY 1997



SUNSHINE (DAWN TO DUSK)  
(HOURS)  
28 JULY 1997



X INDICATES 0.1-0.4 HRS

## DAILY CLIMATE DATA

NIGHT RAINFALL  
(MILLIMETRES)  
28 JULY 1997



X INDICATES TRACE TO 0.4 MM

DAY RAINFALL  
(MILLIMETRES)  
28 JULY 1997



X INDICATES TRACE TO 0.4 MM

## DAILY WEATHER SUMMARY



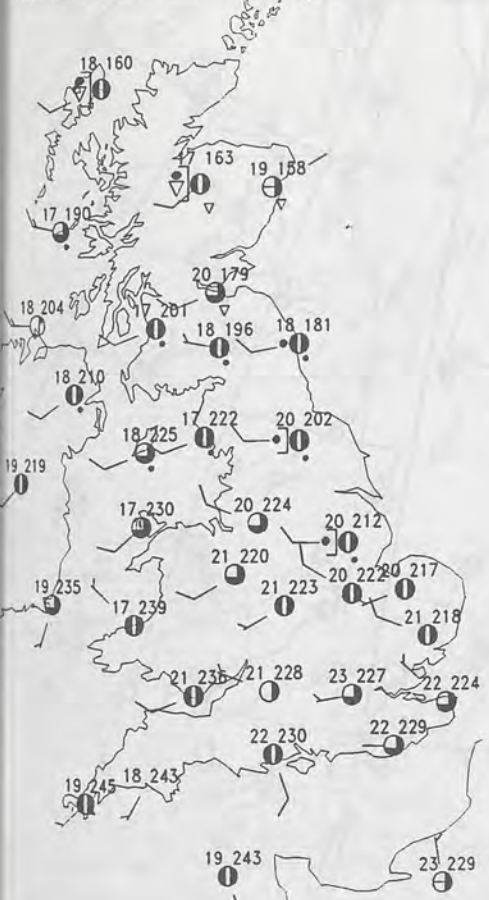
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Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

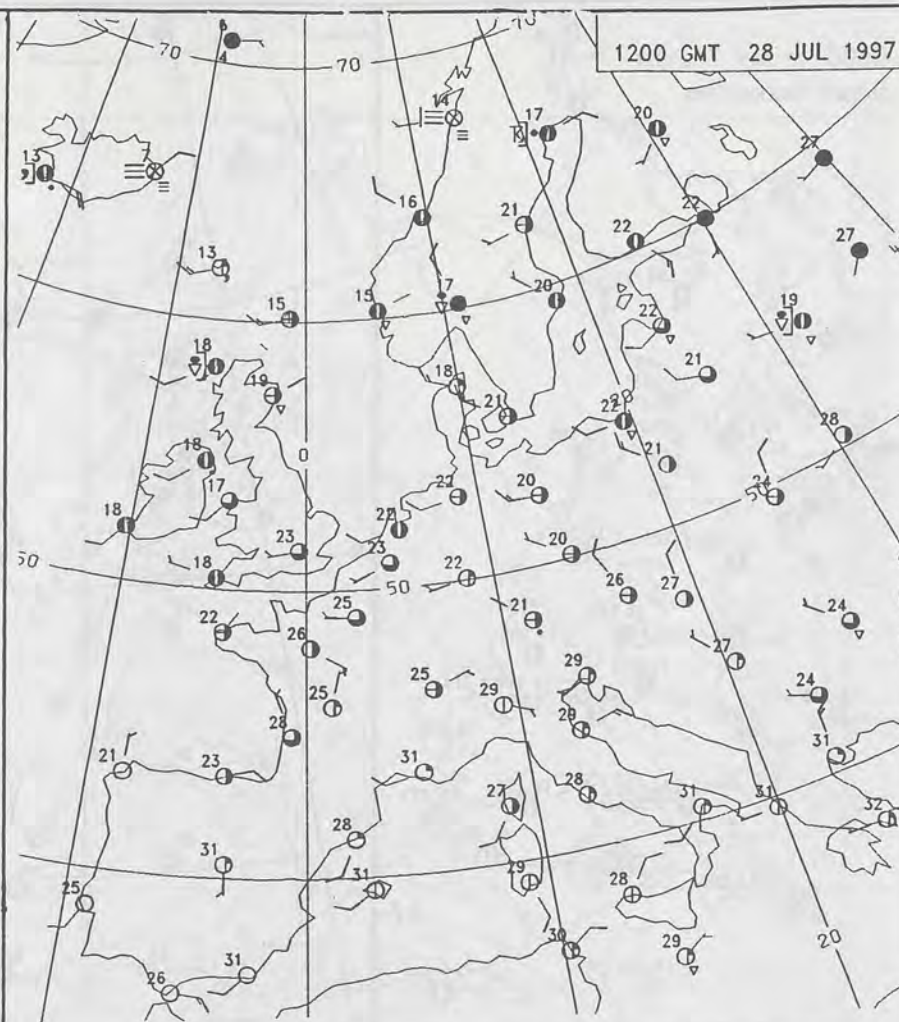
Telephone: 0171 405 4358  
Fax: 0171 404 4314



1200 28 JULY 1997  
SURFACE OBSERVATIONS



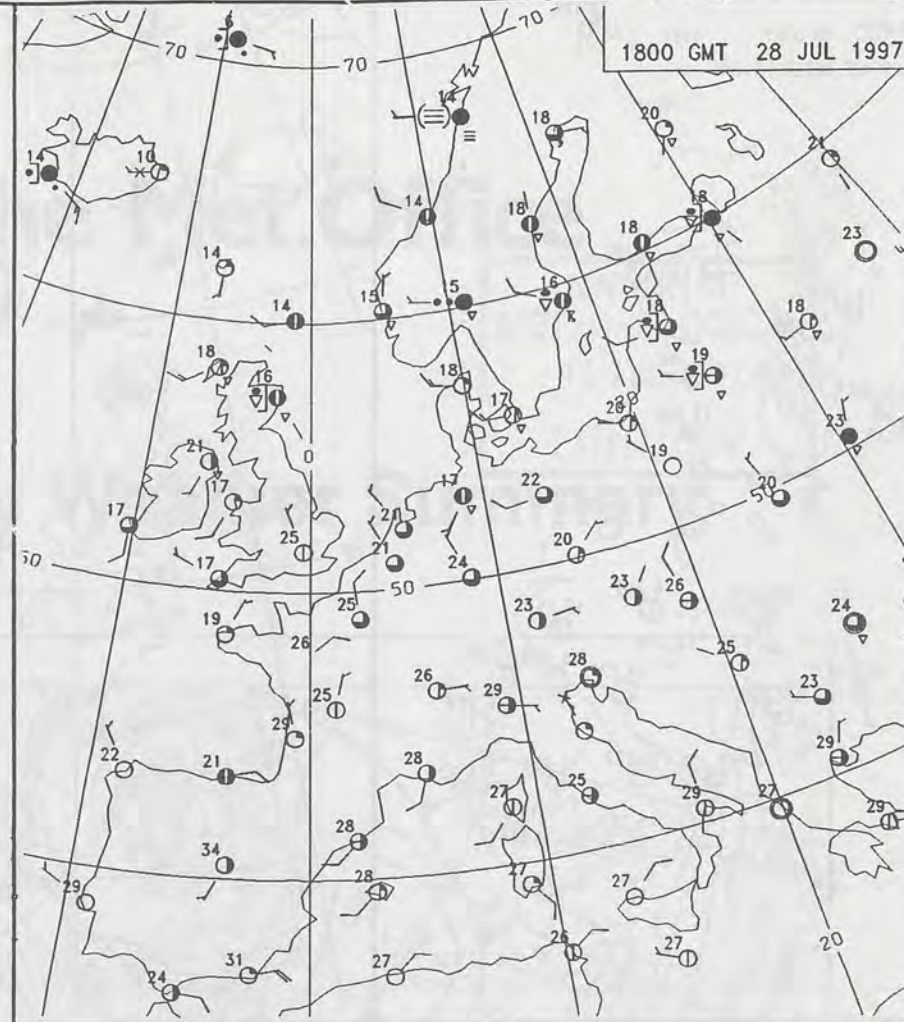
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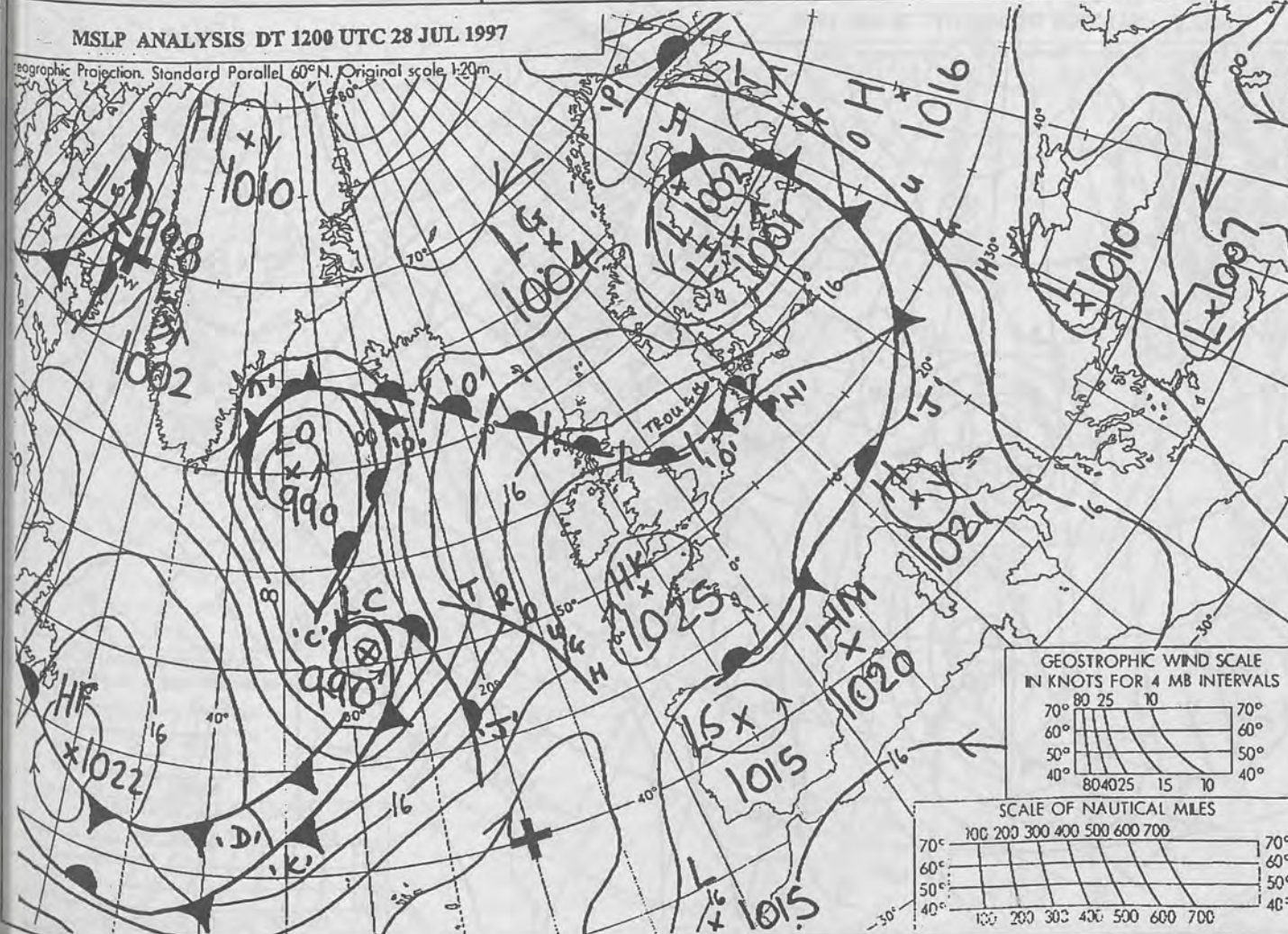
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SURFACE OBSERVATIONS



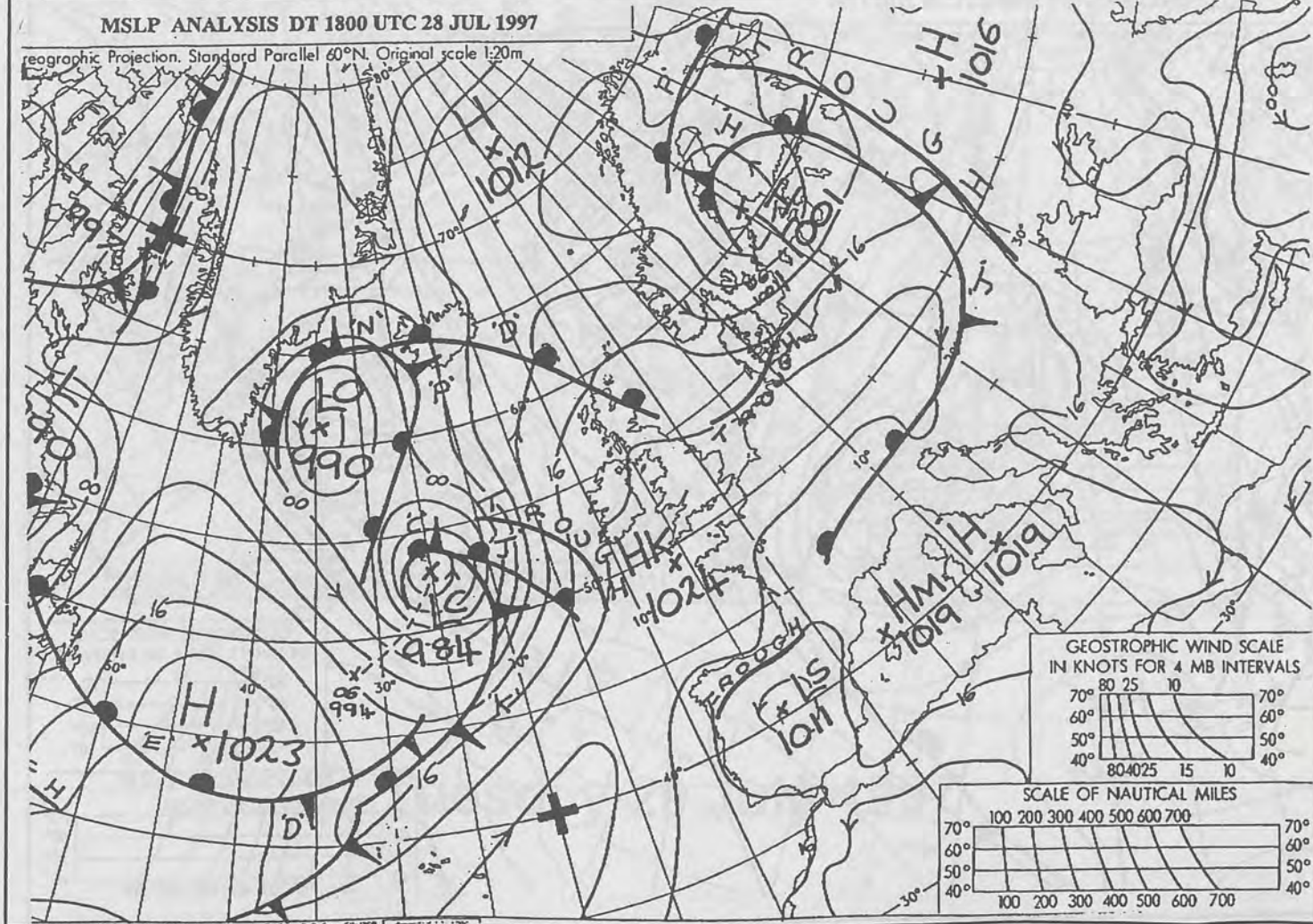
1800 GMT 28 JUL 1997



MSLP ANALYSIS DT 1200 UTC 28 JUL 1997

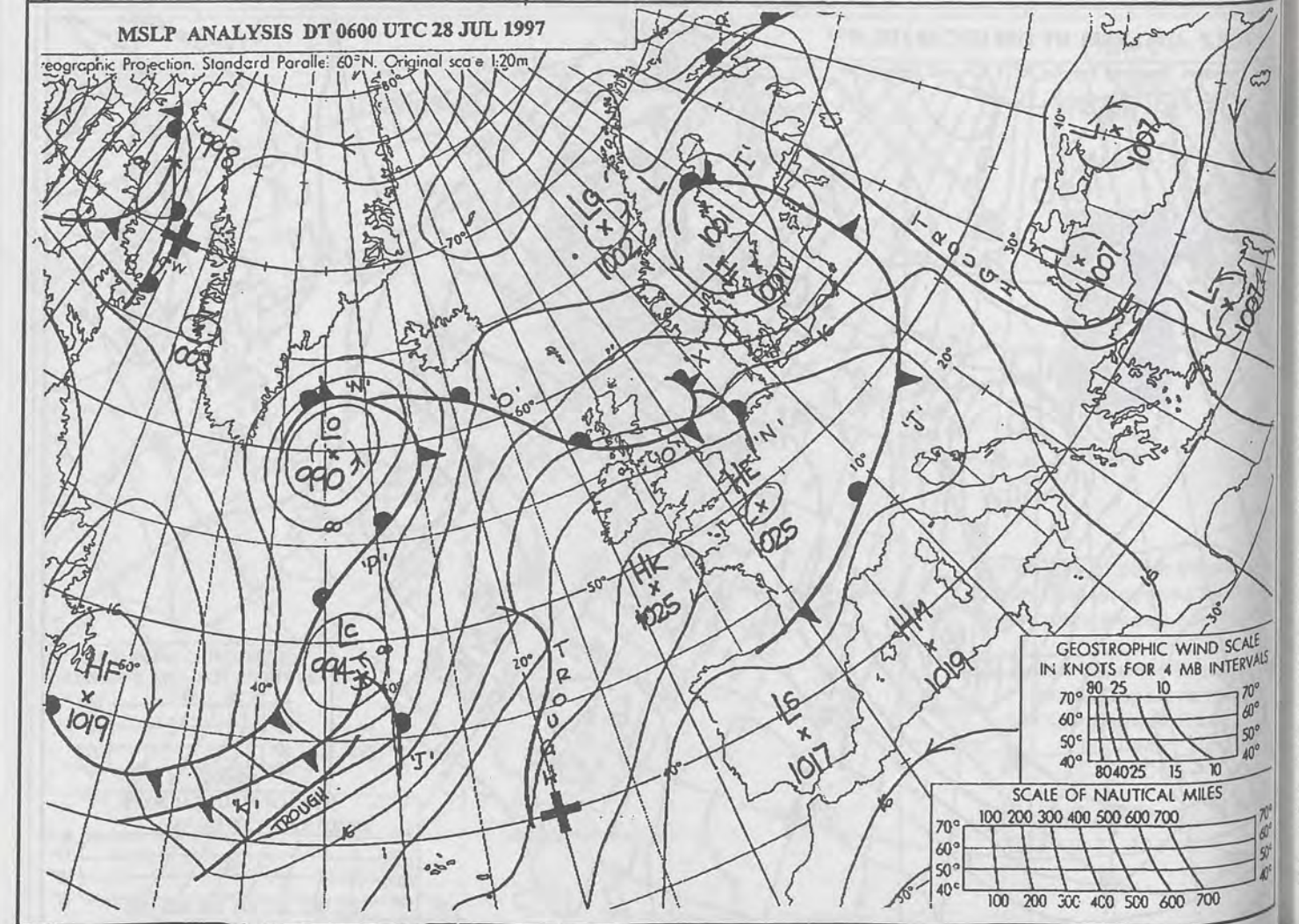
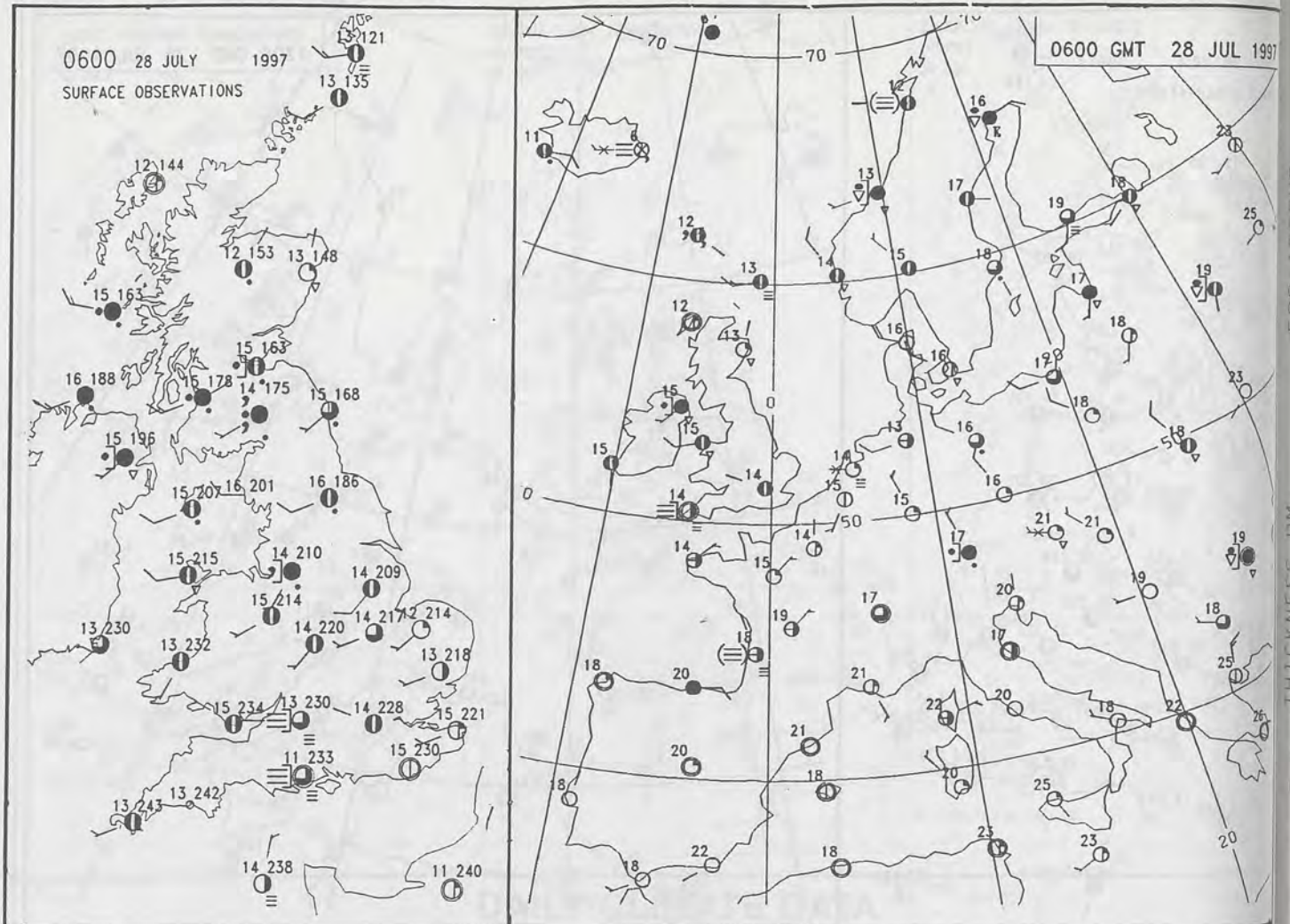


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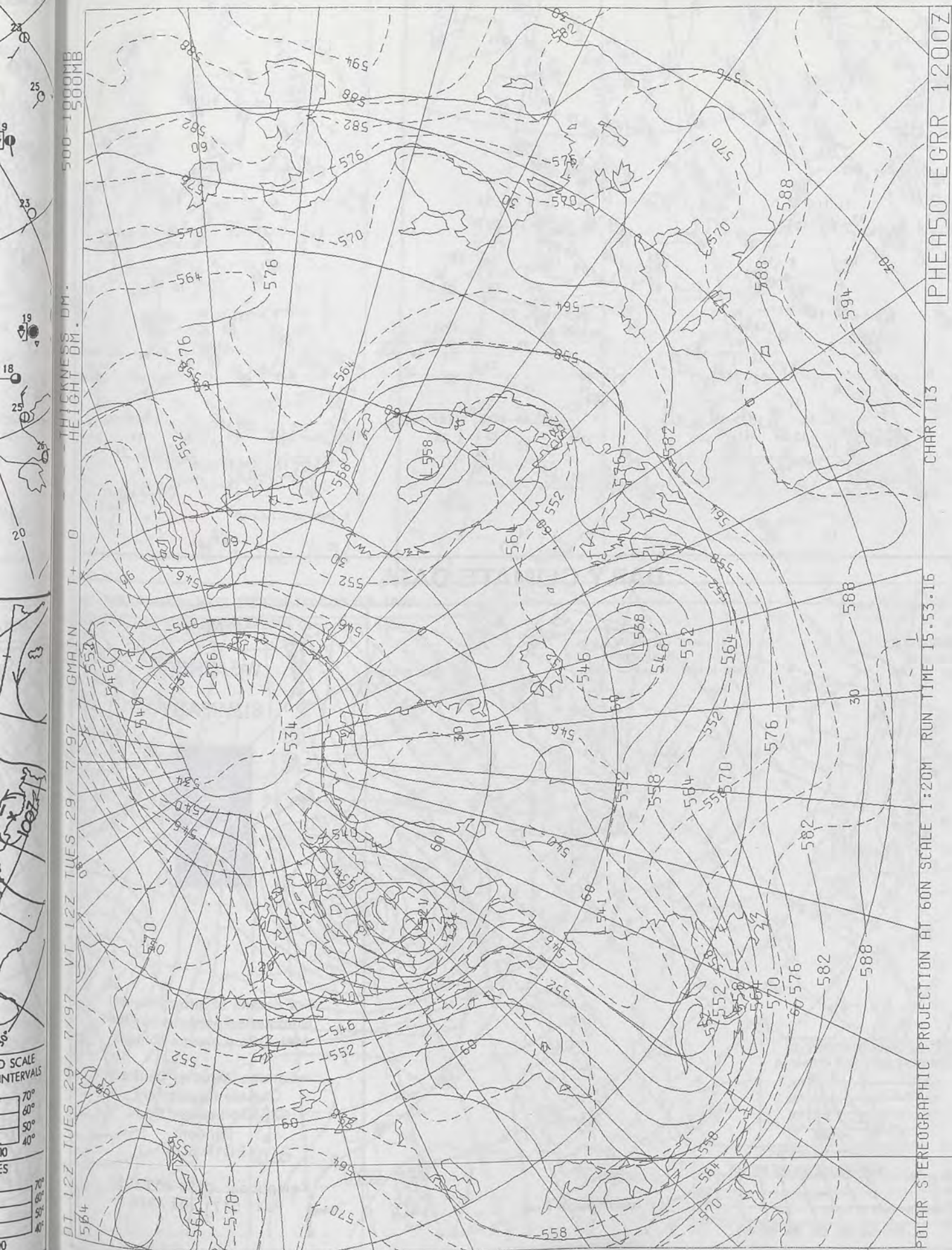


DUPLICATE ALSO





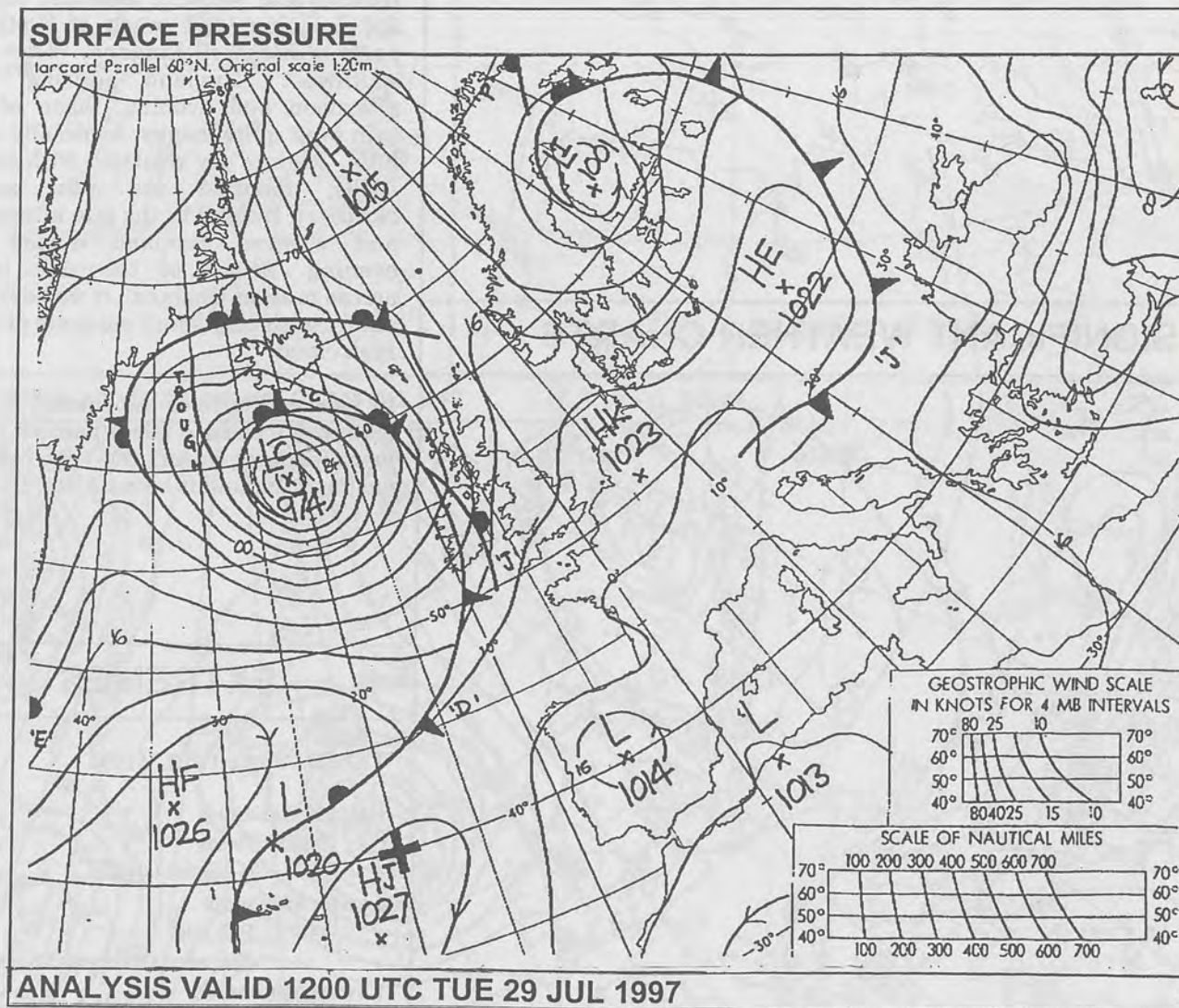
JUL 1997



# The Met. Office

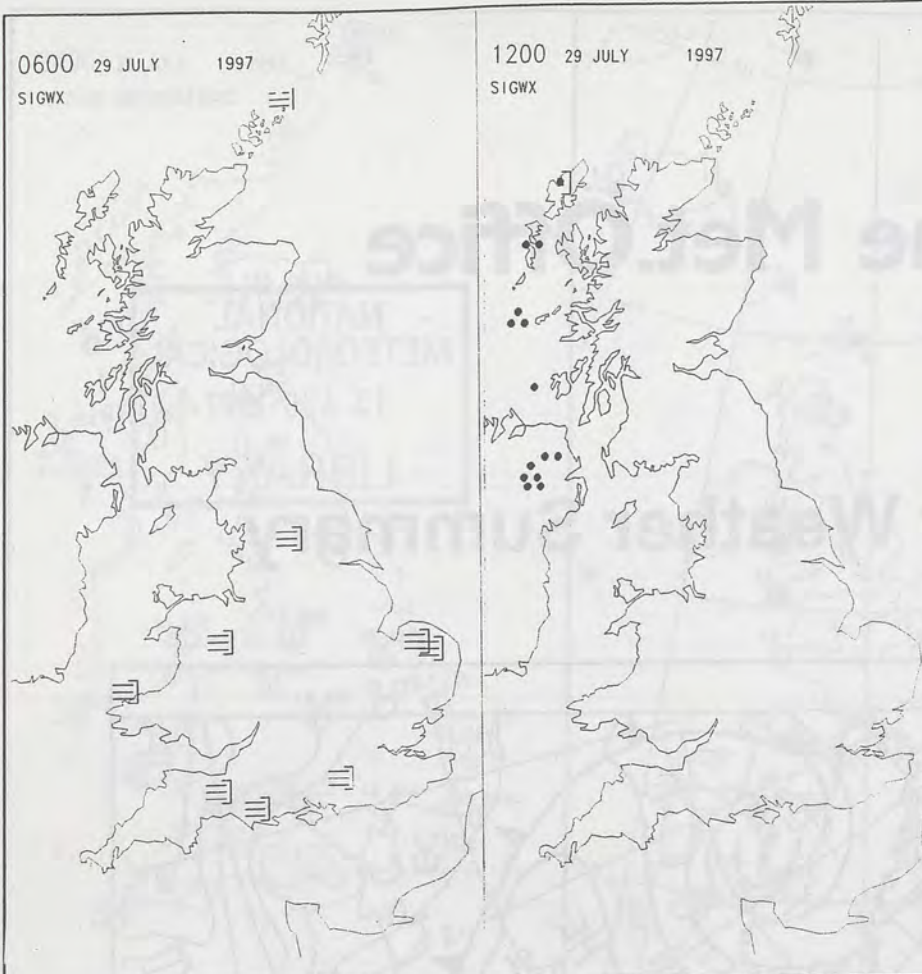
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13 AUG 1997  
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## The Daily Weather Summary

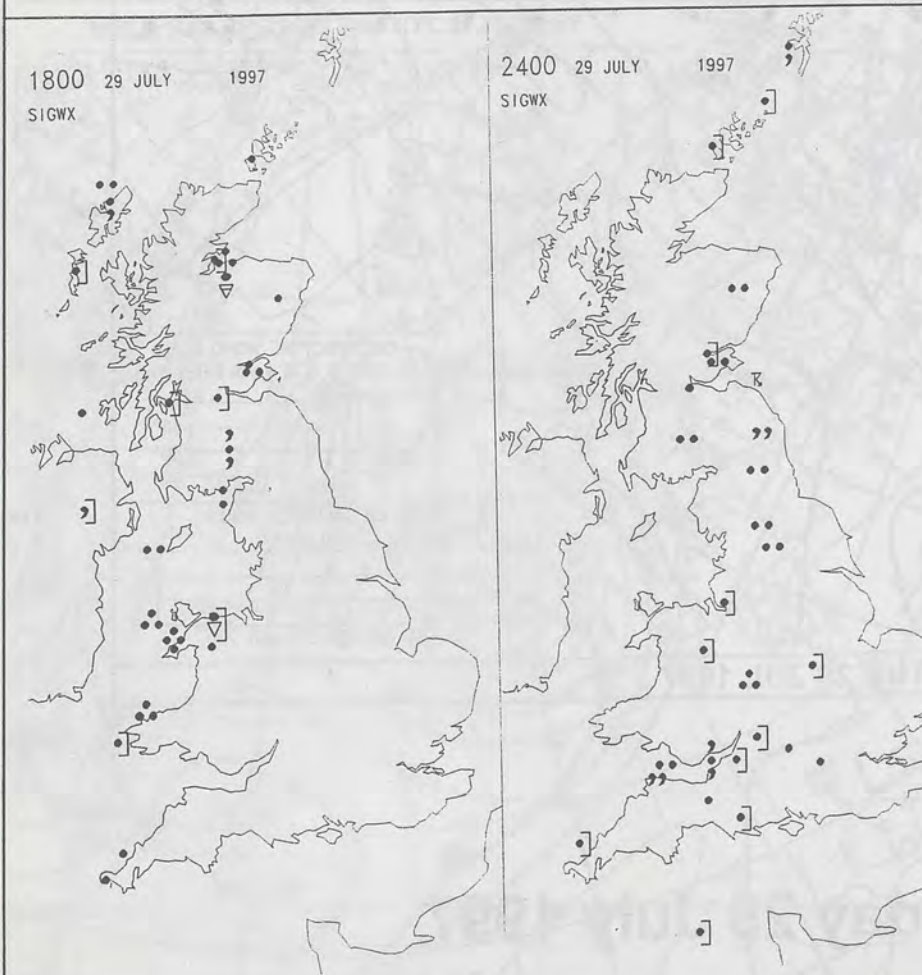


Tuesday 29 July 1997





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Tuesday 29th July 1997

The night was dry over most of the country with patchy high cloud and long clear periods. A few mist or shallow fog patches formed, mainly over England and eastern Scotland. The odd showery burst of rain fell over Scotland, and in the latter part of the night some rain affected northern and western counties of Northern Ireland.

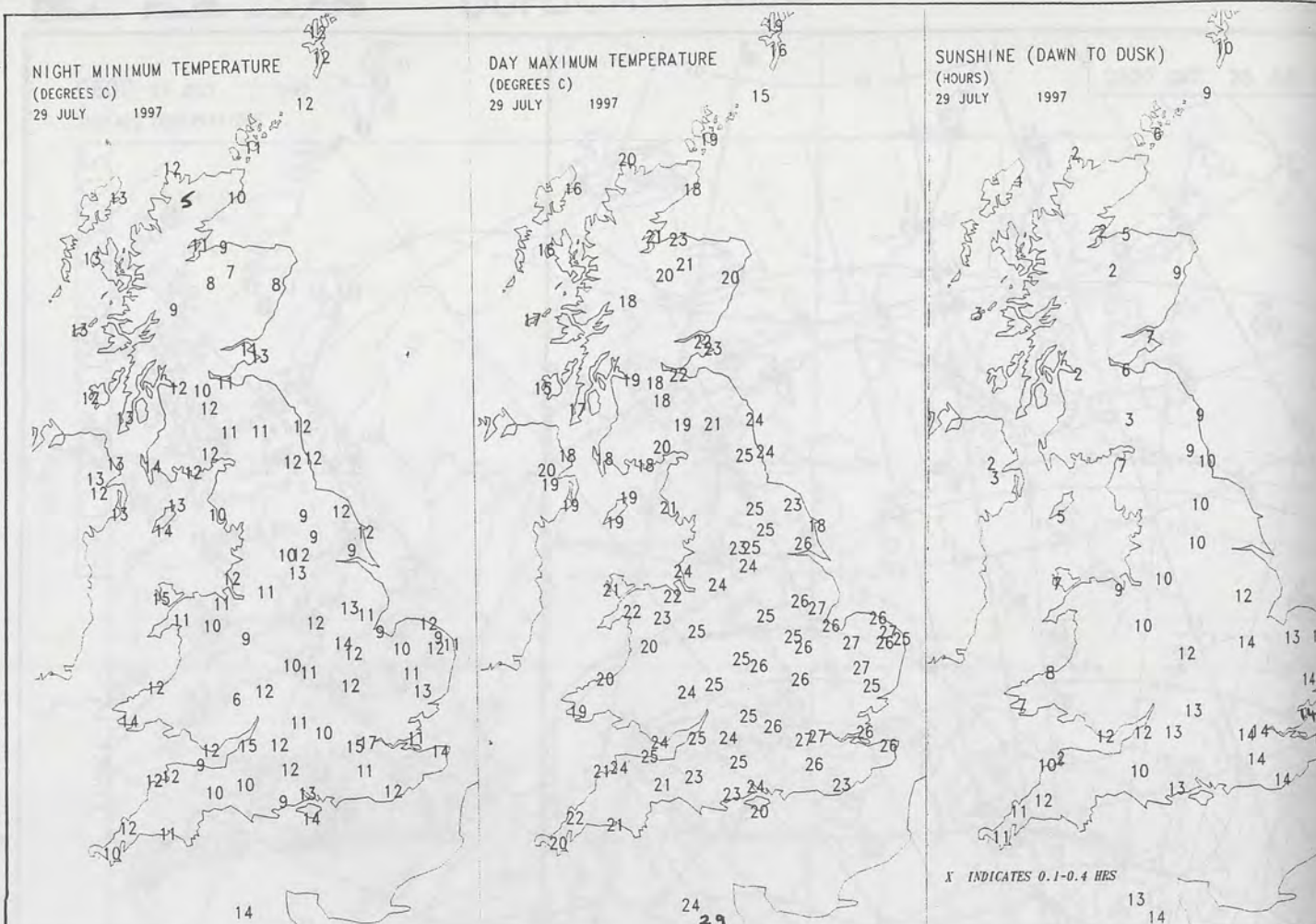
During the day, a band of rain edged slowly eastwards, affecting Northern Ireland and western Scotland during the morning; and much of Scotland, parts of northern England, Wales and southwest England during the afternoon and evening. Some of the rain was quite heavy, especially over hills. Mainly dry weather, with sunny spells, followed the rain across Northern Ireland in the late afternoon, and western Scotland during the evening. Ahead of the rain band, across most of England, it was dry and sunny with only small amounts of thin, high cloud.

In western parts of the country it was generally warm. Elsewhere it was warm or very warm, and over parts of eastern England it became hot.

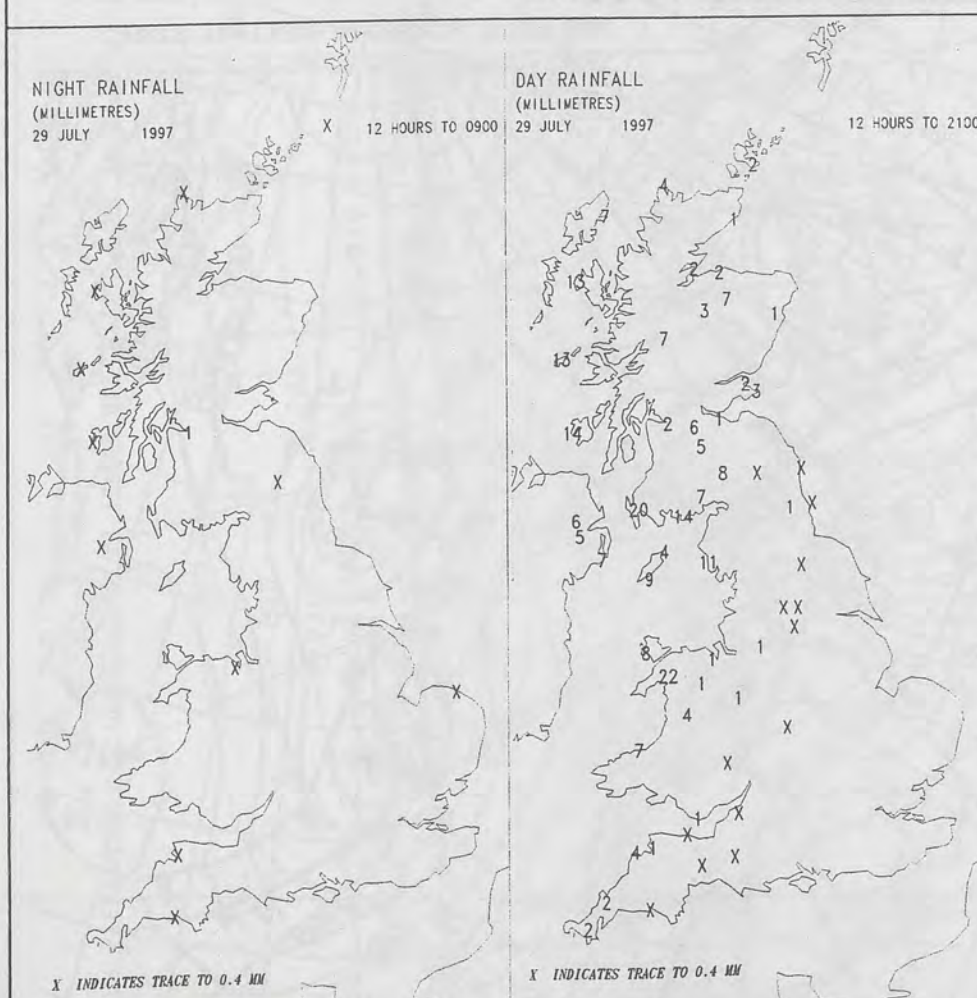
## EXTREMES

### TUESDAY 29TH JULY 1997

- Highest Maximum**  
: 28.6 C Jersey  
(Channel Islands)
- Lowest Maximum**  
: 14.7 C Fair Isle  
(Between Orkney and Shetland)
- Lowest Minimum**  
: 5.1 C Altnaharra  
(Highland)
- Lowest Grass Minimum**  
: 1.3 C Hawarden  
(Flintshire)
- Most Rain (24 hrs from 0900 GMT)**  
: 27.4 mm Nantmor  
(Gwynedd)
- Most Sunshine**  
: 14.4 hrs Clacton  
(Essex)



## DAILY CLIMATE DATA



## DAILY WEATHER SUMMARY



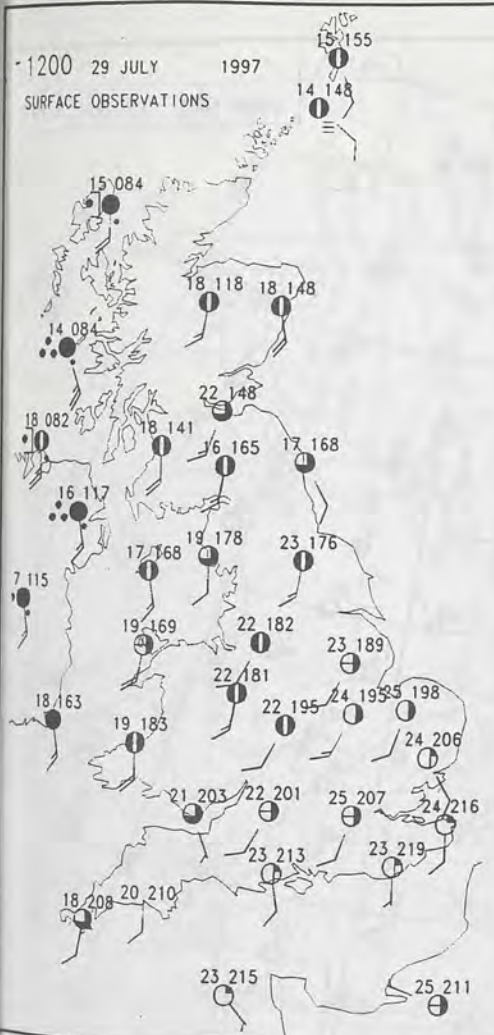
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EC1R 5DB

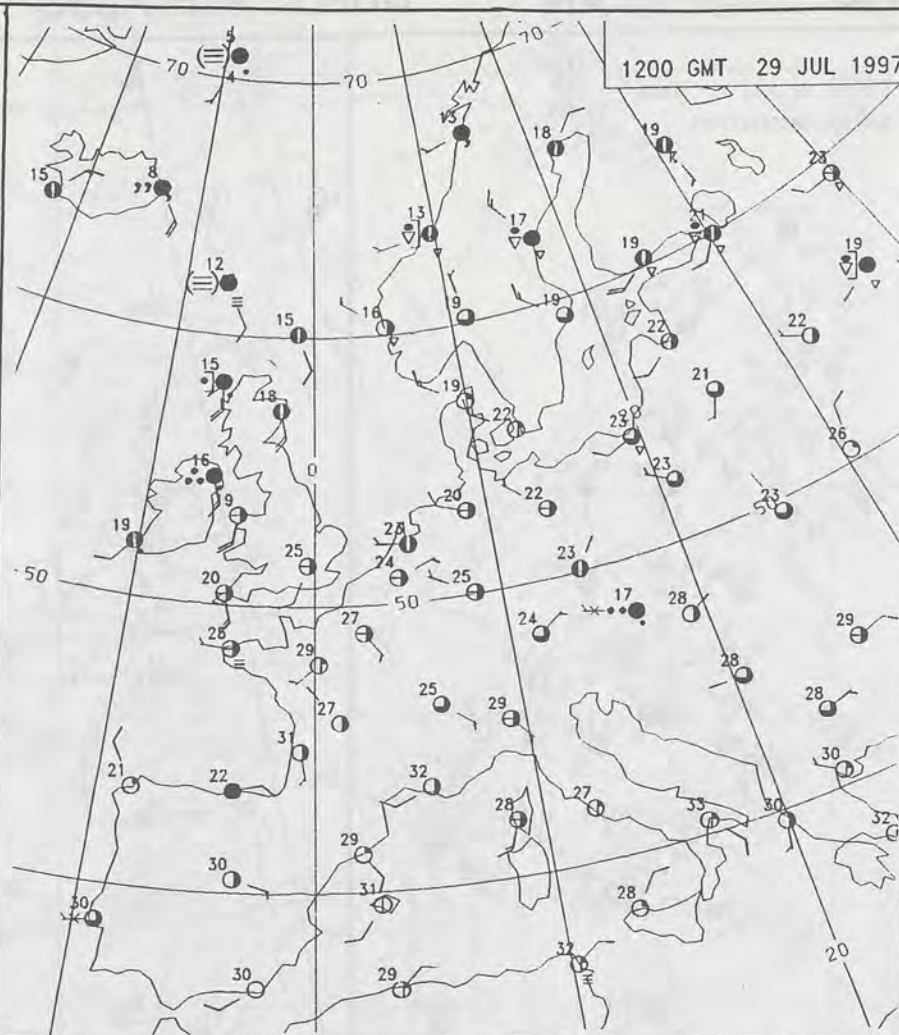
Telephone: 0171 405 4358  
Fax: 0171 404 4314



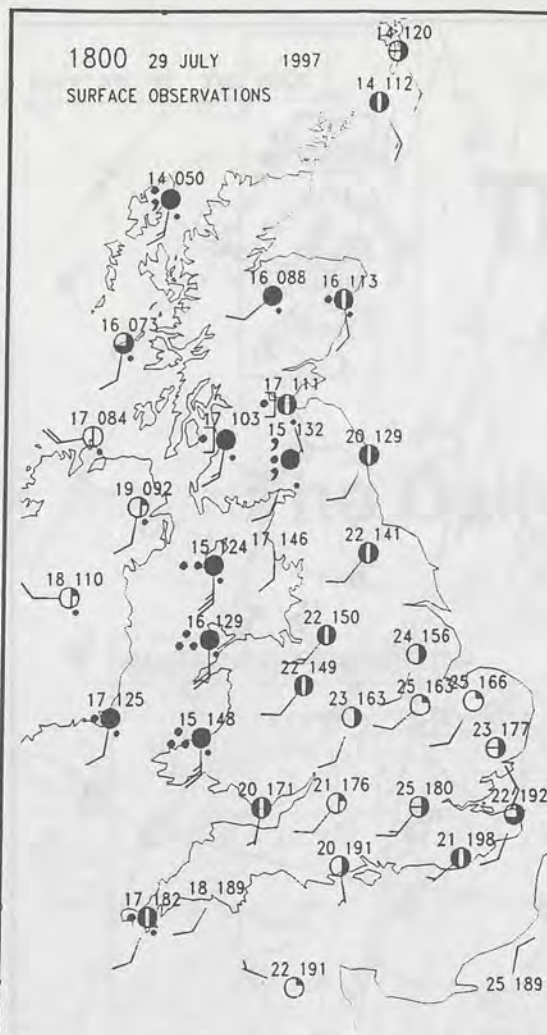
1200 29 JUL 1997  
SURFACE OBSERVATIONS



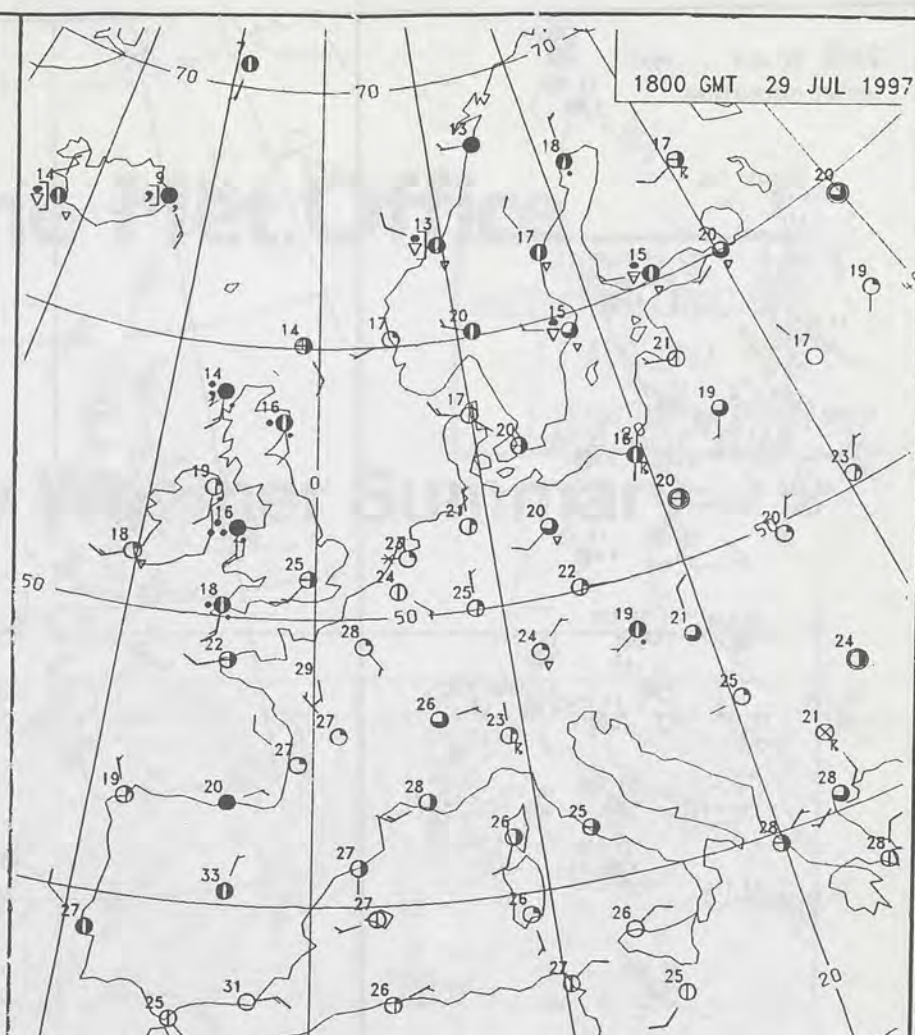
1200 GMT 29 JUL 1997



1800 29 JUL 1997  
SURFACE OBSERVATIONS

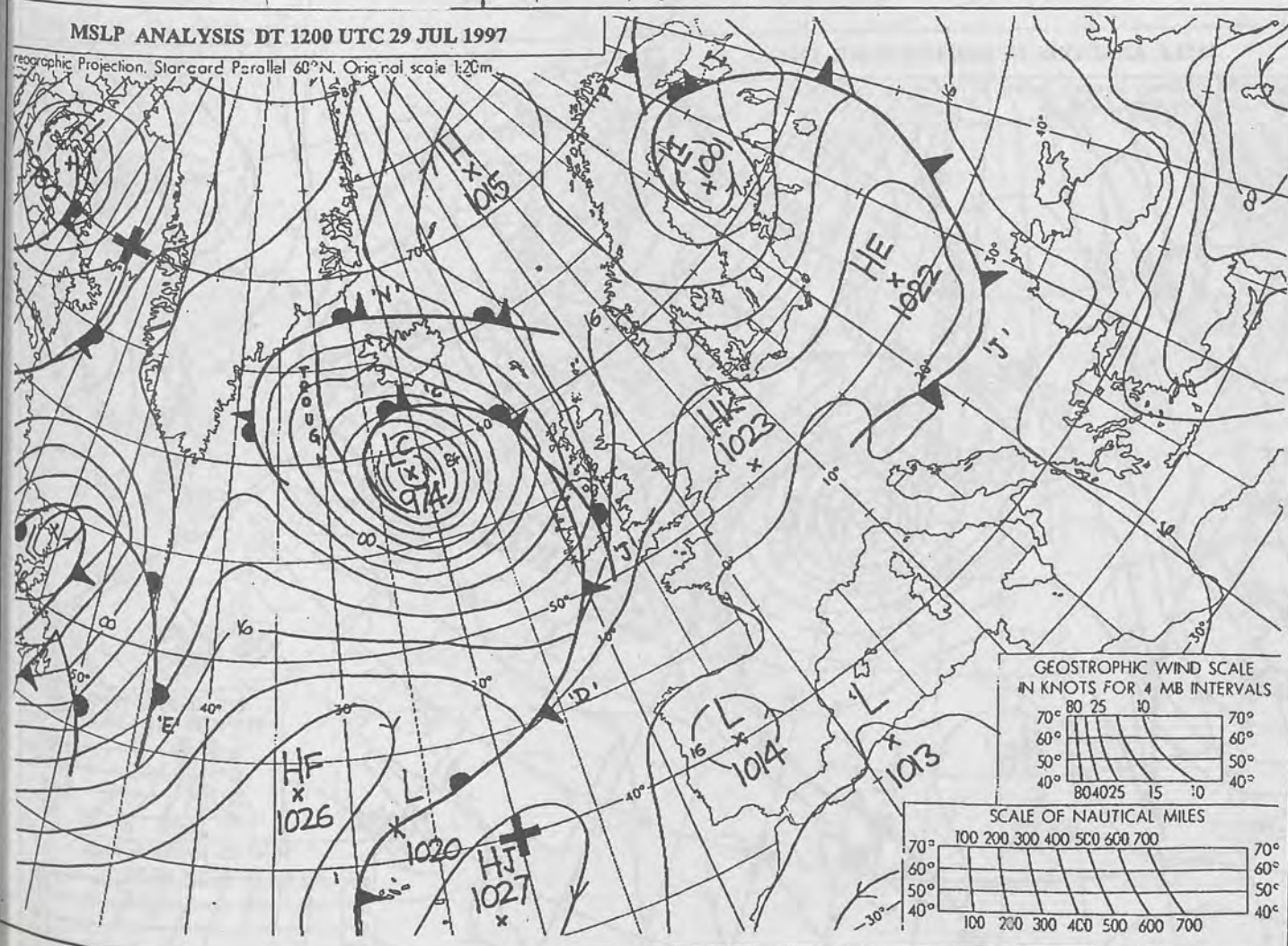


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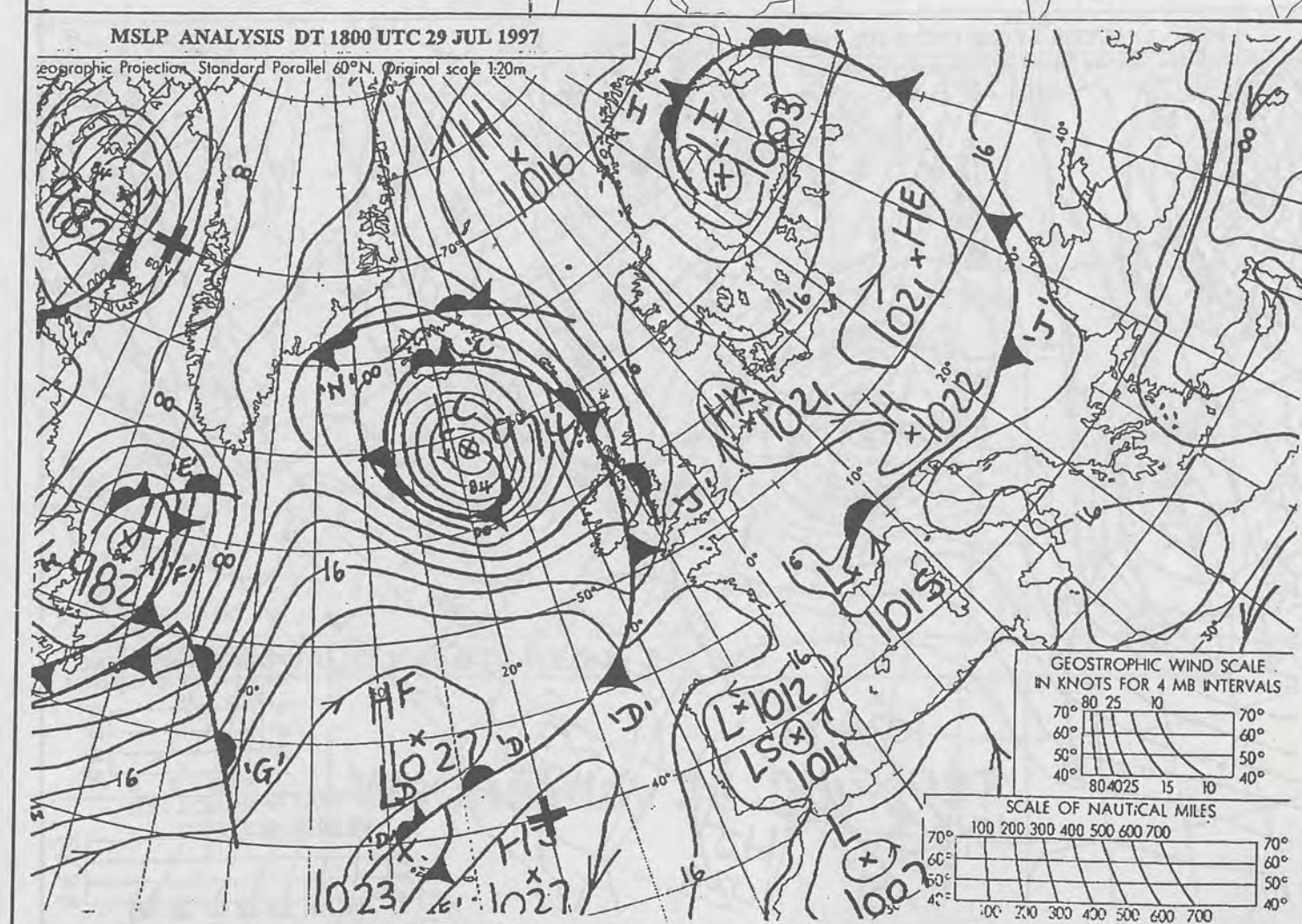
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Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 1800 UTC 29 JUL 1997

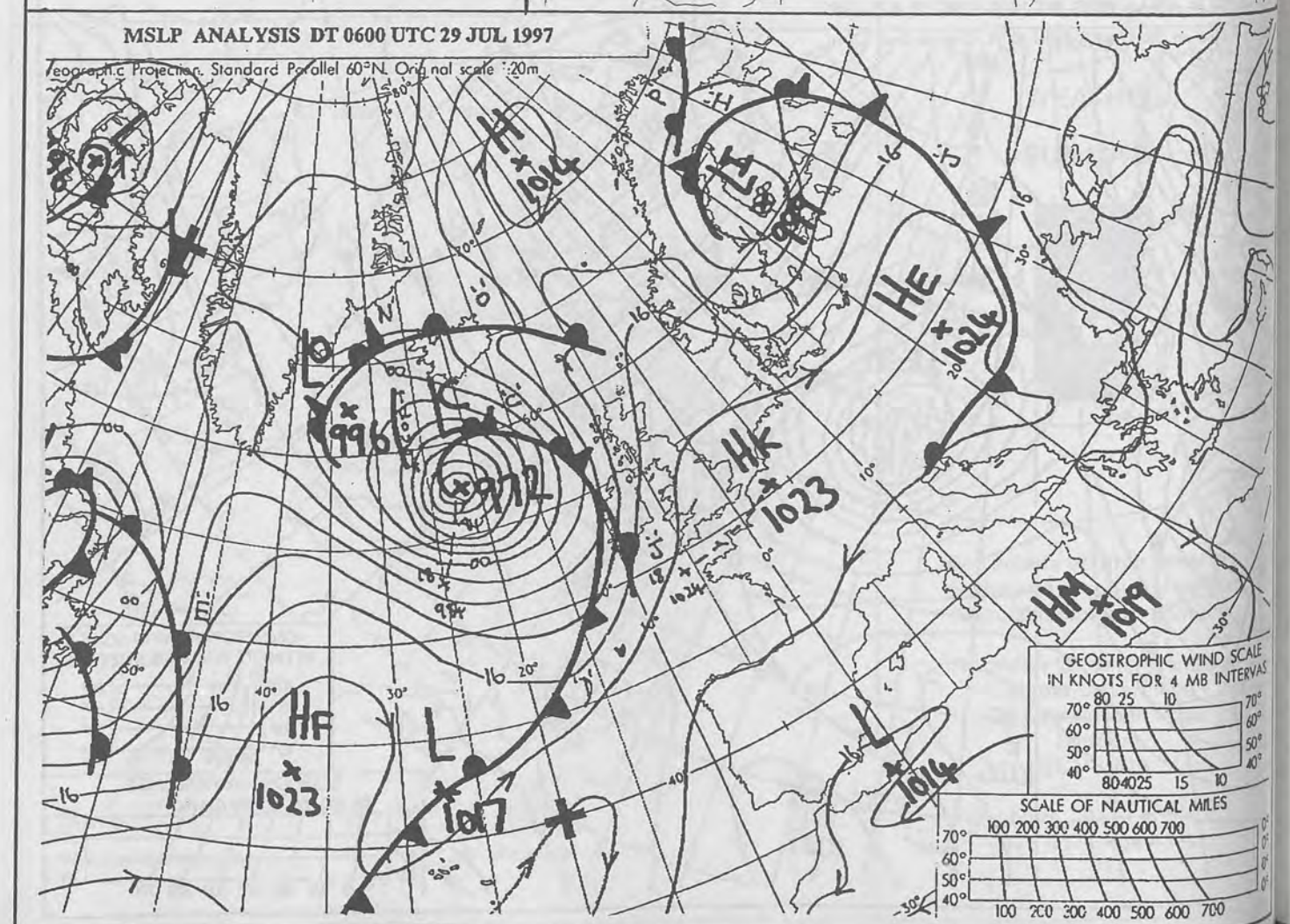
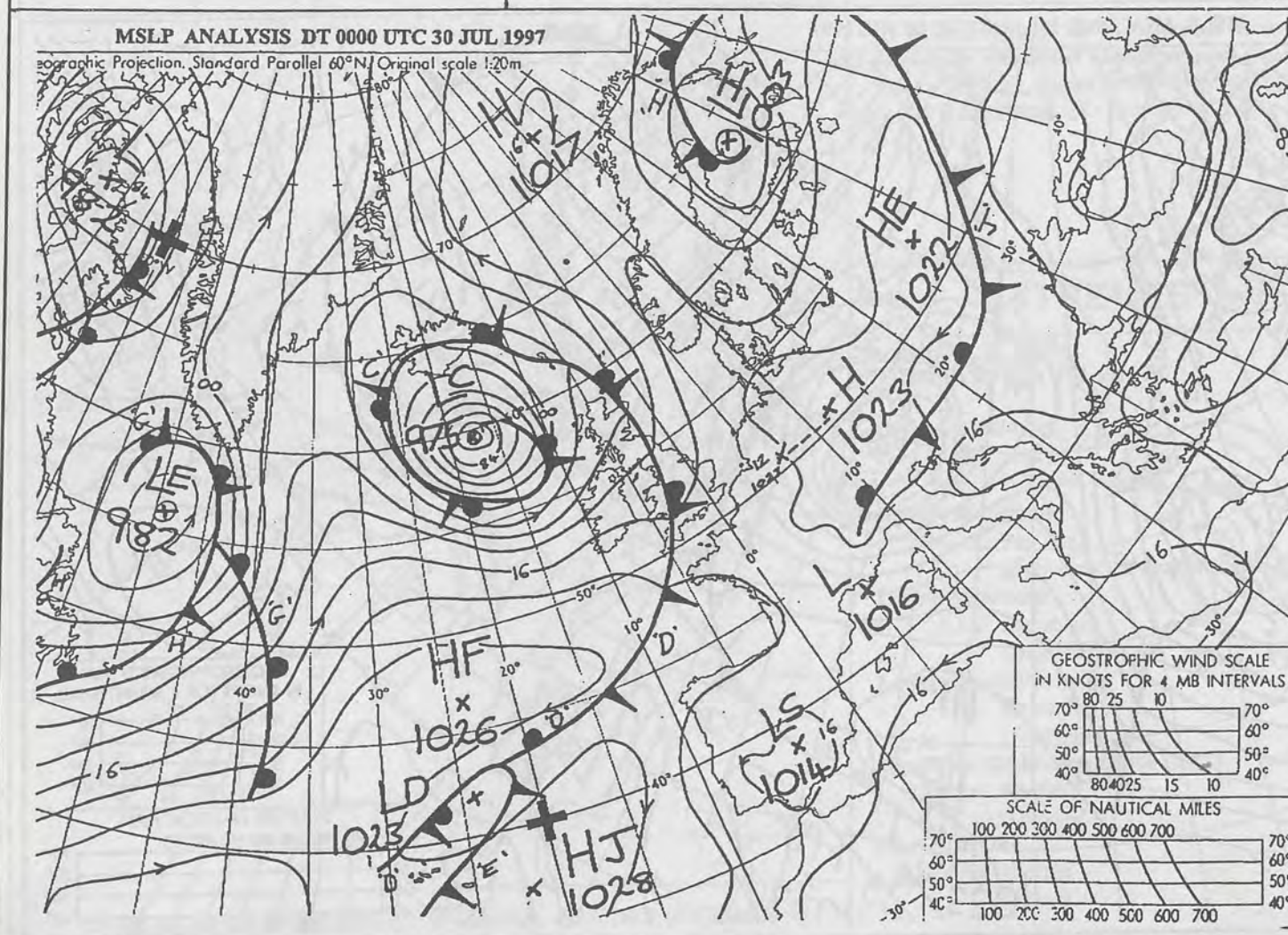
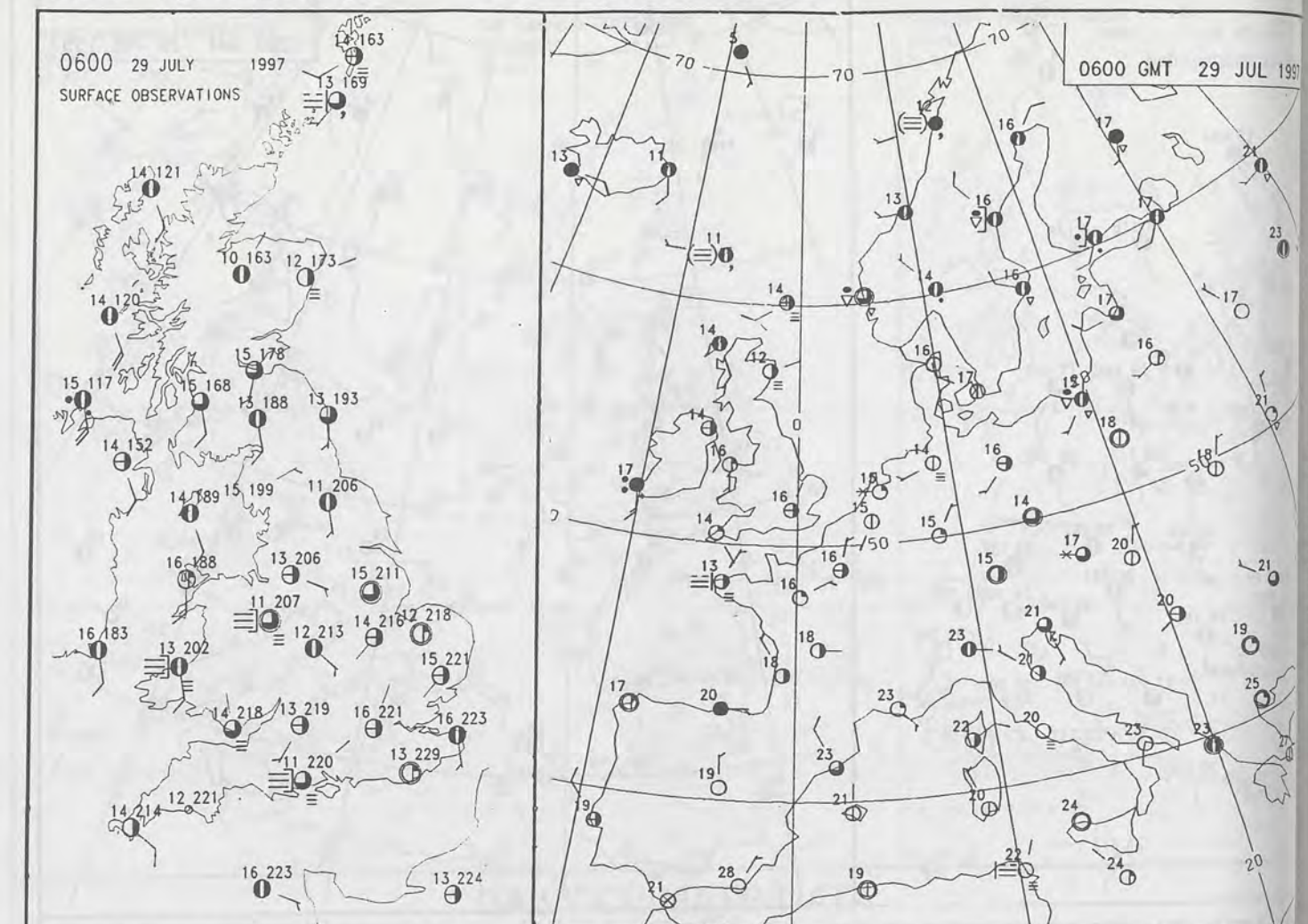
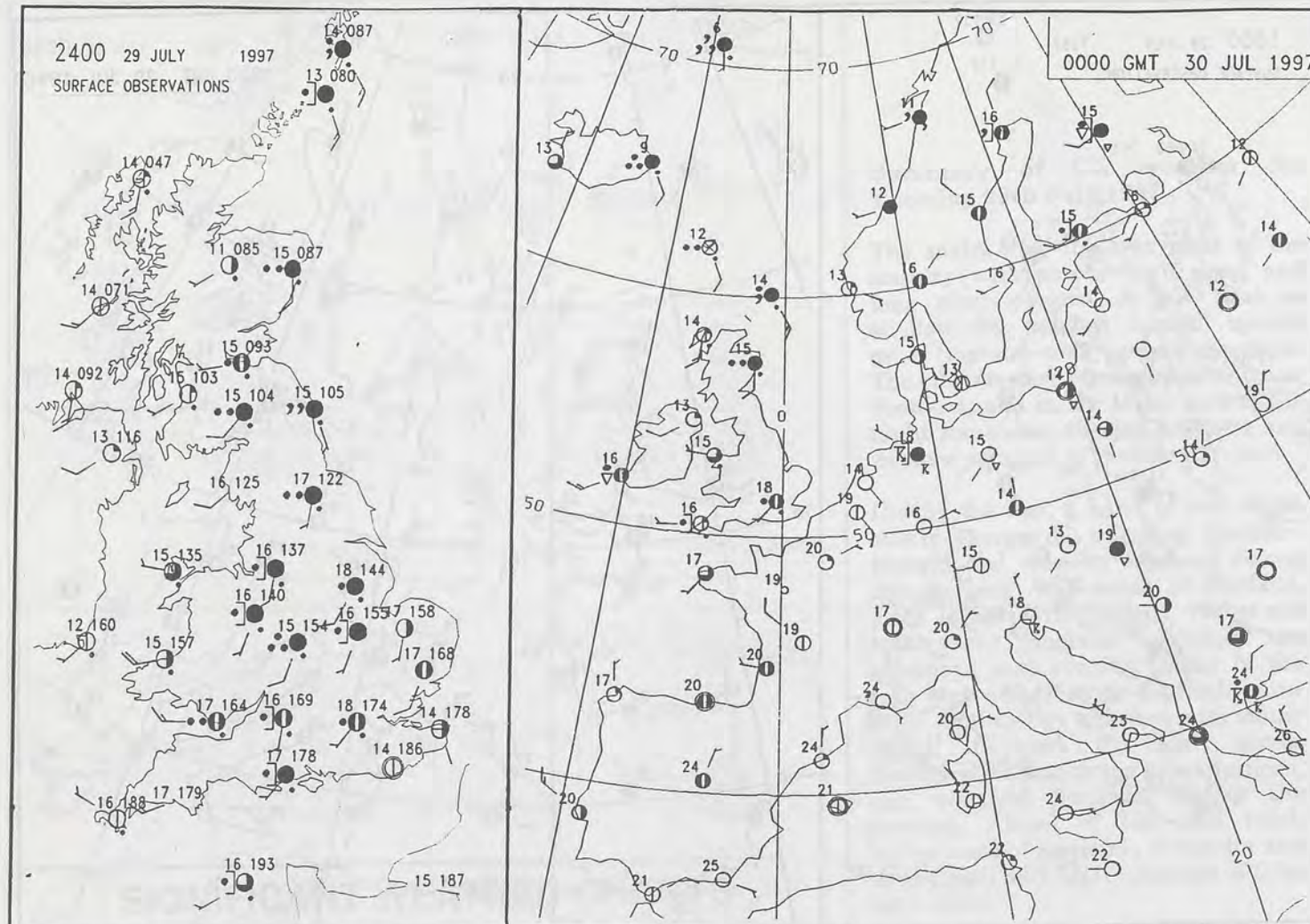
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NOT FOR LOAN

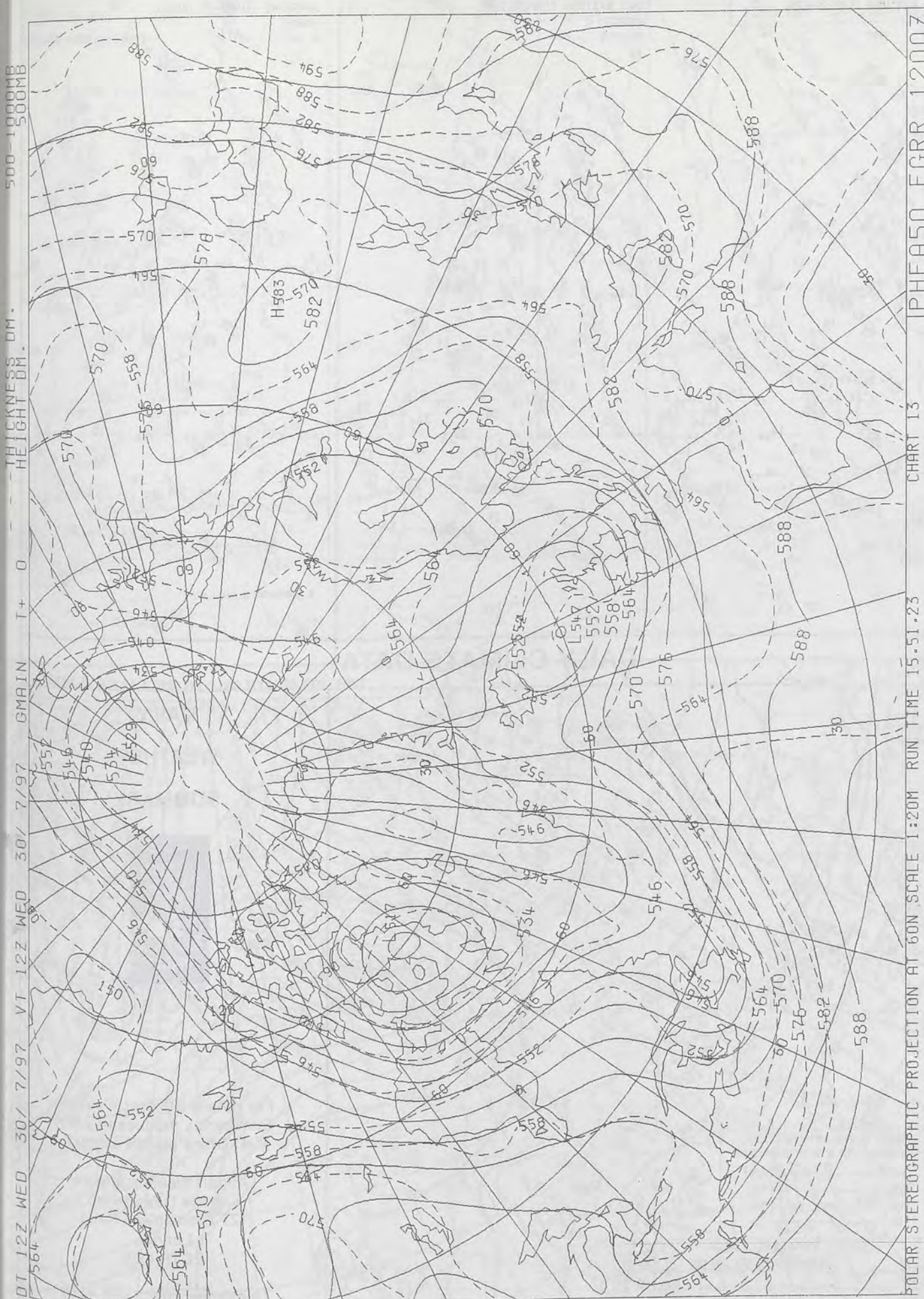
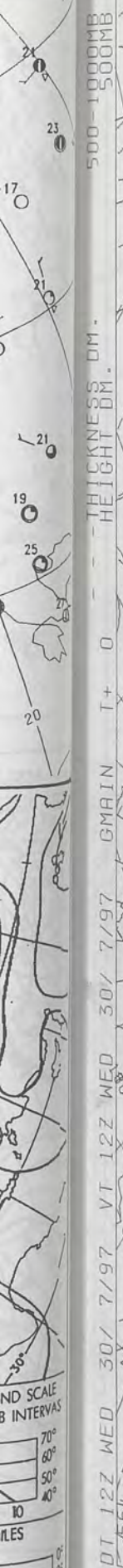
DUPLICATE ALSO



DT 127 MED 30/ 7/97 VT 127 MED 30/ 7/97 GMAIN T+ 0 -THICKNESS DM. -HEIGHT DM. 500-1000MB



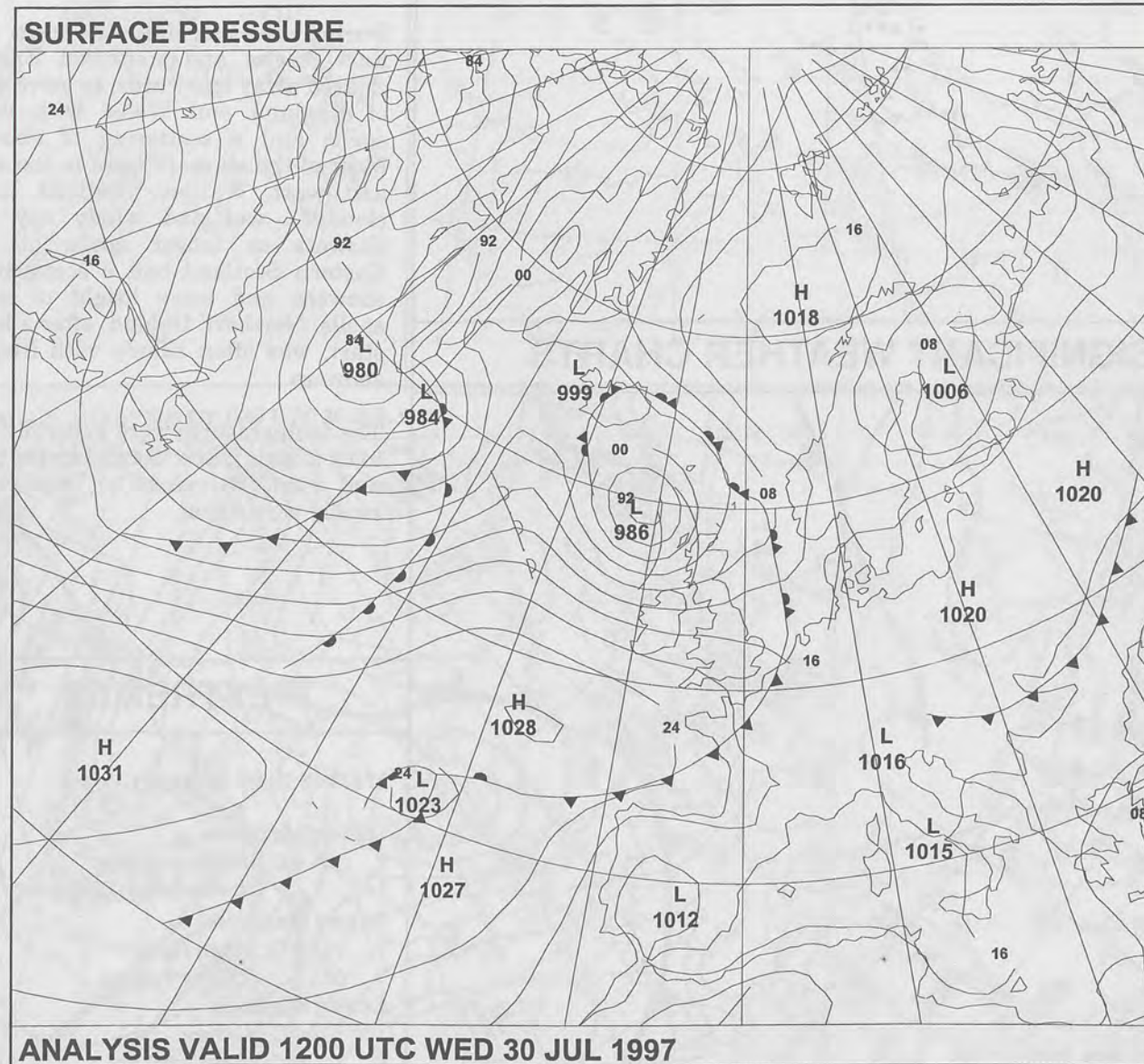
JUL 1997



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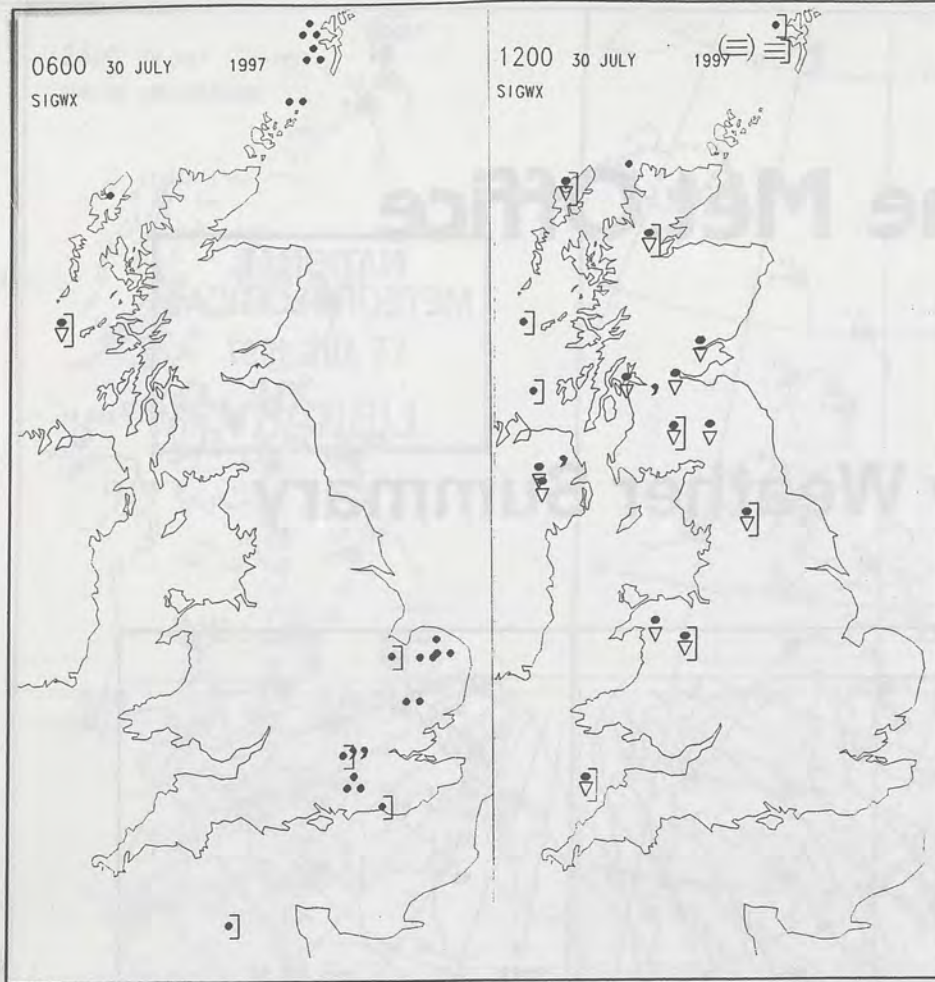
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## The Daily Weather Summary

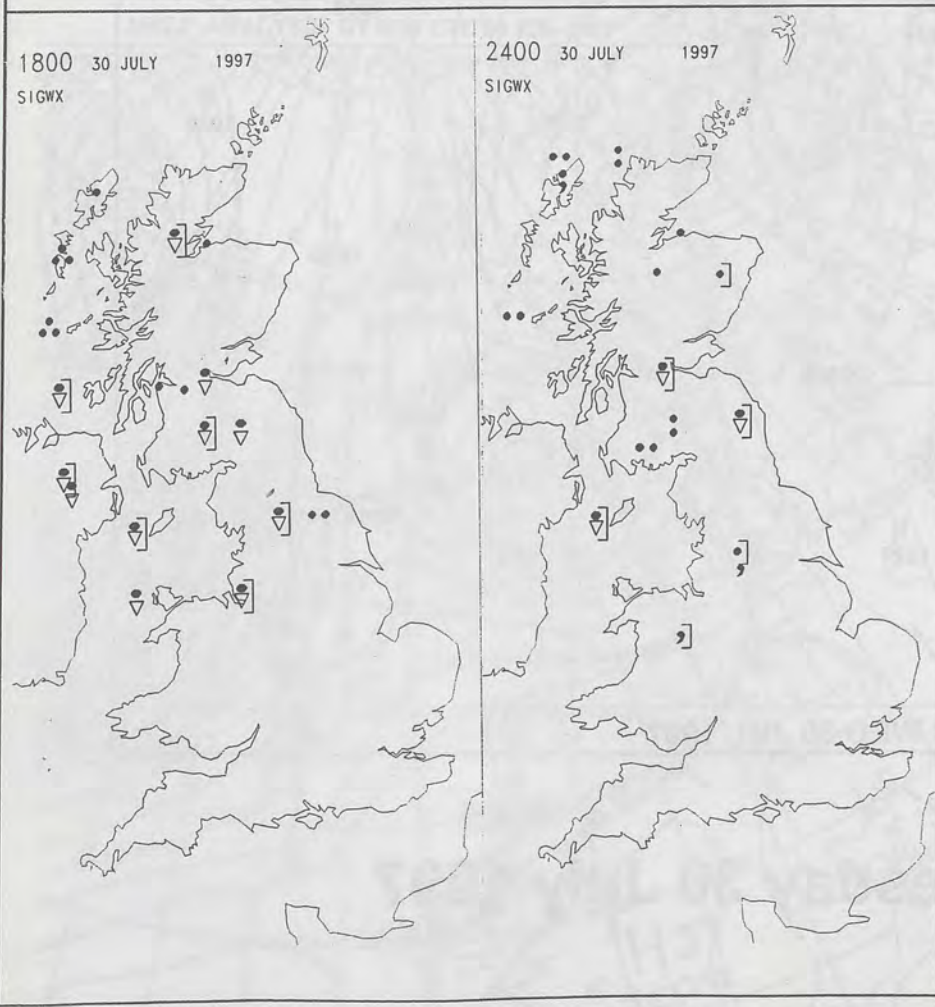


**Wednesday 30 July 1997**





## SIGNIFICANT WEATHER CHARTS



### Summary of UK weather for Wednesday 30th July 1997

During the night, a band of rain pushed eastwards across England. Drier and clearer conditions over Wales followed the rain, reaching all but East Anglia and southeast England by daybreak. Outbreaks of rain affected eastern Scotland for a time, but most parts became drier for a time before further rain pushed into the west later in the night. Shetland was generally wet throughout the night. Northern Ireland remained dry with clear spells.

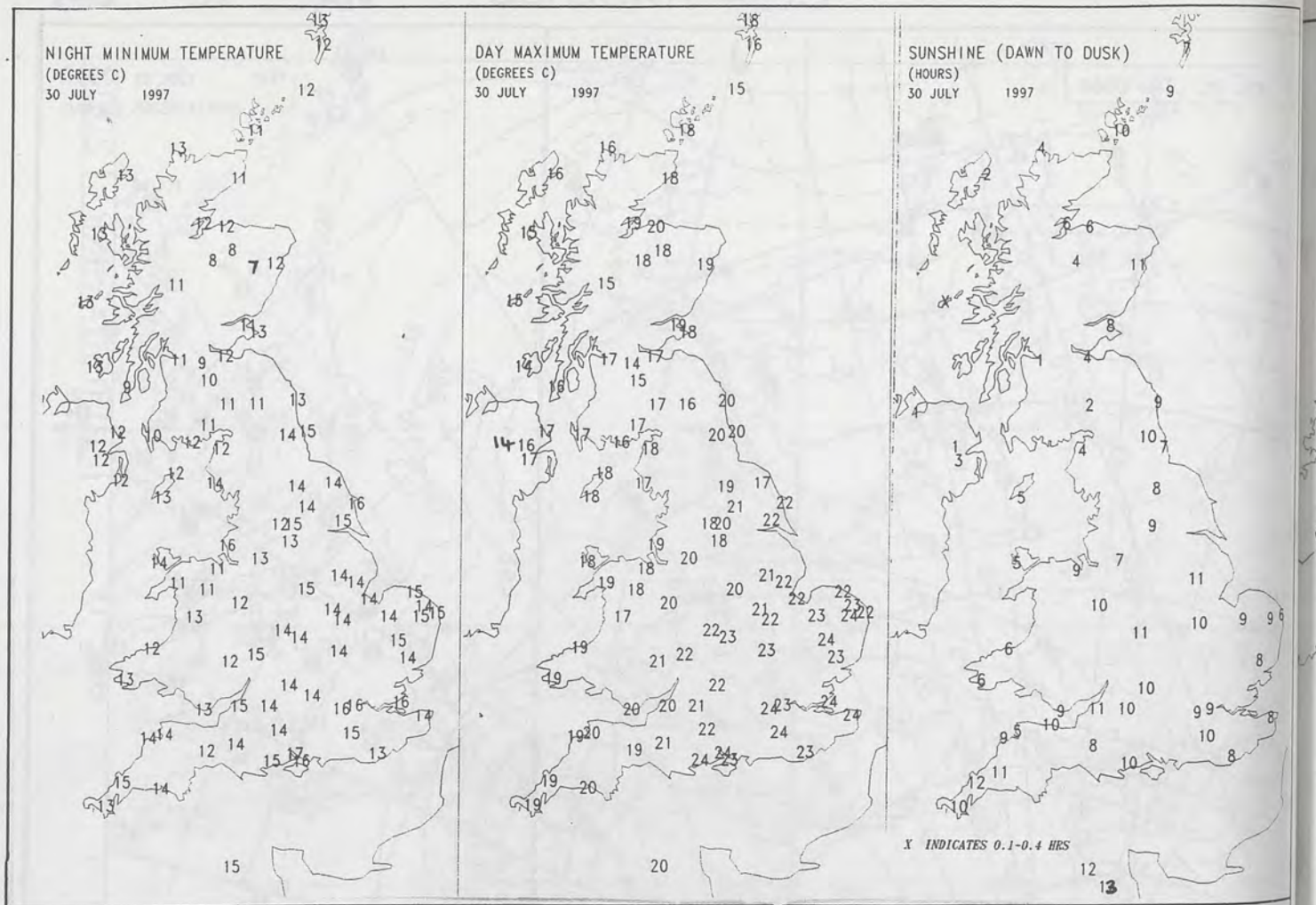
During the morning, the rain over East Anglia and southeast England cleared away eastwards, to leave much of England and Wales with sunny spells and a scattering of showers. Most of the showers were in the north and west. Western Scotland had a cloudy, wet and windy day with showers or longer spells of rain. Eastern Scotland had a scattering of showers and some bright or sunny spells. Northern Ireland, after a bright start, was often cloudy with frequent showers.

The temperatures were generally close to or a little below normal in the north and west. Elsewhere, it was warm, locally very warm.

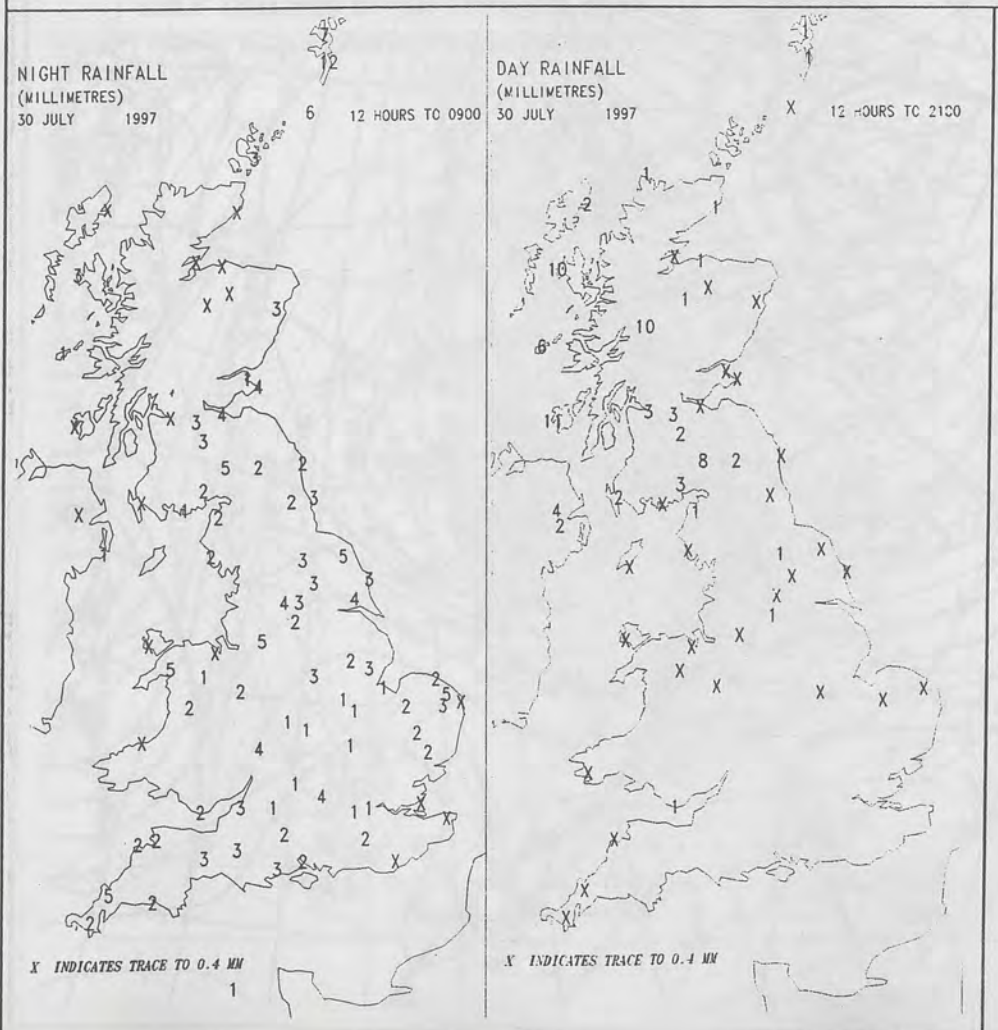
### EXTREMES

#### WEDNESDAY 30TH JULY 1997

- Highest Maximum**  
: 24.4 C Heathrow Airport  
Shoeburyness (Essex)
- Lowest Maximum**  
: 13.6 C Lough Fea  
(County Tyrone)
- Lowest Minimum**  
: 7.4 C Aboyne  
(Aberdeenshire)
- Lowest Grass Minimum**  
: 3.5 C Aviemore  
(Highland)
- Most Rain (24 hrs from 0900 GMT)**  
: 15.9 mm Cape Wrath  
(Highland)
- Most Sunshine**  
: 13.4 hrs Jersey  
(Channel Islands)



## DAILY CLIMATE DATA



### DAILY WEATHER SUMMARY



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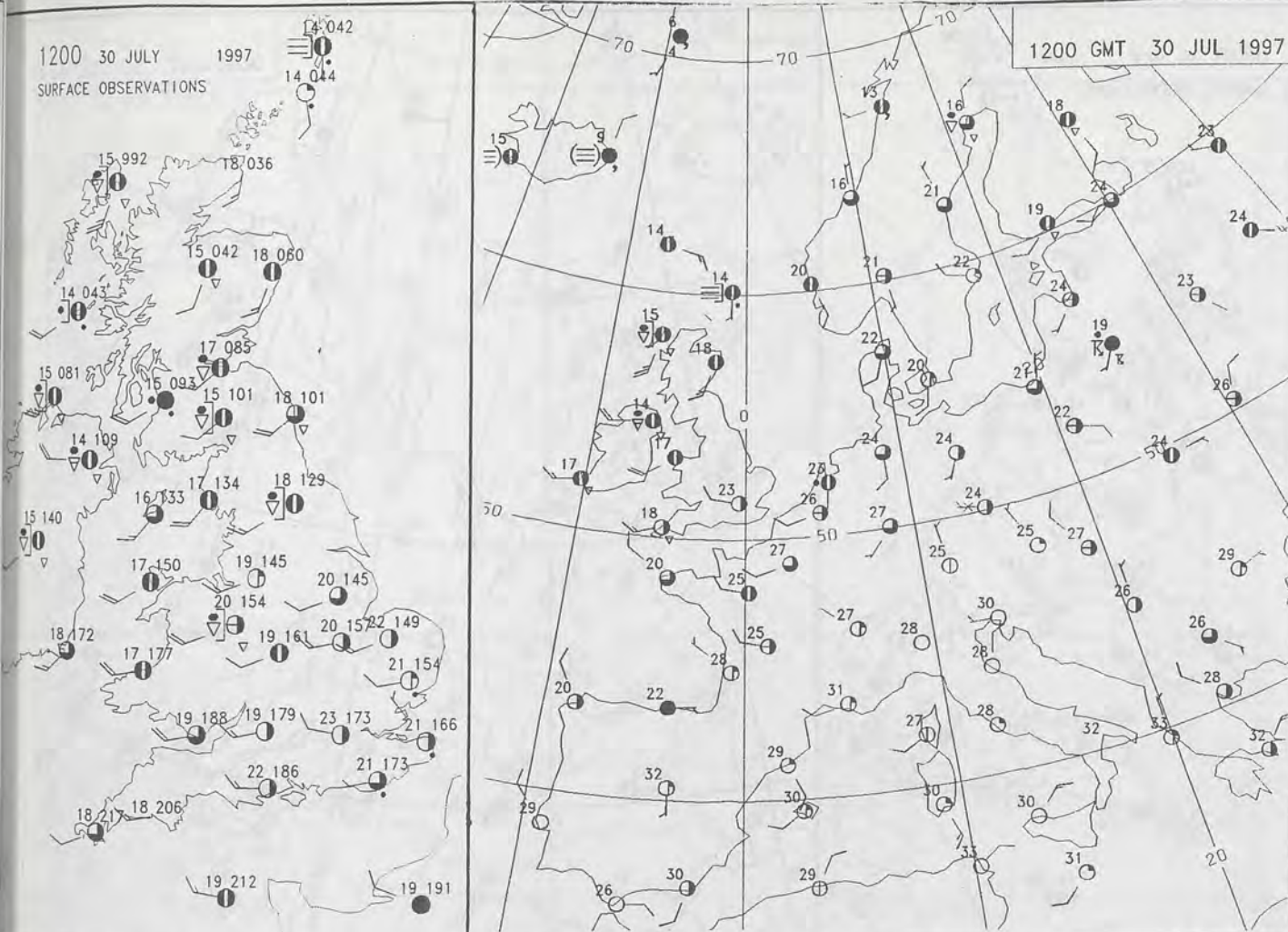
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Climate Department  
127 Clerkenwell Road  
London  
EC1R 5DB

Telephone: 0171 405 4358  
Fax: 0171 404 4314



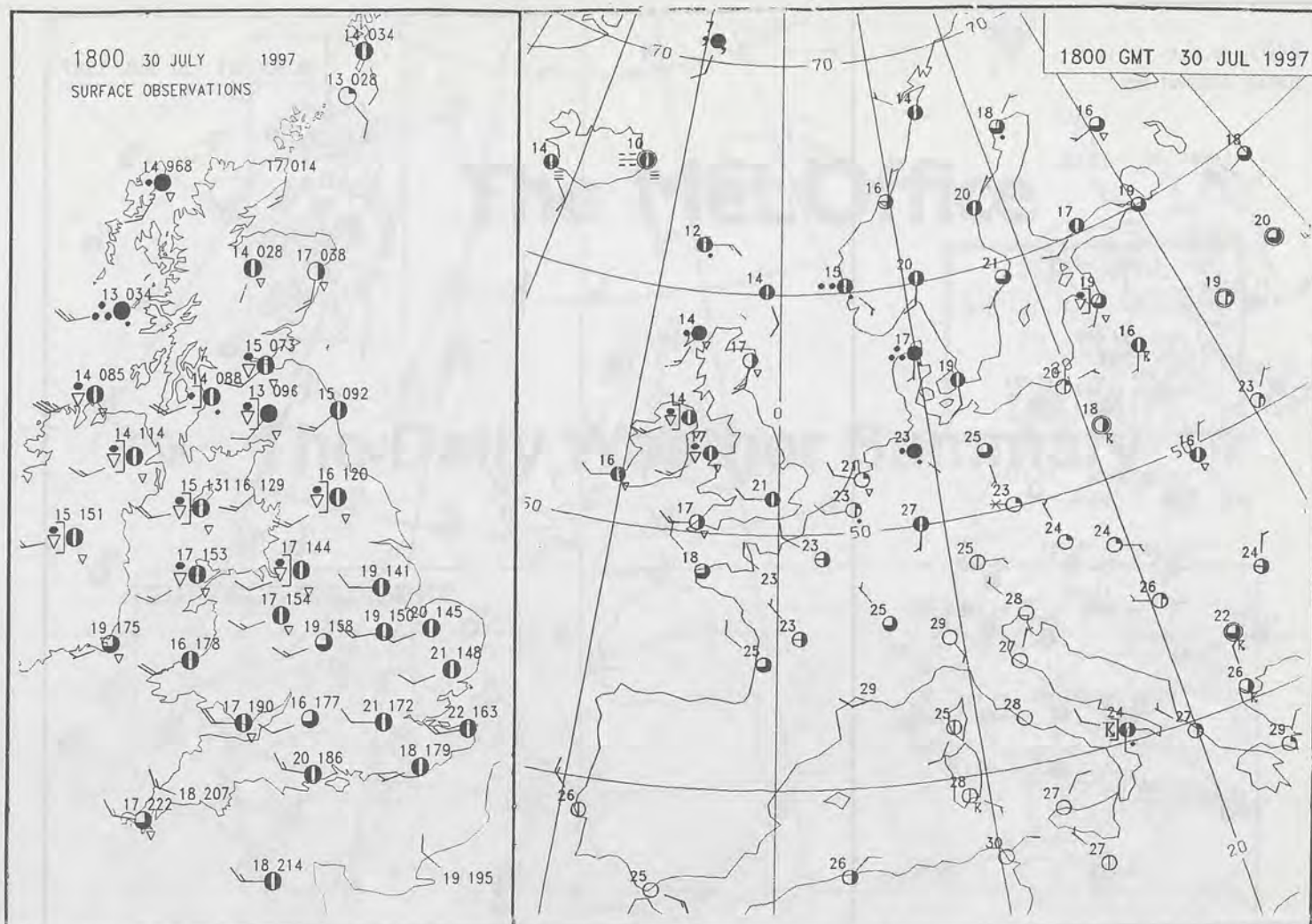
1200 30 JULY 1997  
SURFACE OBSERVATIONS

1200 GMT 30 JUL 1997



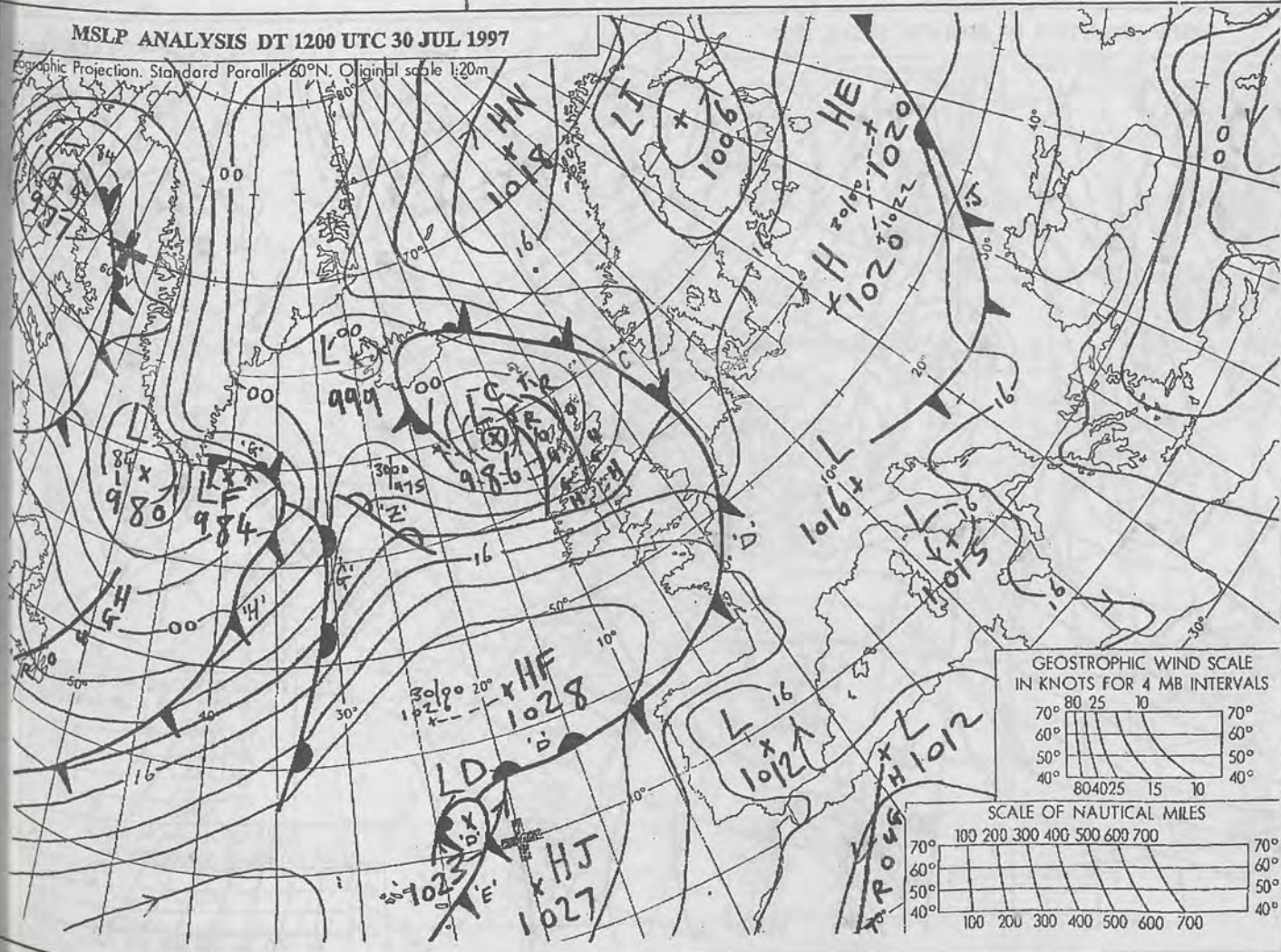
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SURFACE OBSERVATIONS

1800 GMT 30 JUL 1997



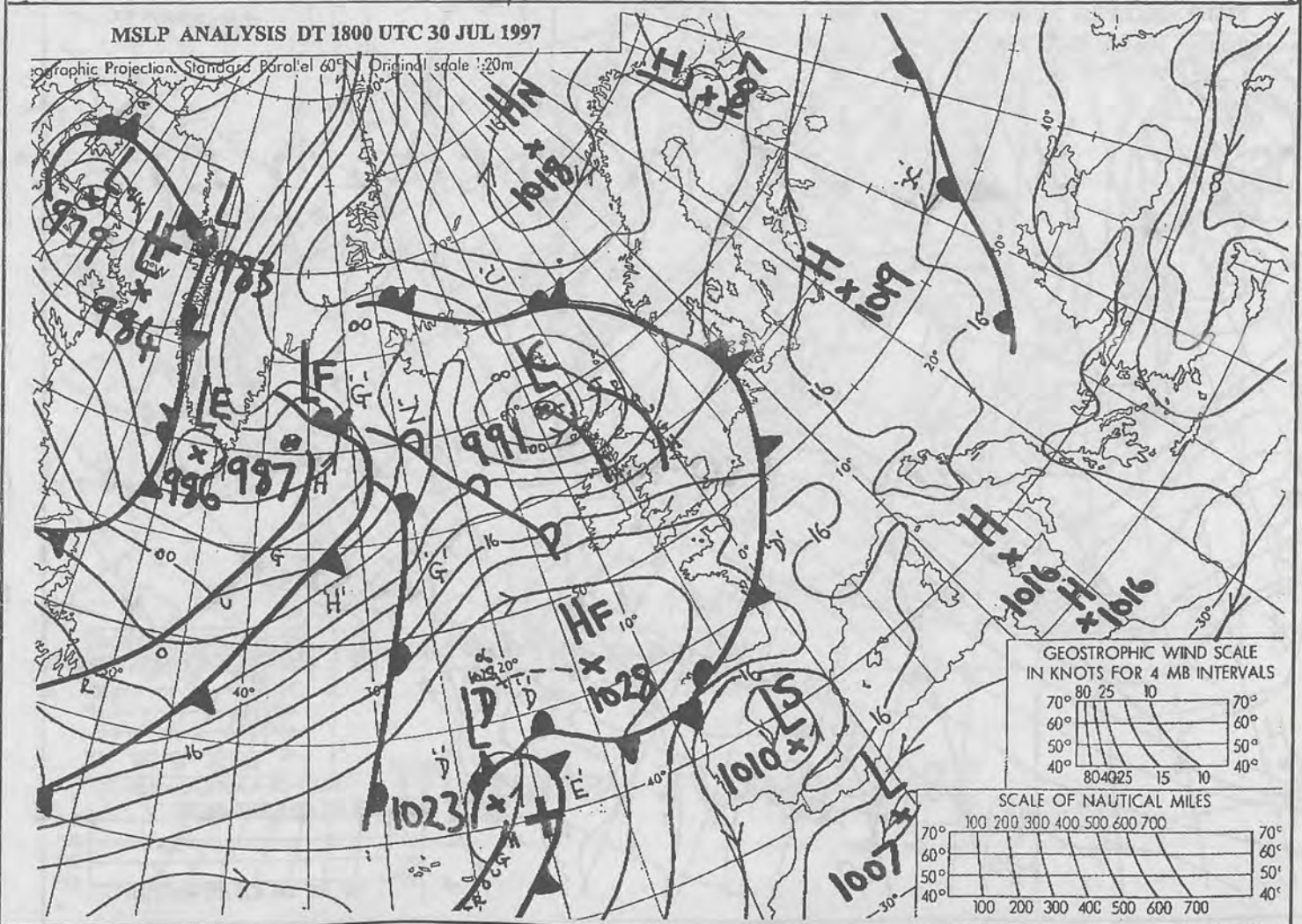
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Geographic Projection, Standard Parallel 60°N, Original scale 1:20m



MSLP ANALYSIS DT 1800 UTC 30 JUL 1997

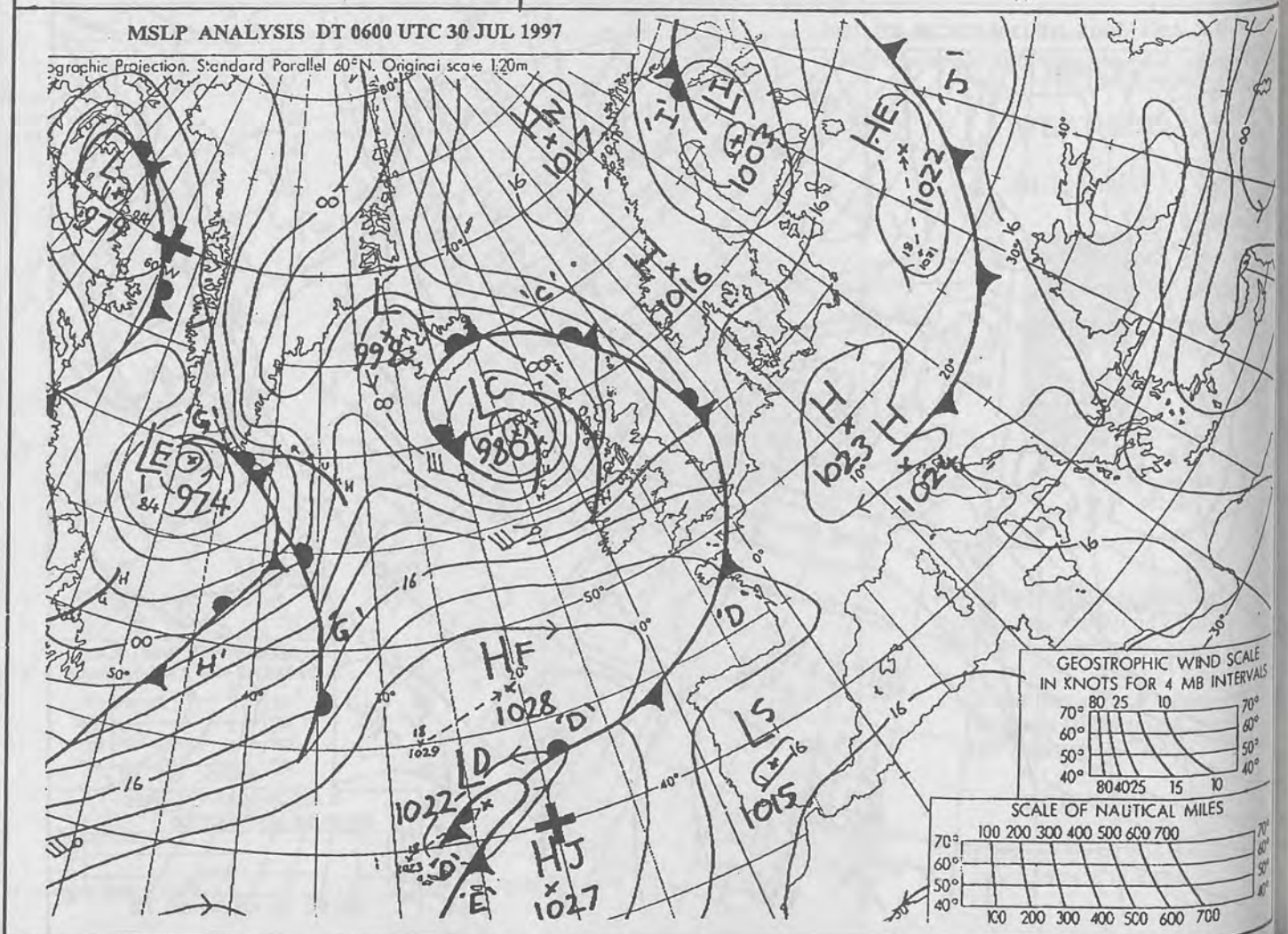
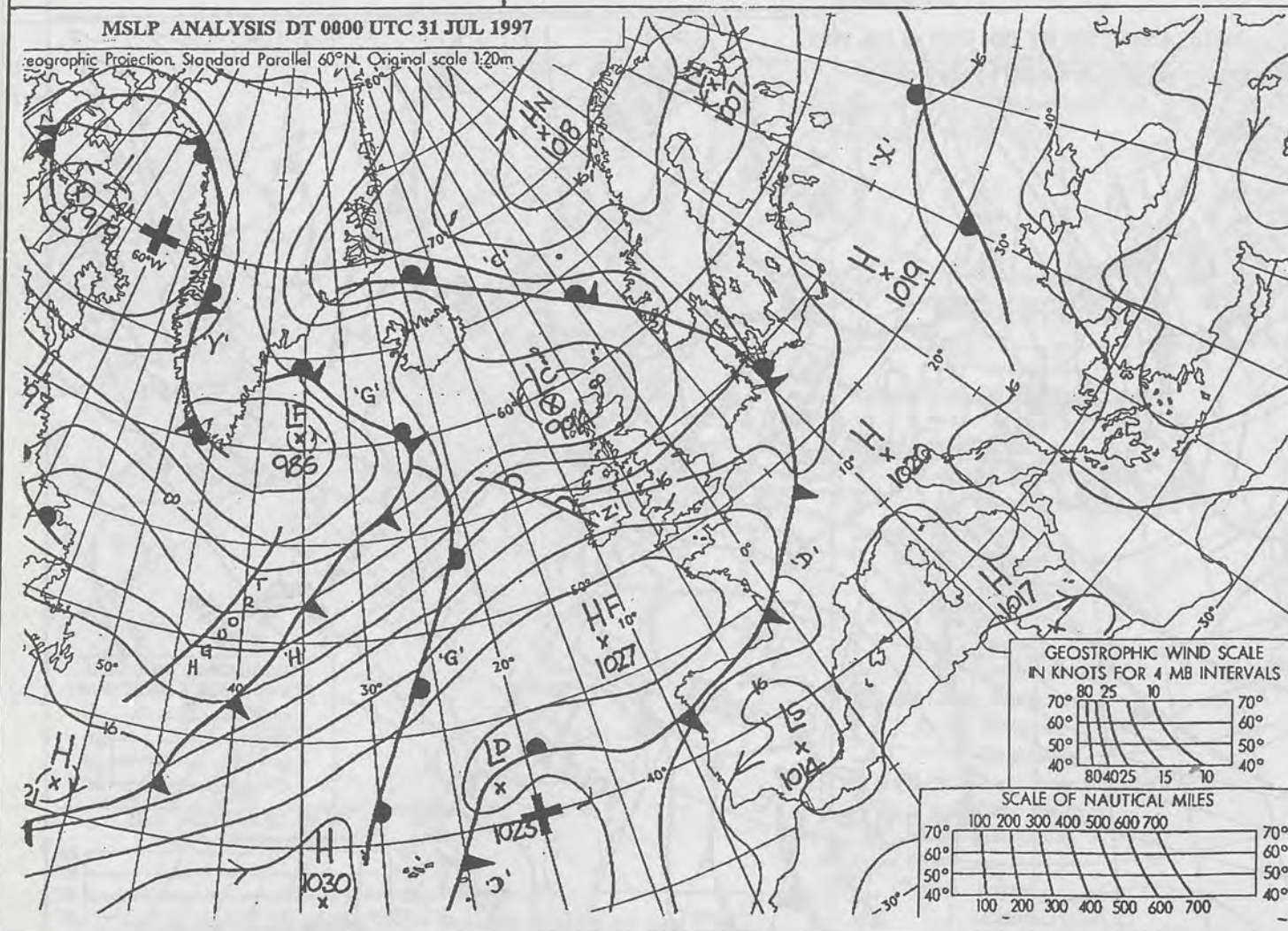
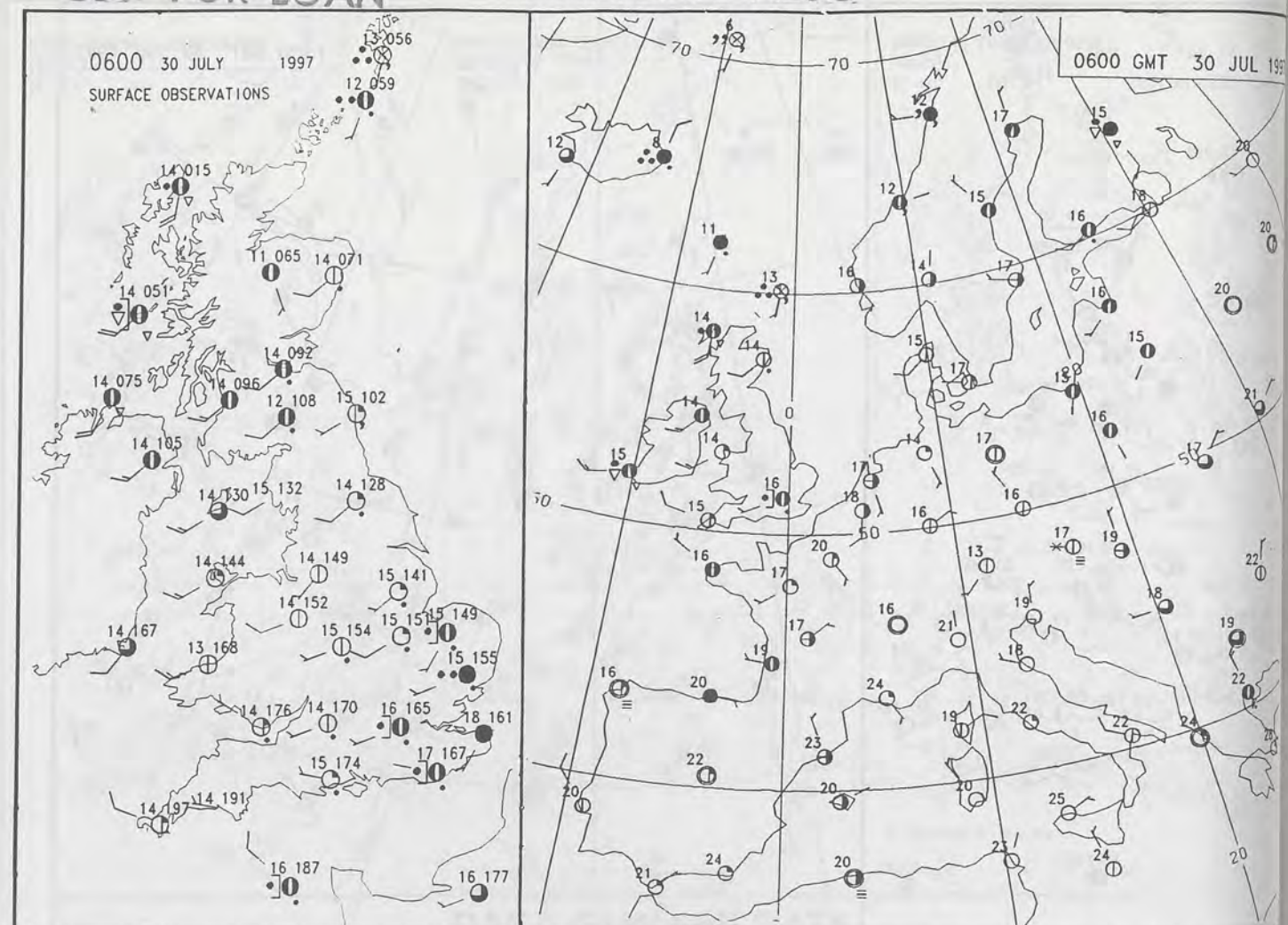
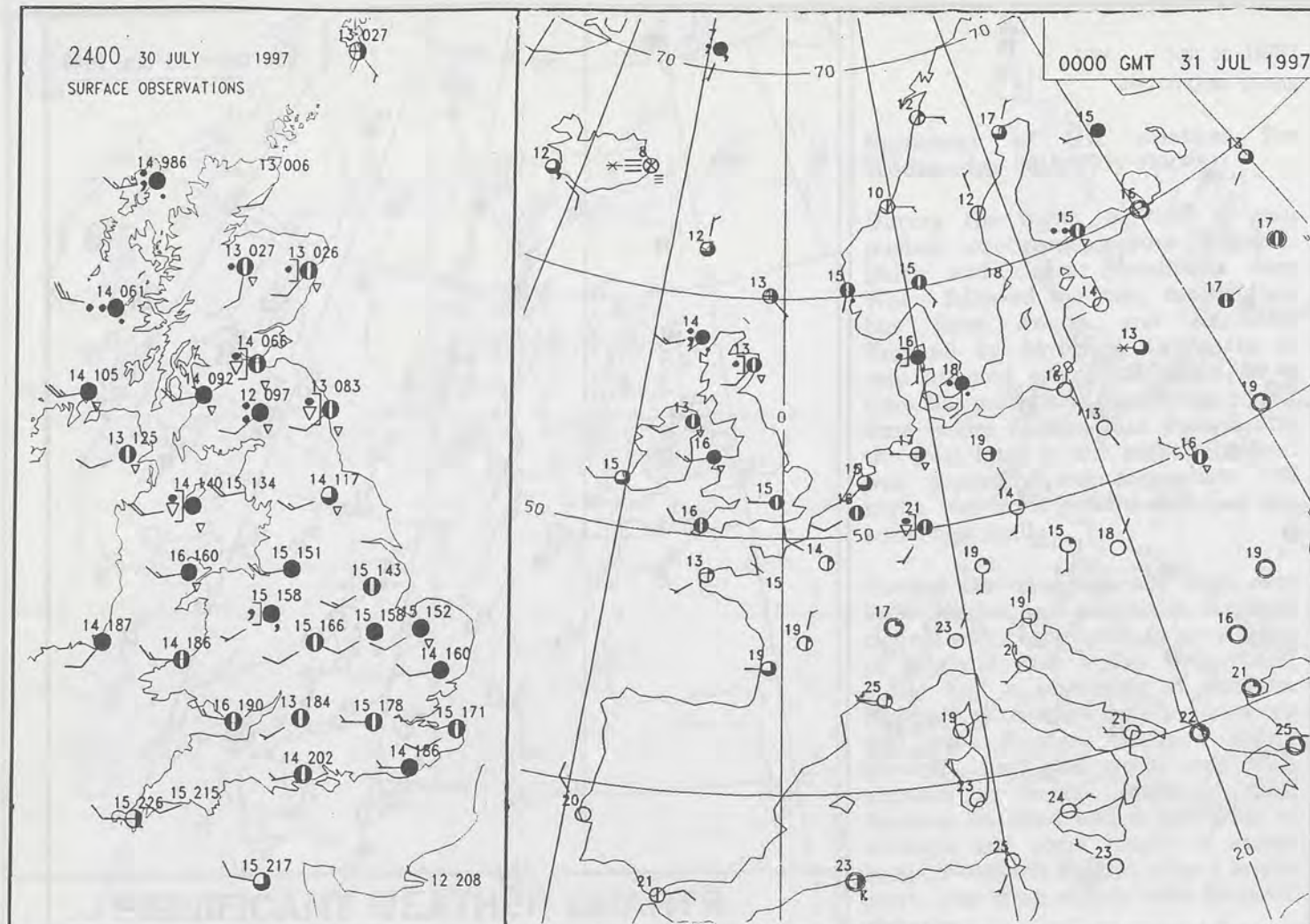
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NOT FOR LOAN

DUPLICATE ALSO



500 1000MB

HEIGHT DM.

T+0

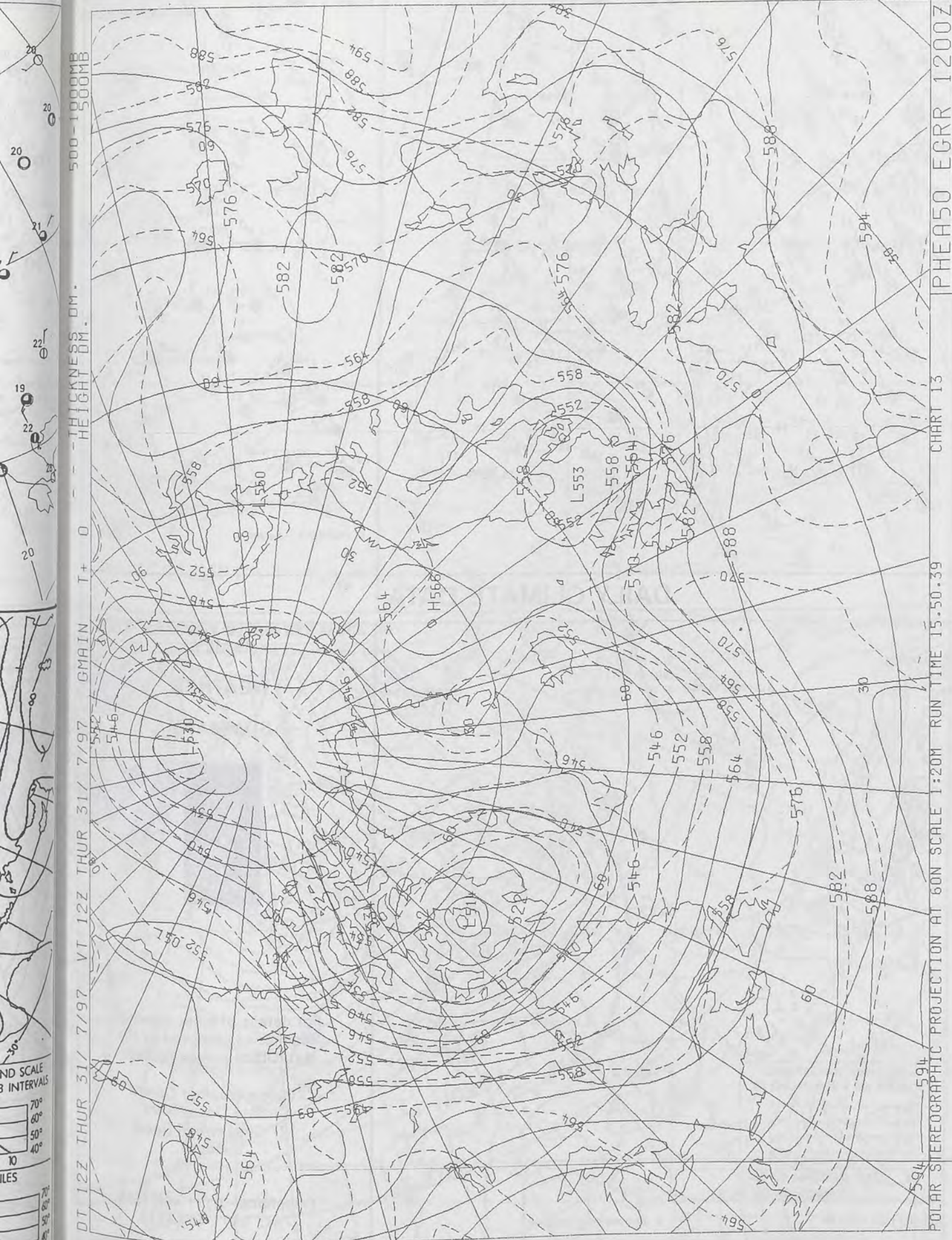
GMAT

VI 12Z THUR 31/ 7/97

DT 12Z THUR 31/ 7/97



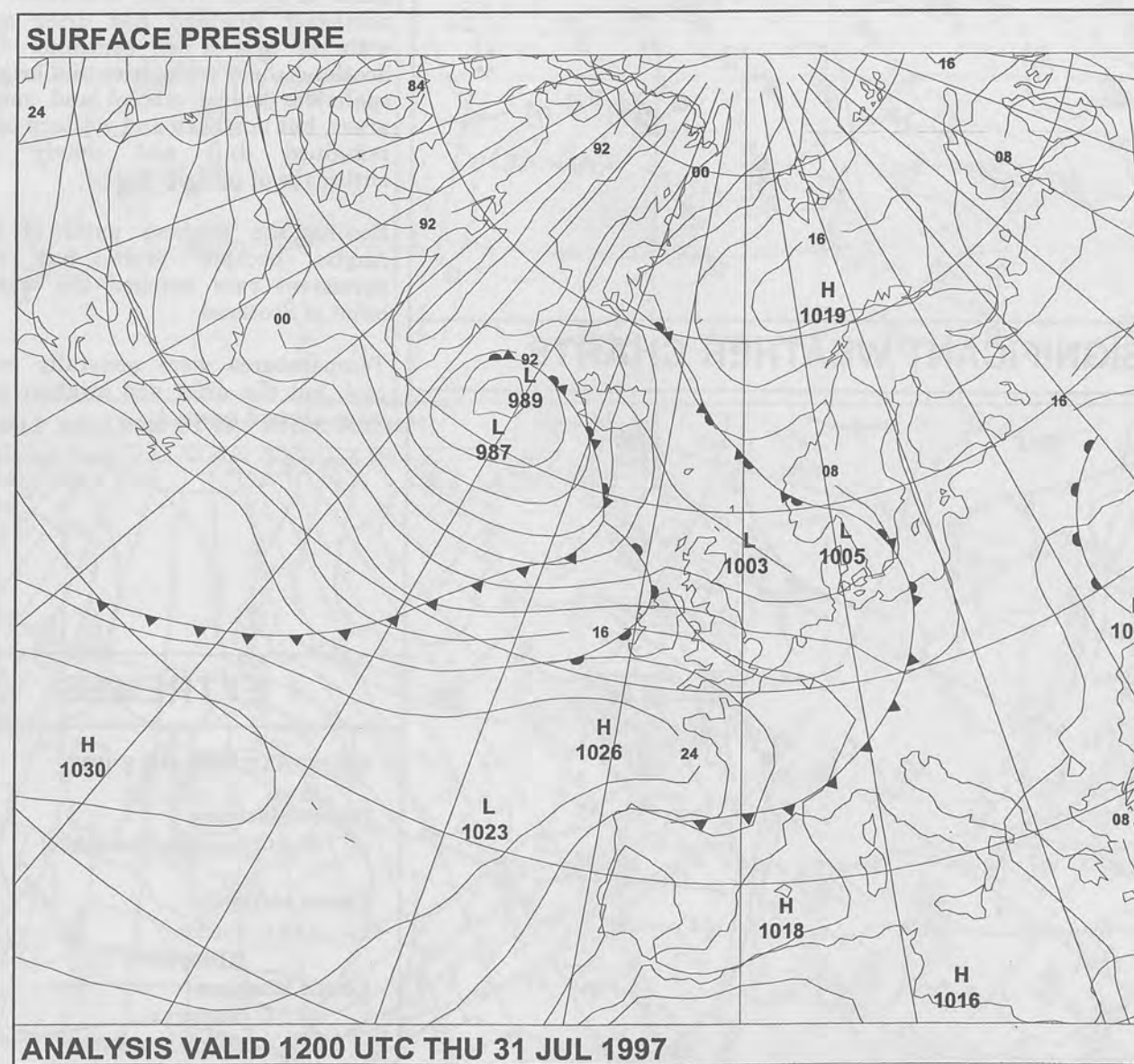
50 JUL 1997



# The Met. Office

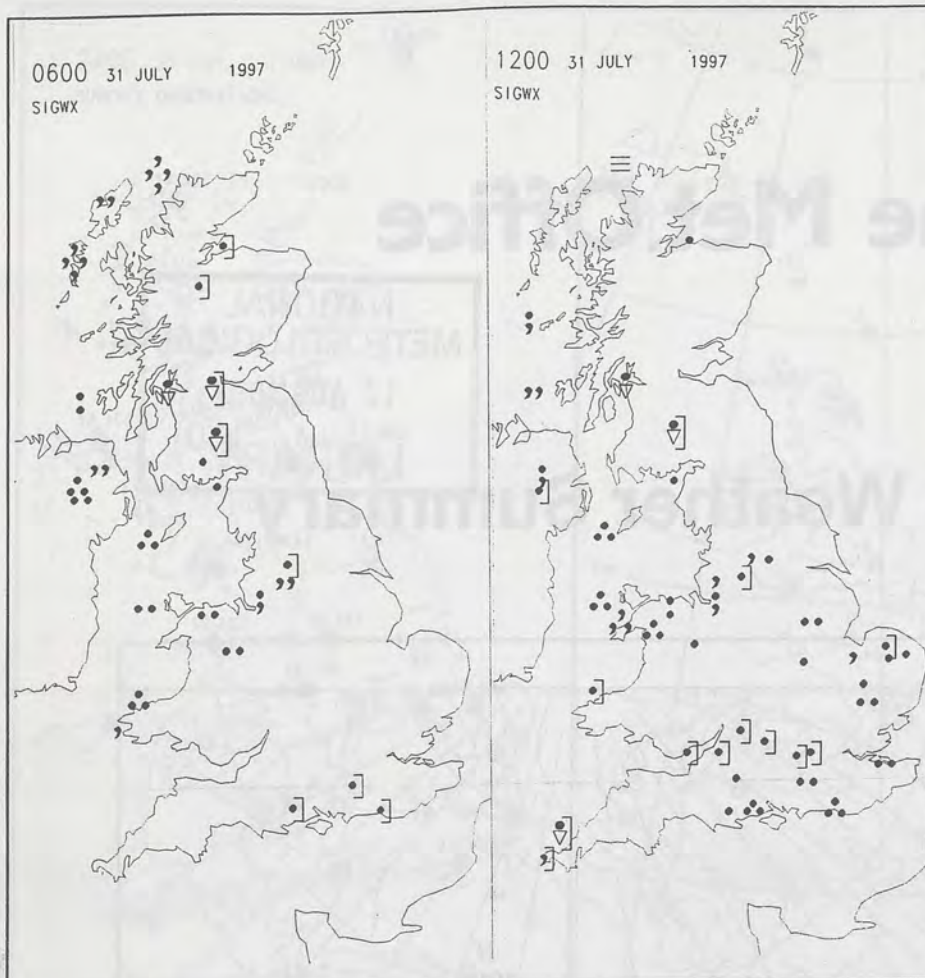
NATIONAL  
METEOROLOGICAL  
13 AUG 1997  
LIBRARY

## The Daily Weather Summary

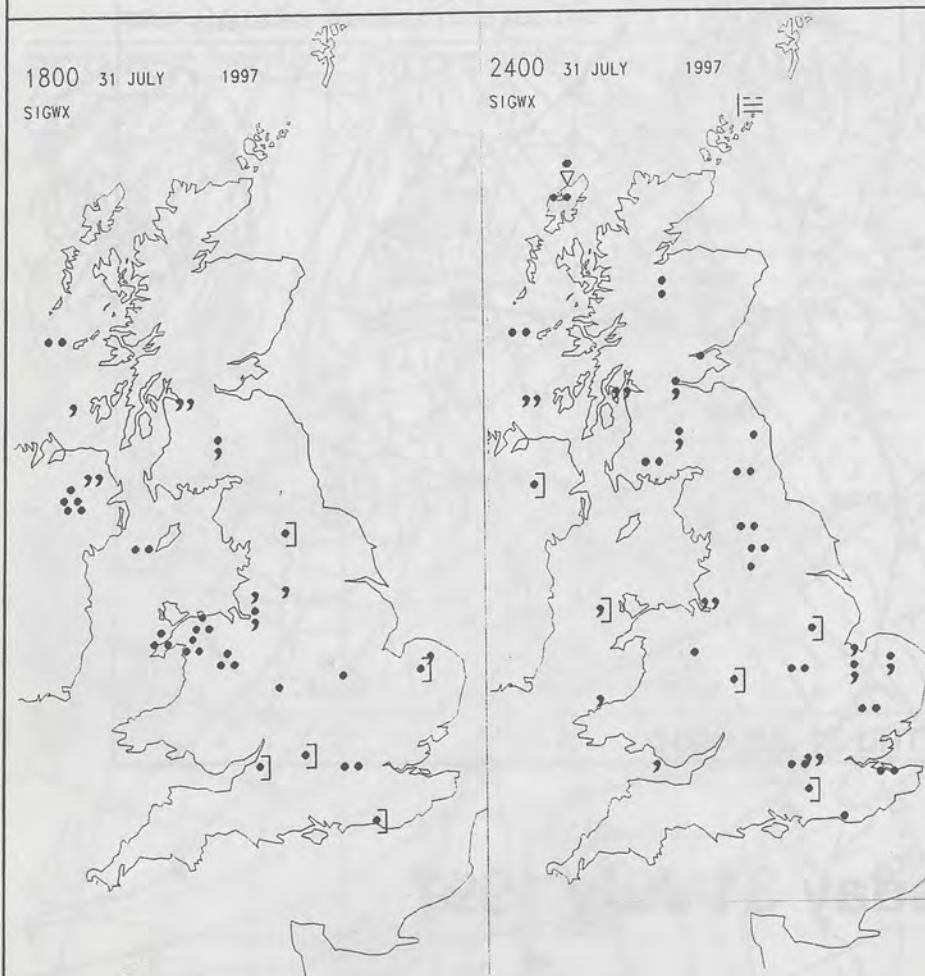


Thursday 31 July 1997





## SIGNIFICANT WEATHER CHARTS



Published by London Weather Centre. All times are GMT.

## Summary of UK weather for Thursday 31st July 1997

The night was warm, humid and rather cloudy across the whole of the United Kingdom. Outbreaks of rain, or drizzle, affected Scotland, Northern Ireland and northern parts of England. Towards dawn outbreaks of rain reached western parts of Wales and a few spots occurred along the south coast of England.

Much of England, Wales and Northern Ireland had outbreaks of rain throughout the day, with some heavier bursts over western hills. However, parts of south Wales, southwest and northeast England had drier spells with the best of any sunshine. Over Scotland there were drier and brighter spells for many central and eastern areas, but northern and western coasts remained dull and cloudy with outbreaks of rain all day.

During the evening parts of East Anglia became drier, but more persistent rain reached the western coast of Scotland.

Temperatures were generally rather cool, but the drier and brighter areas were around normal.

## EXTREMES

### THURSDAY 31ST JULY 1997

**Highest Maximum**  
: 23.7 C Southsea (Hampshire)

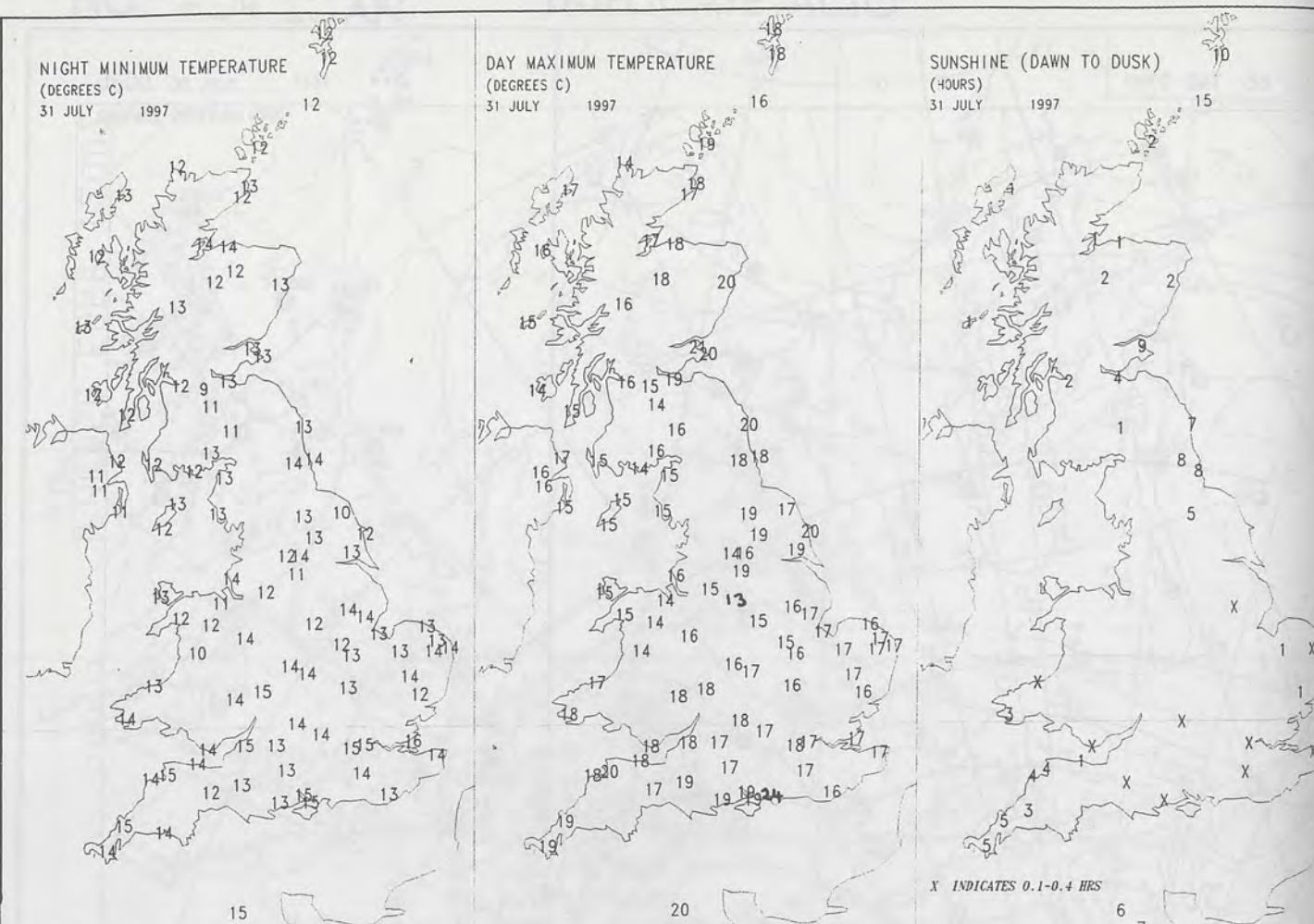
**Lowest Maximum**  
: 12.8 C Buxton (Derbyshire)

**Lowest Minimum**  
: 9.3 C Salsburgh (North Lanarkshire)

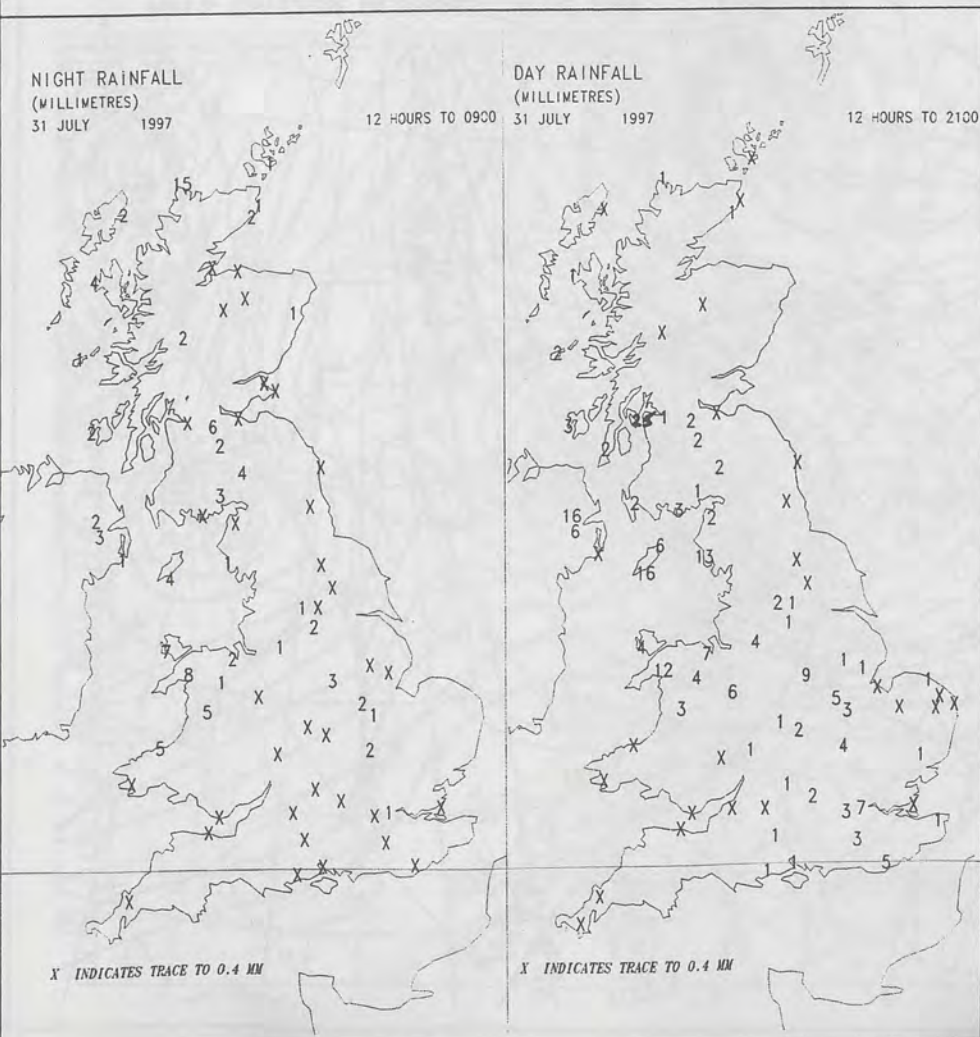
**Lowest Grass Minimum**  
: 5.7 C Fair Isle (Between Orkney and Shetland)

**Most Rain (24 hrs from 0900 GMT)**  
: 24.8 mm Greenock (Inverclyde)

**Most Sunshine**  
: 14.7 hrs Fair Isle (Between Orkney and Shetland)



## DAILY CLIMATE DATA



## DAILY WEATHER SUMMARY



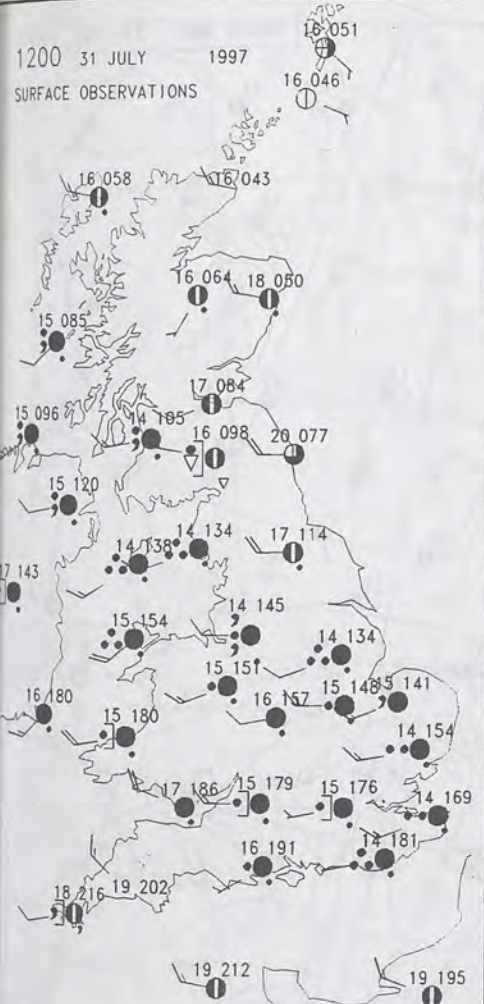
For details of other Weather Summaries produced by the Met. Office please contact:

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

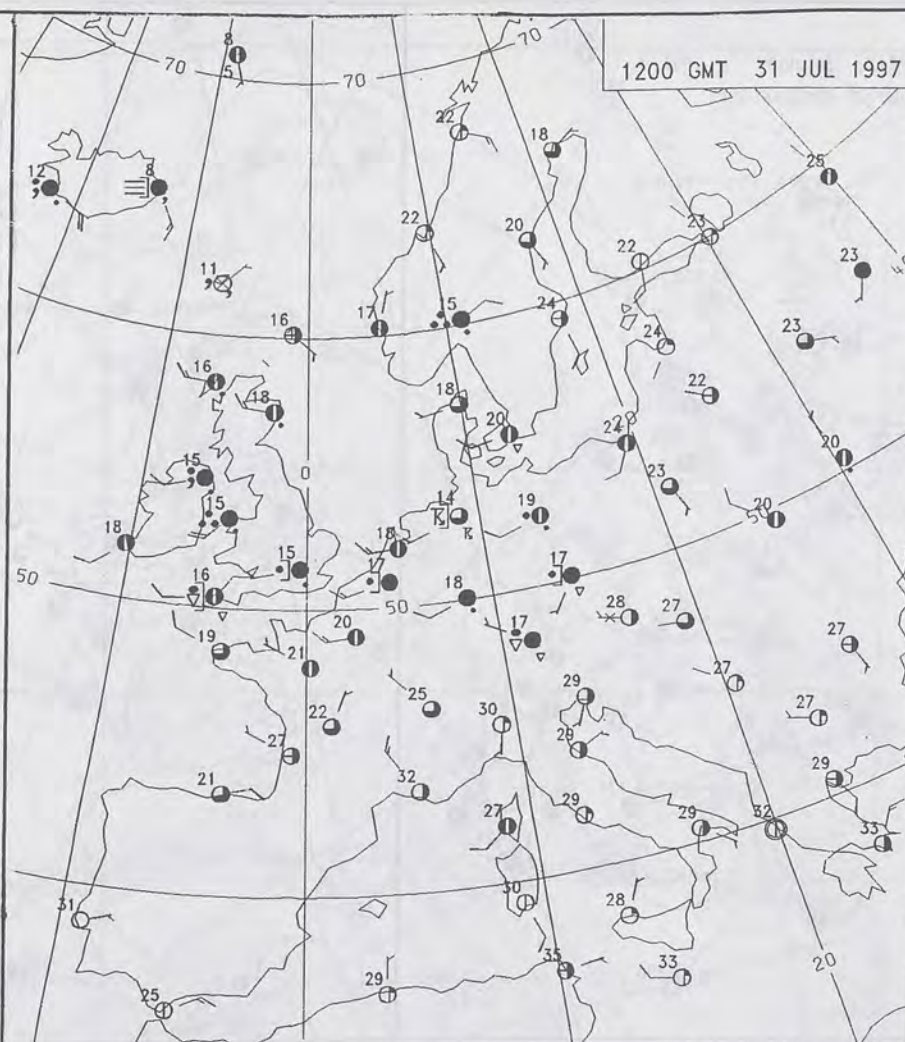
Telephone: 0171 405 4358  
Fax: 0171 404 4314



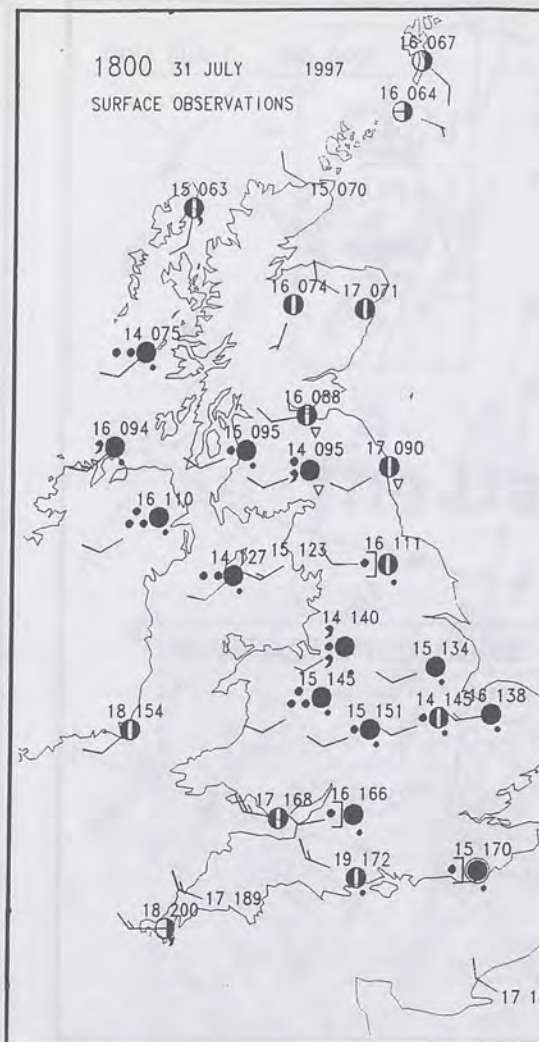
1200 31 JUL 1997  
SURFACE OBSERVATIONS



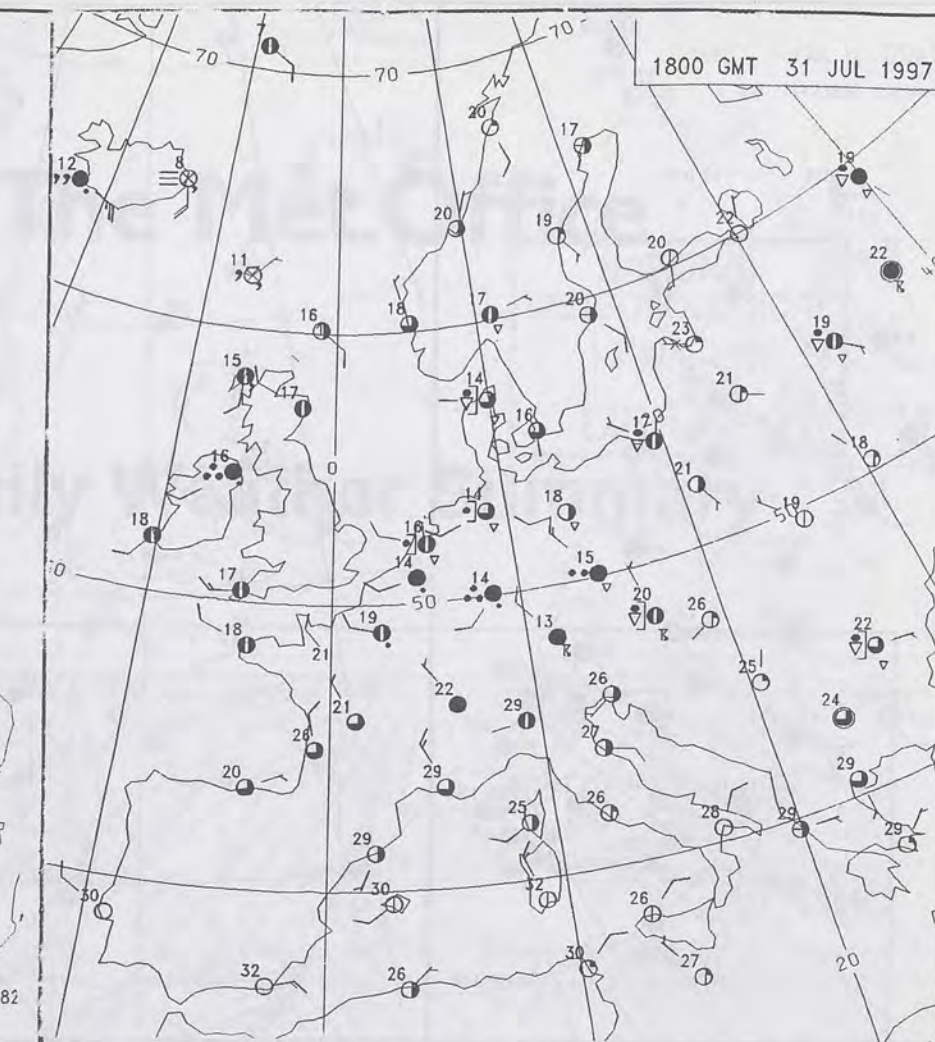
1200 GMT 31 JUL 1997



1800 31 JUL 1997  
SURFACE OBSERVATIONS

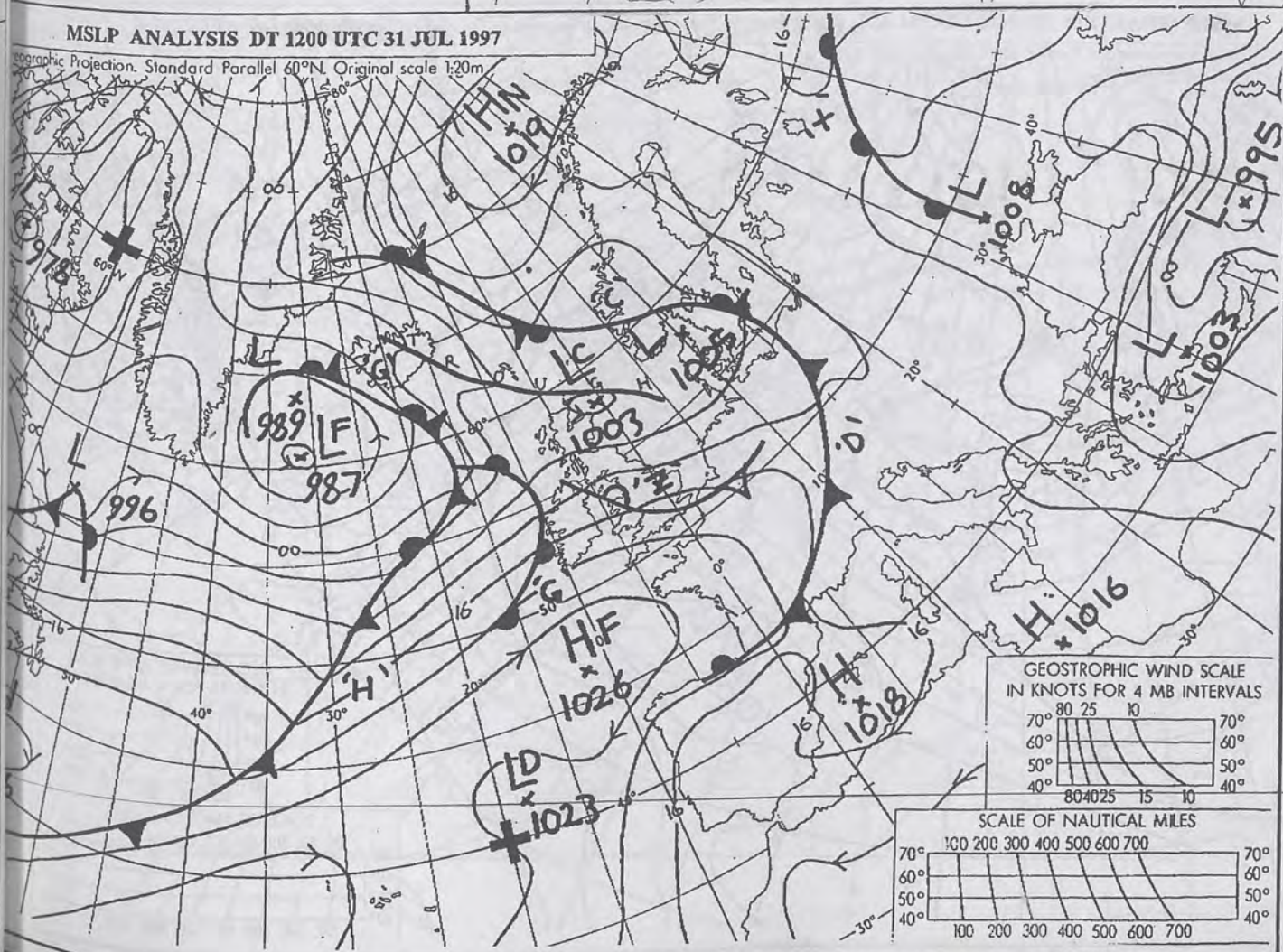


1800 GMT 31 JUL 1997



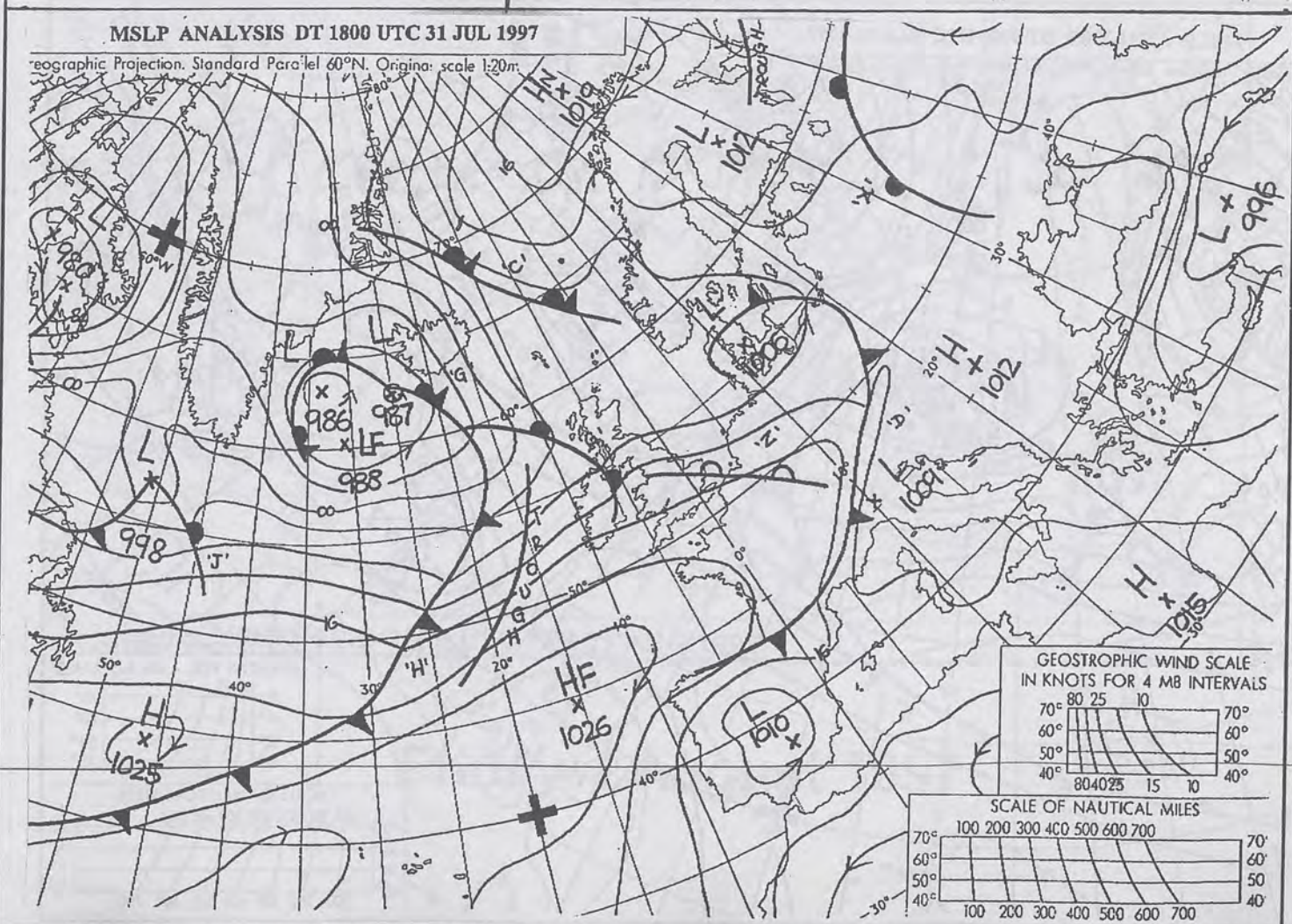
MSLP ANALYSIS DT 1200 UTC 31 JUL 1997

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



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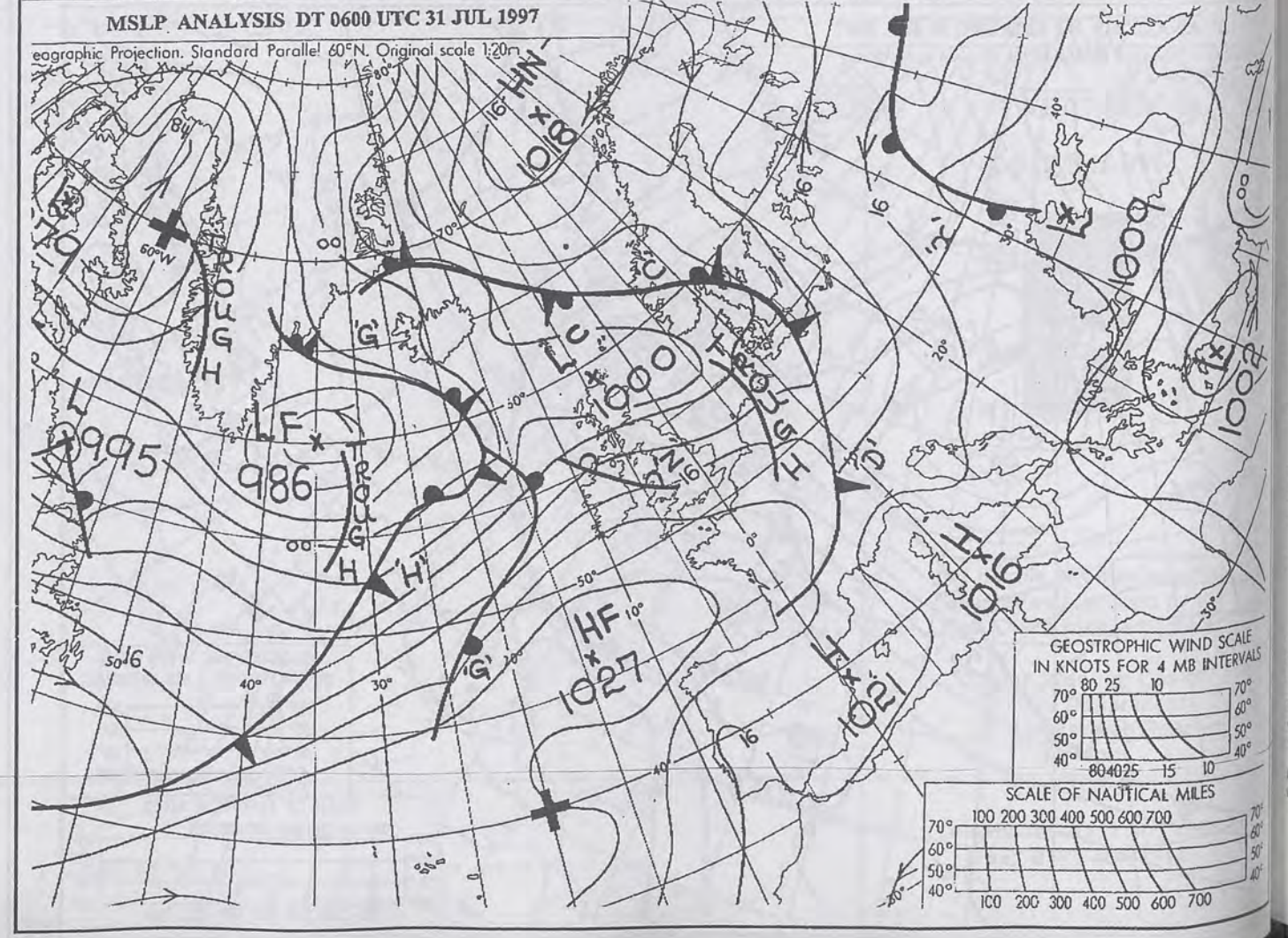
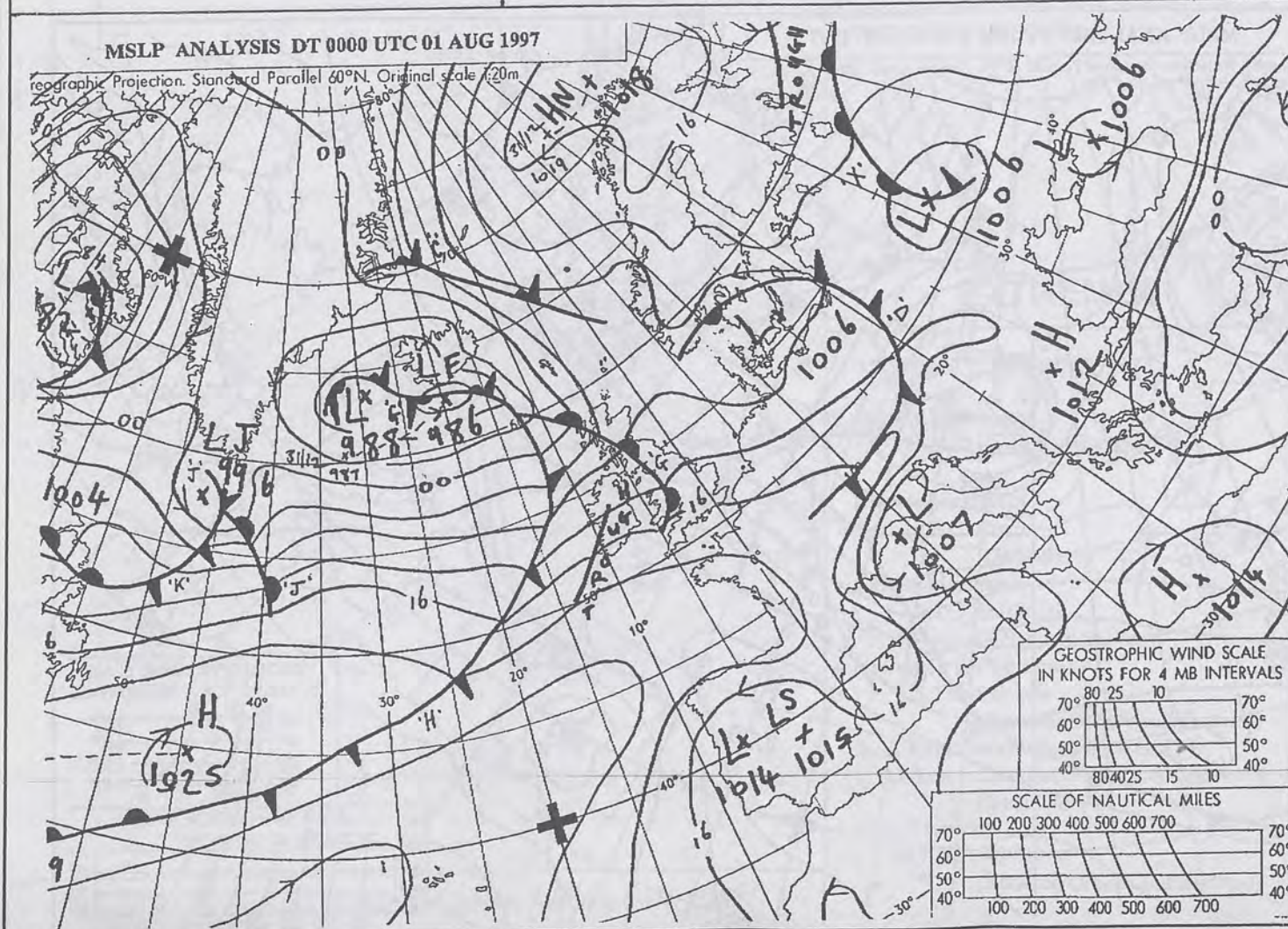
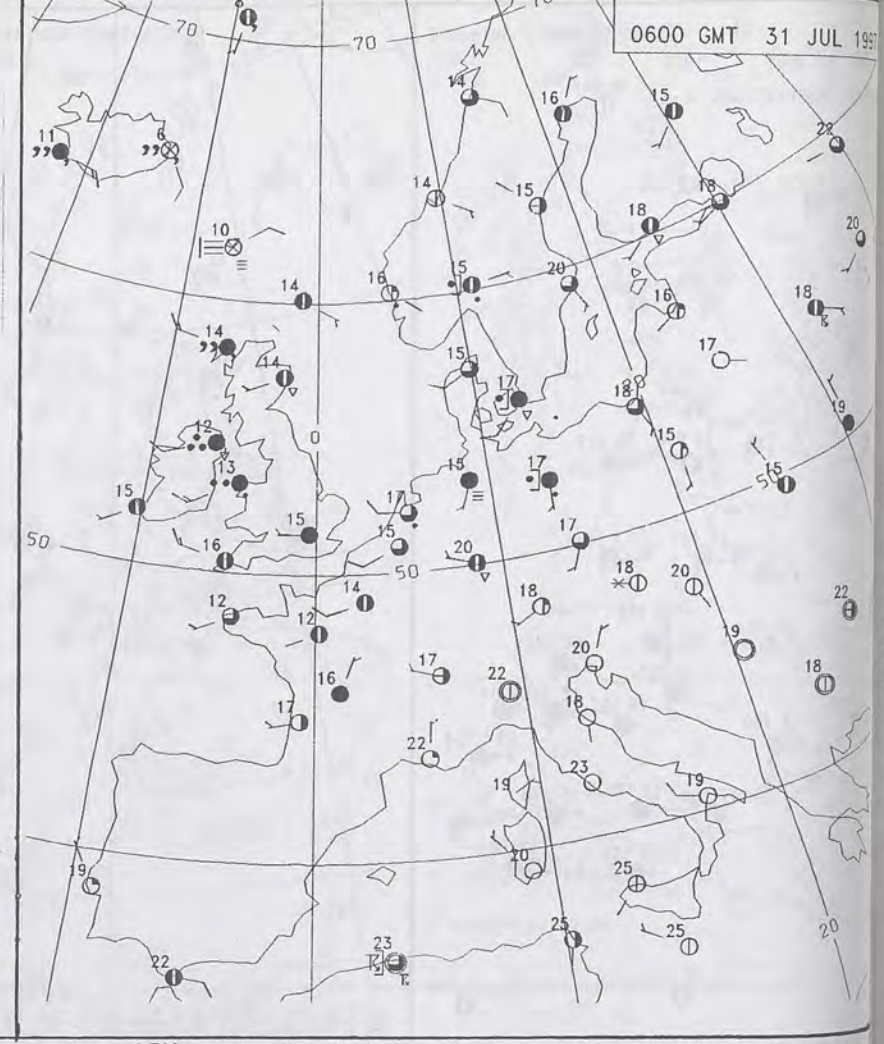
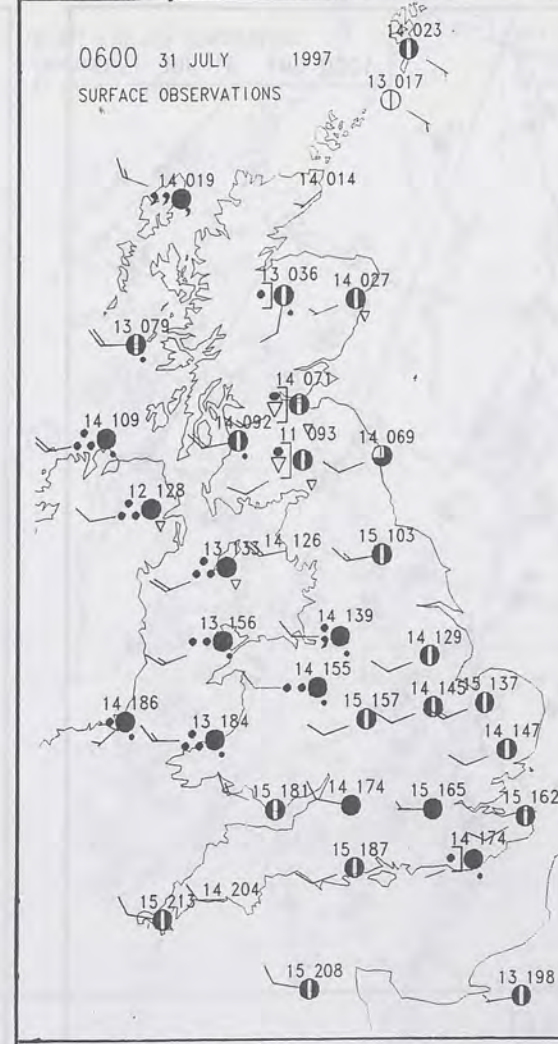
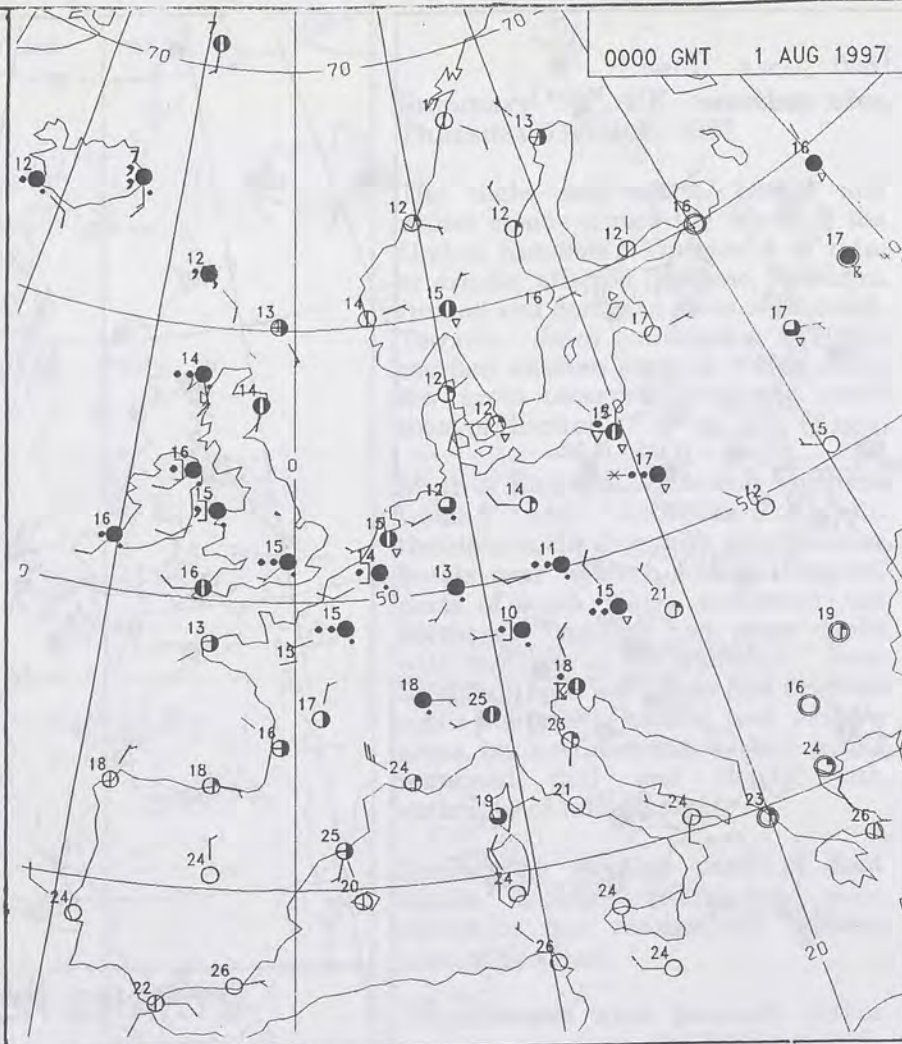
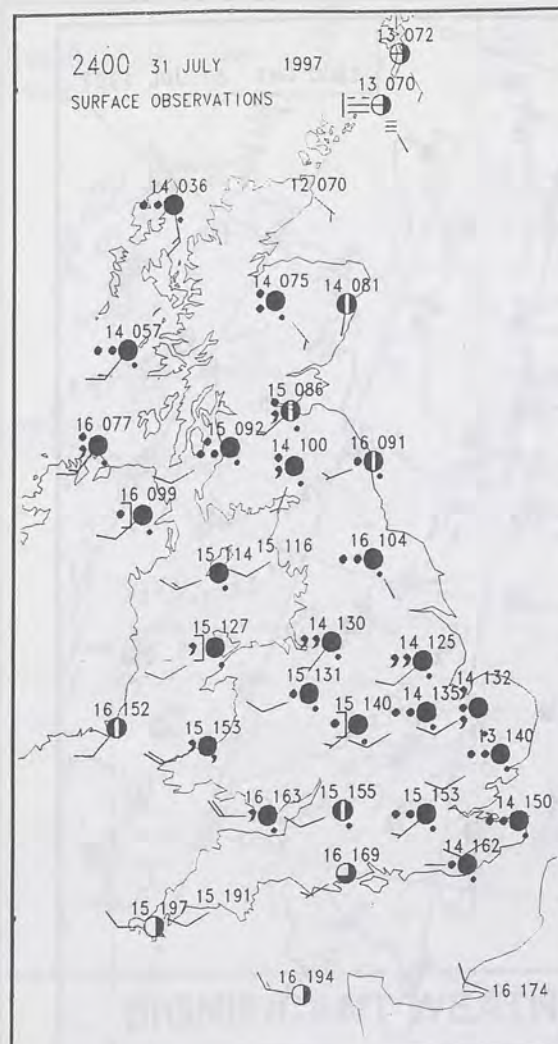
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NOT FOR LOAN

DUPLICATE ALSO



500-1000MB  
HEIGHT DM.  
T+ 0  
GRAIN  
1/ 8/97  
VI 122 FRI  
DT 122 FRI 1/ 8/97