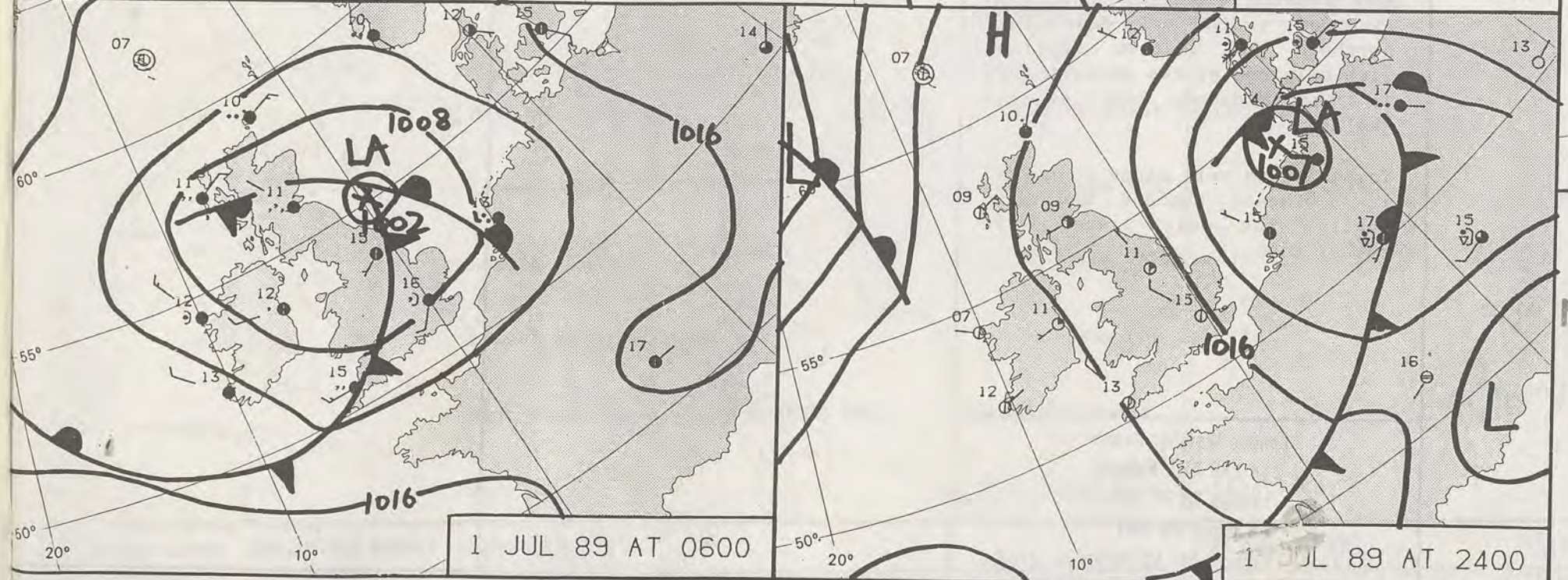
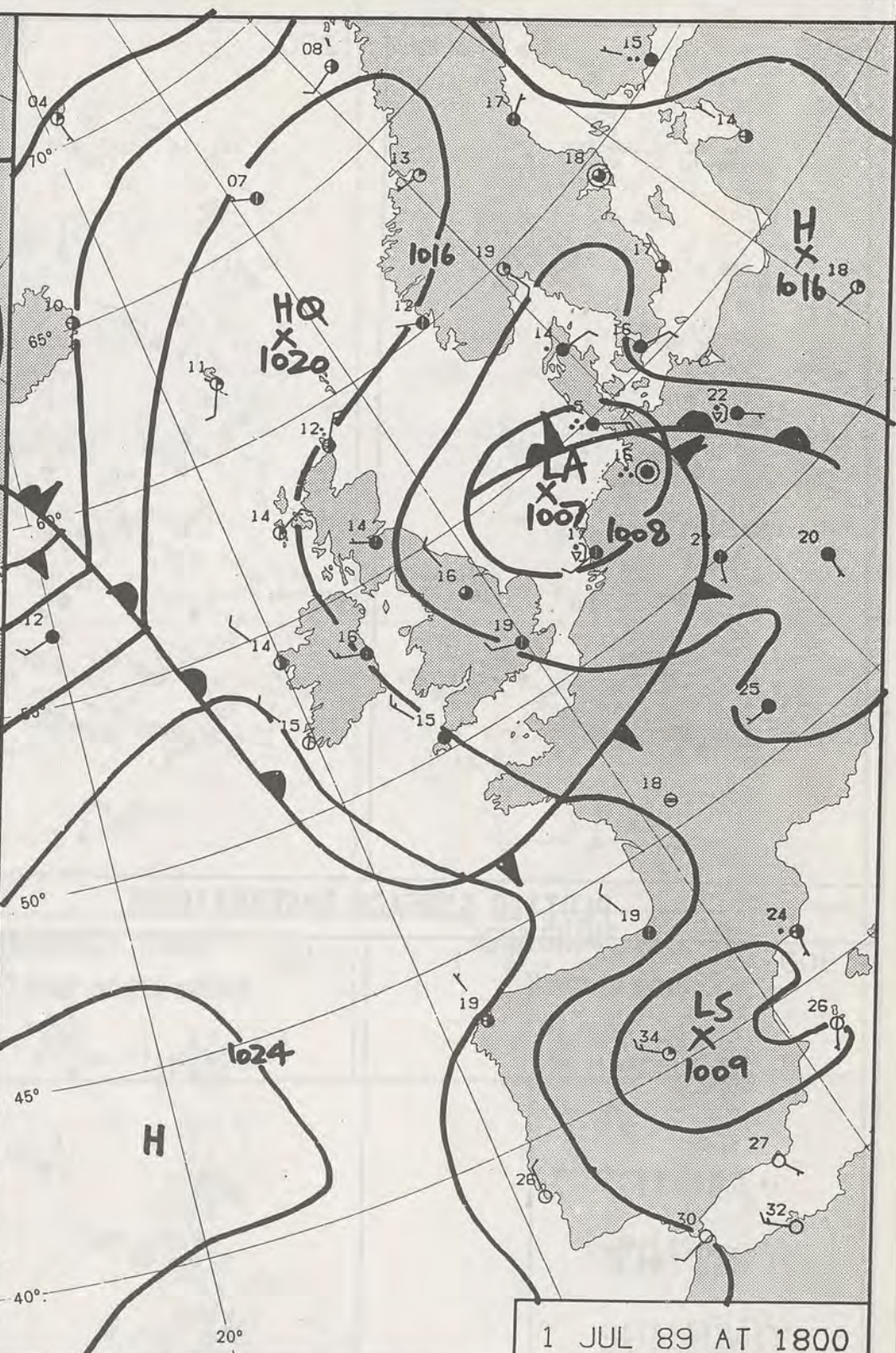


1 JUL 89 AT 1200



1 JUL 89 AT 0600



1 JUL 89 AT 1800

DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR

SATURDAY 1 JULY 1989

Warm front Cold front Occlusion

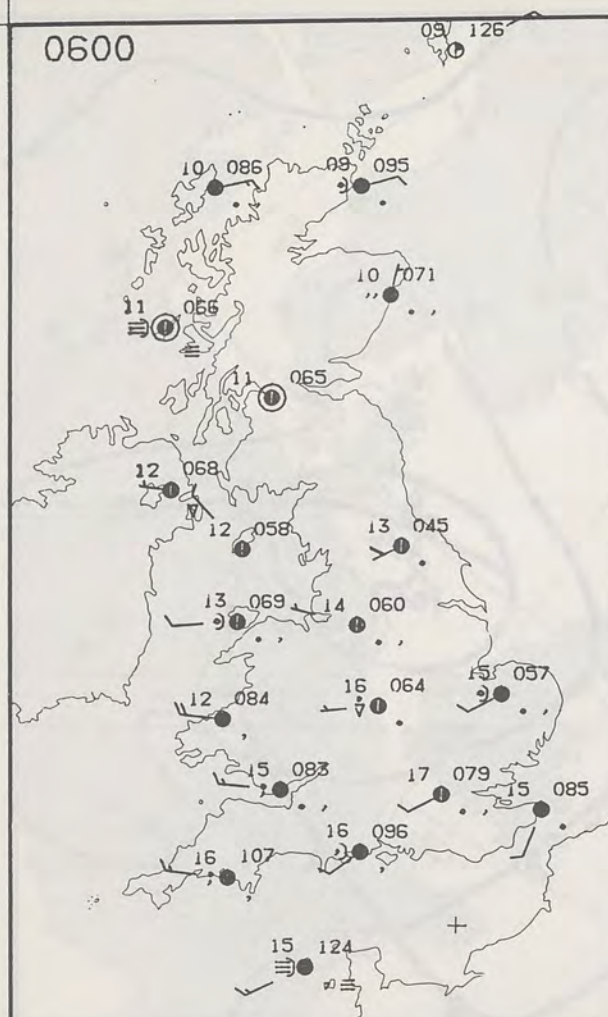
London Weather Centre 284-286 High Holborn London WC1V 7HX

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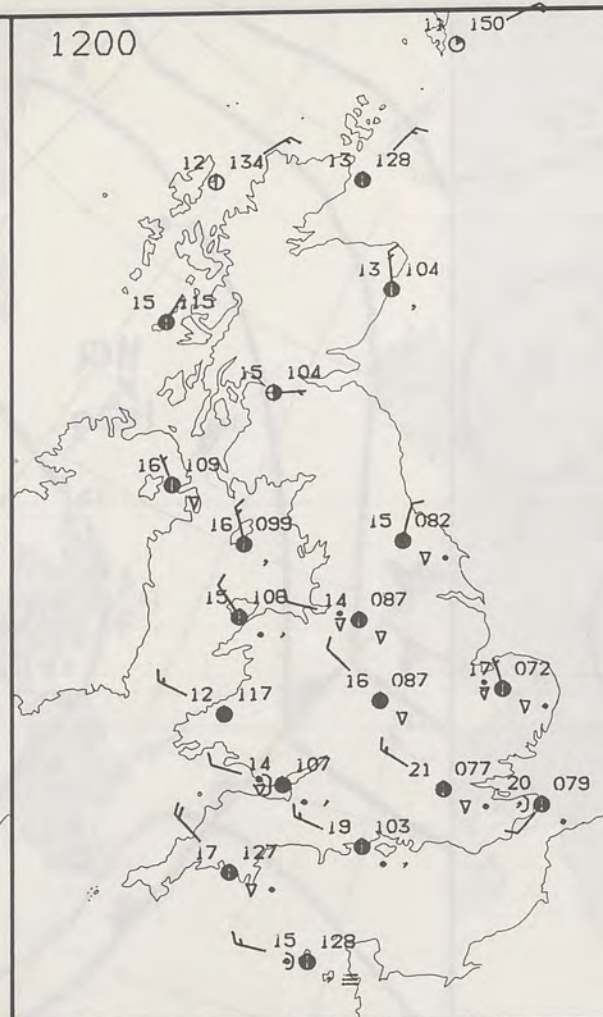




0600

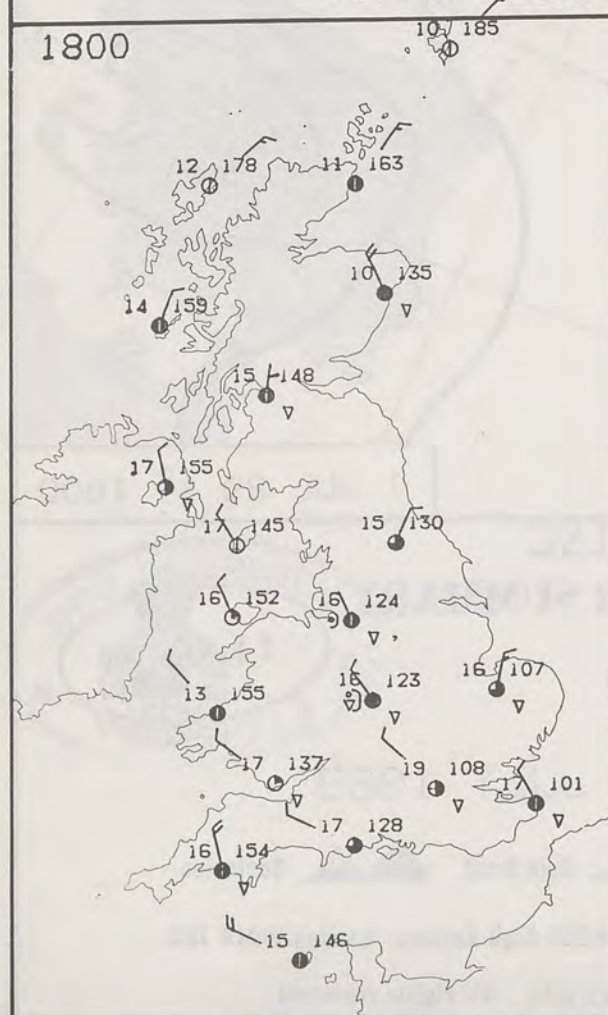


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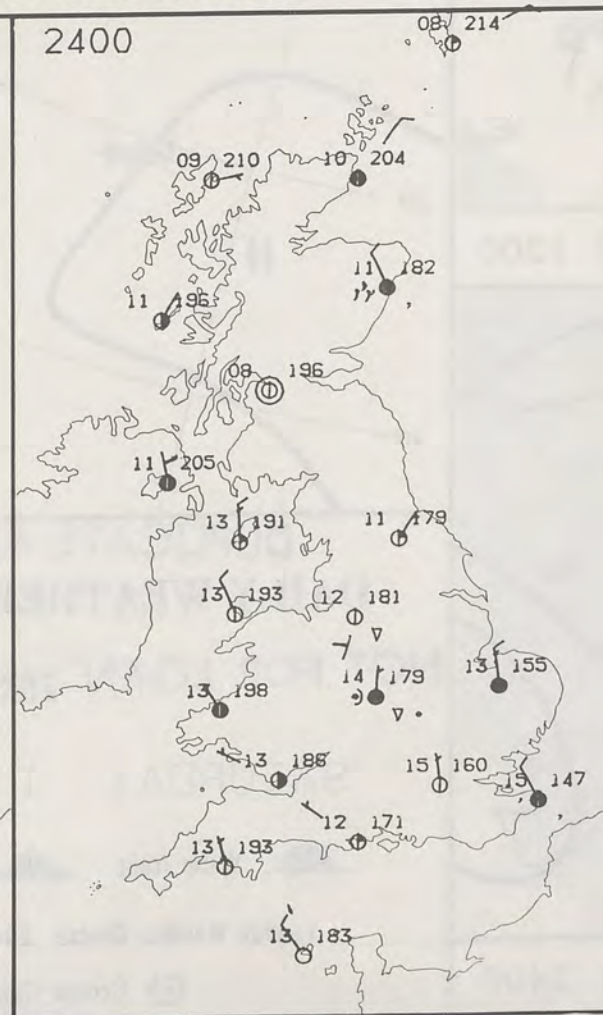


## PLOTTED SURFACE OBSERVATIONS

1800



2400

SATURDAY  
1 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

Most of the British Isles had a cloudy night with rain or showers. Parts of East Anglia, the North Midlands and northern England along with northern Scotland had a wet night. Over the North Midlands, north Norfolk and southern Lancashire much of the rain was heavy with an inch of rain in many places during the overnight period.

Most of the British Isles had a rather cloudy day although there were bright or sunny spells in many districts, the most persistent cloud affected northeast England and southeast Scotland, but Shetland had a sunny day. Most areas were affected by showers at some time in the day. The most frequent showers though were over the North Midlands and northern England, even so amounts of rain were mostly small.

Later in the afternoon and during the evening clearer conditions extended south and east from northern and western Scotland with only one or two showers left in the Midlands and eastern England.

Temperatures were close to normal in southeast England and East Anglia, but most places were rather cool.

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0600



1200



## SIGNIFICANT WEATHER CHARTS

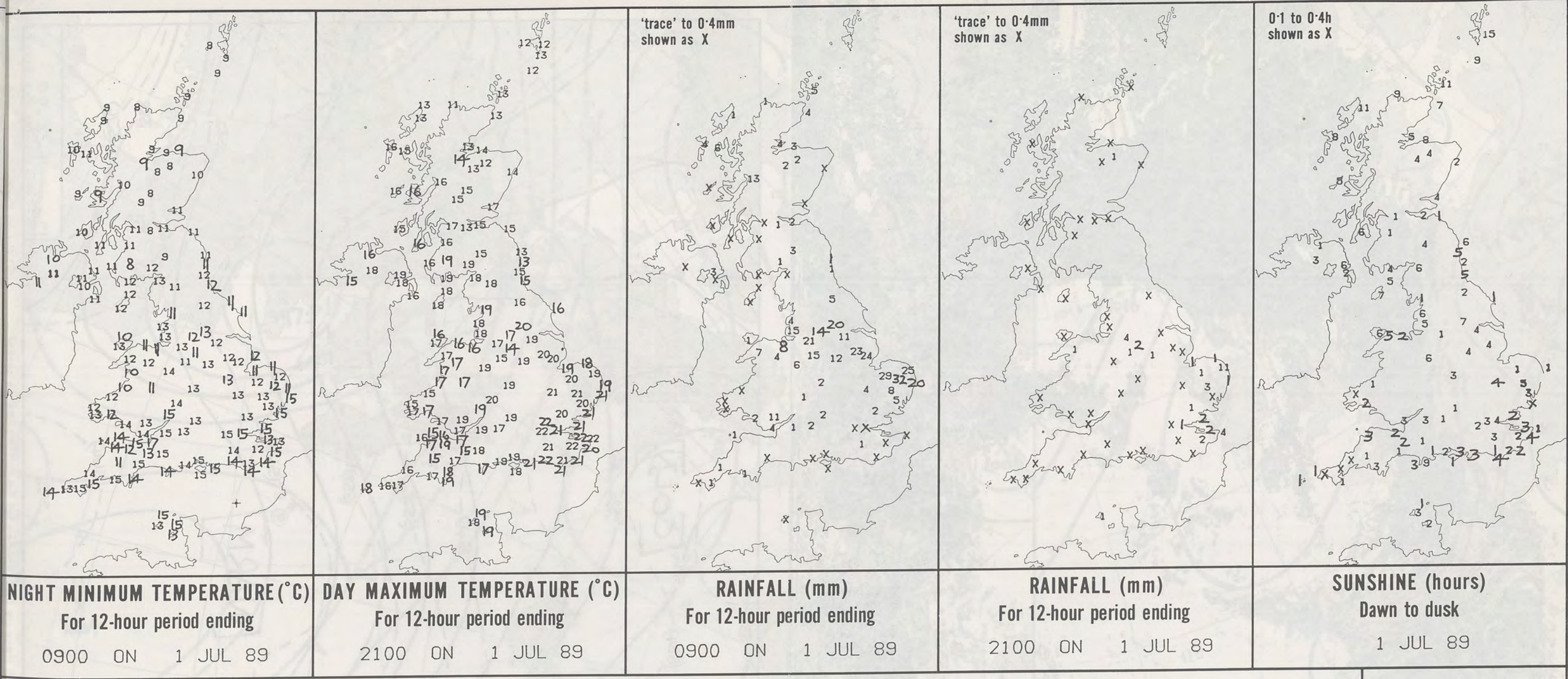
1800



2400







EXTREMES FOR SATURDAY 1ST JULY 1989

Highest maximum	:	22.4°C Northolt (London)
Lowest maximum	:	10.7°C Cape Wrath
Lowest minimum	:	8.0°C Foula (Shetland)
Lowest grass minimum	:	4.4°C Orsay (on Islay)
Most rain (24 hours from 0900 GMT)	:	16.5 mm Cromer
Most sun	:	15.3 hours Lerwick (Shetland)

**DAILY  
WEATHER  
SUMMARY**

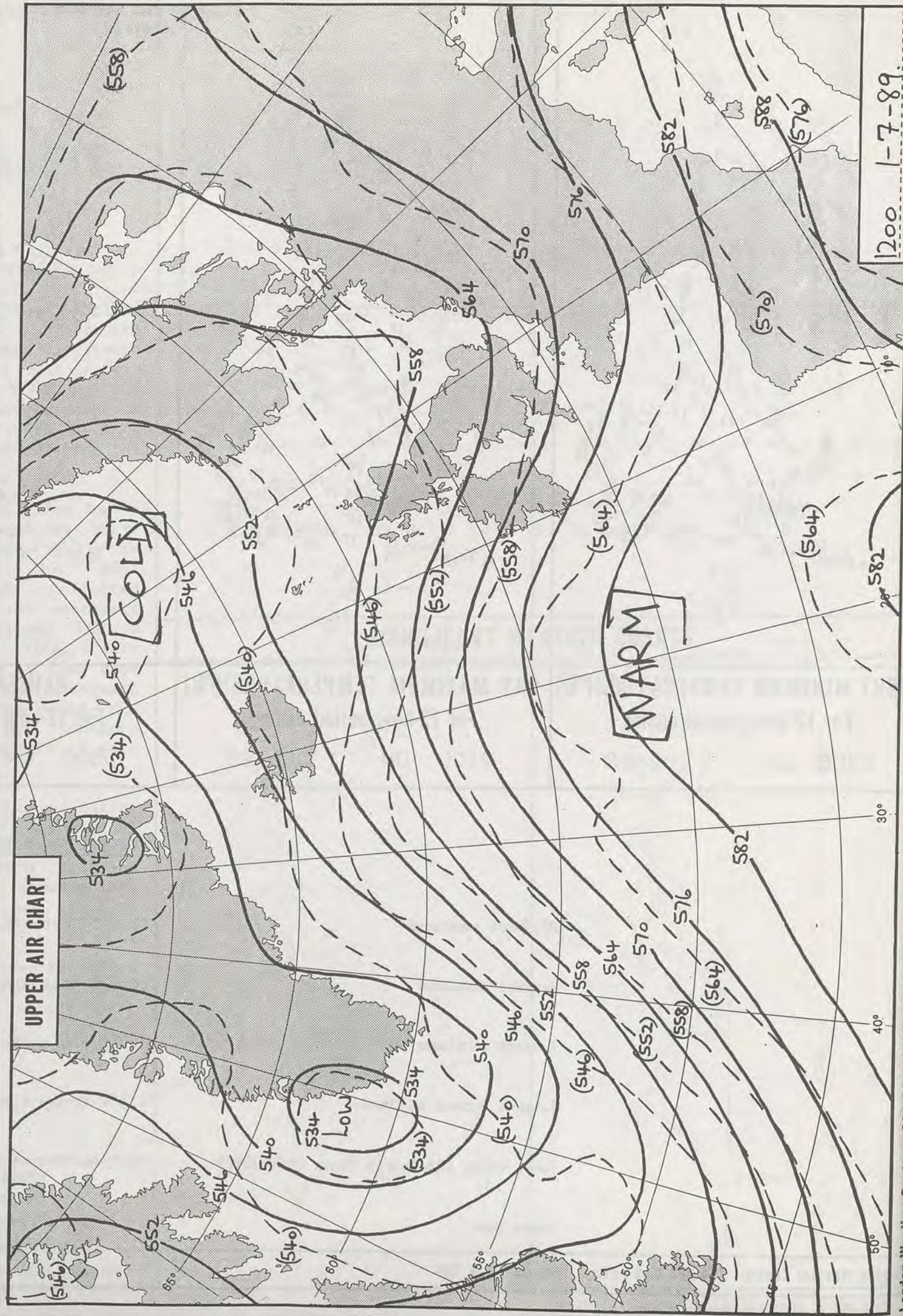


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117/89 N15 1237Z

UPPER AIR CHART





1200 1-7-89

582

30°

40°

50°

60°

70°

80°

90°

100°

110°

120°

130°

140°

150°

160°

170°

180°

190°

200°

210°

220°

230°

240°

250°

260°

270°

280°

290°

300°

310°

320°

330°

340°

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370°

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2140°

2150°

2160°

2170°

2180°

2190°

2200°

2210°

2220°

2230°

2240°

2250°

2260°

2270°

2280°

2290°

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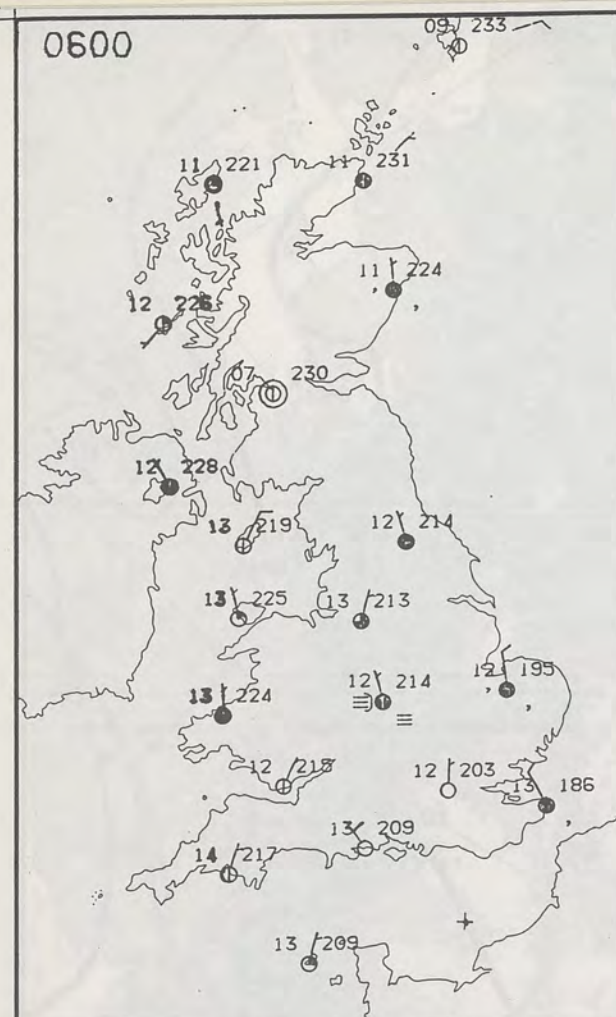
3030°

3040°

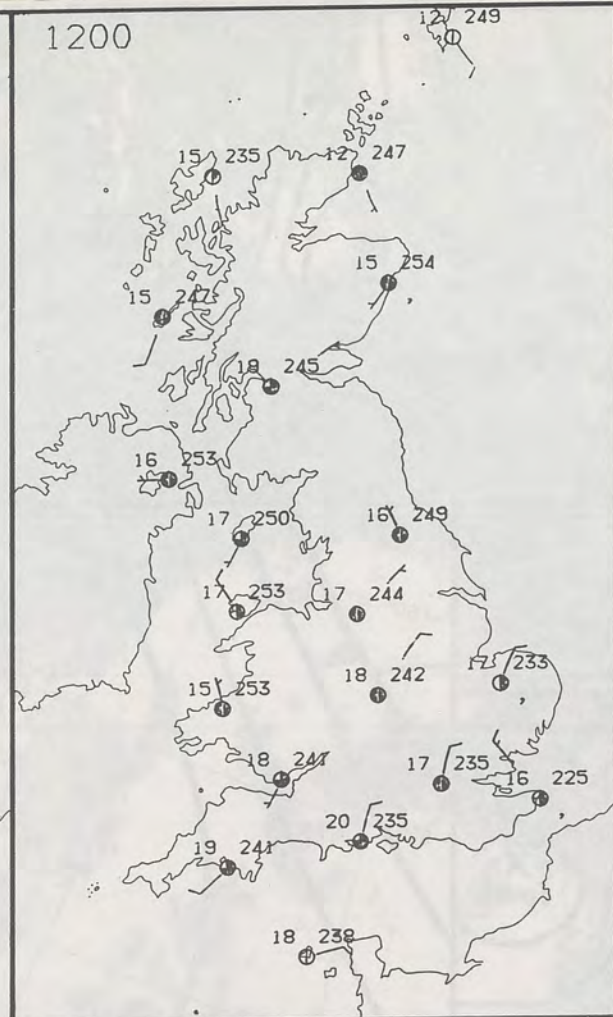
3050°



0600

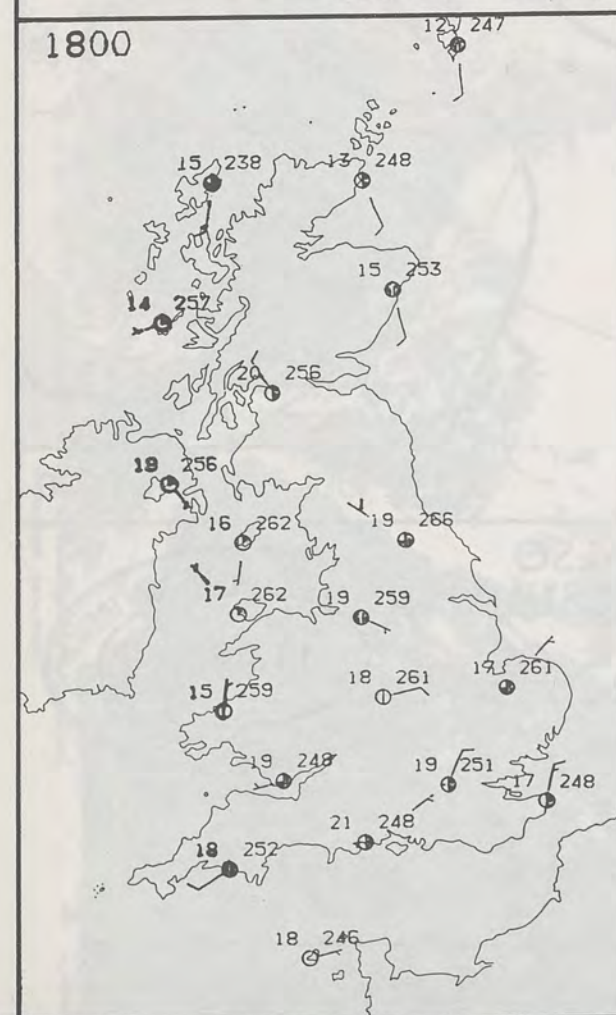


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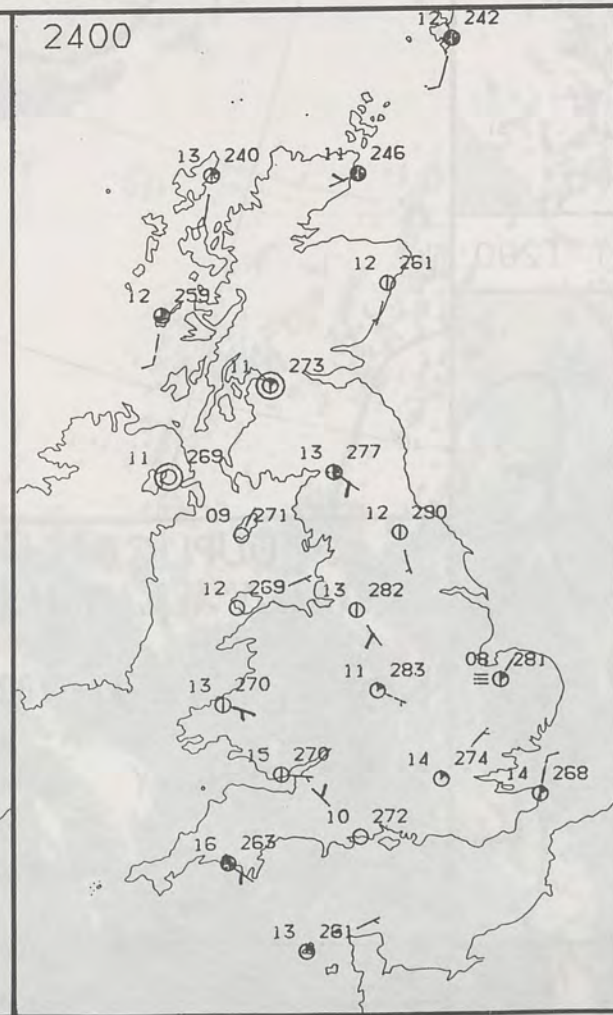


## PLOTTED SURFACE OBSERVATIONS

1800



2400

SUNDAY  
2 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

Most of the British Isles had a dry and clear night but cloud near eastern coasts of England and Wales produced patchy light drizzle, mainly in East Anglia.

During the day quite a lot of cloud sprang up and parts of the East Midlands and Yorkshire were very cloudy for a time in the middle of the day. Most places though had some sunshine but northern, western and central Scotland had a sunny day along with Wales, western and southern coastal counties of England. Virtually the whole of the British Isles remained dry during daylight hours.

Temperatures were near normal generally but parts of Northern Ireland and central Scotland became warm in the afternoon.

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0600



1200



## SIGNIFICANT WEATHER CHARTS

1800



2400

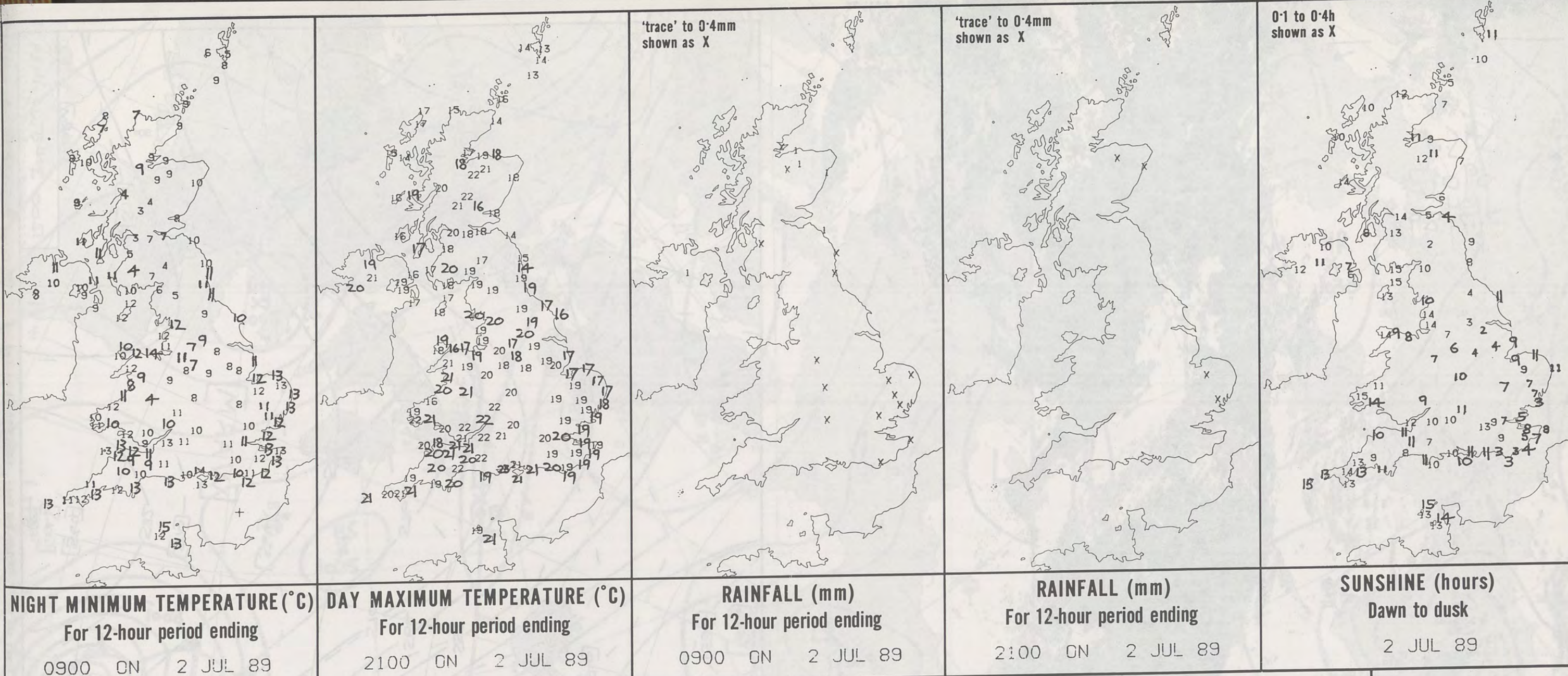


NIGHT

0

London





**EXTREMES FOR SUNDAY 2ND JULY 1989**

Highest maximum	: 22.6°C Bournemouth/Hurn
Lowest maximum	: 12.5°C Fair Isle
Lowest minimum	: 2.8°C Killin (Loch Tay)
Lowest grass minimum	: -2.5°C Killin (Loch Tay)
Most rain (24 hours from 0900 GMT)	: 0.2 mm Glenlivet (Grampian)
Most sun	: 15.4 hours Whithorn (Dumfries & Galloway)

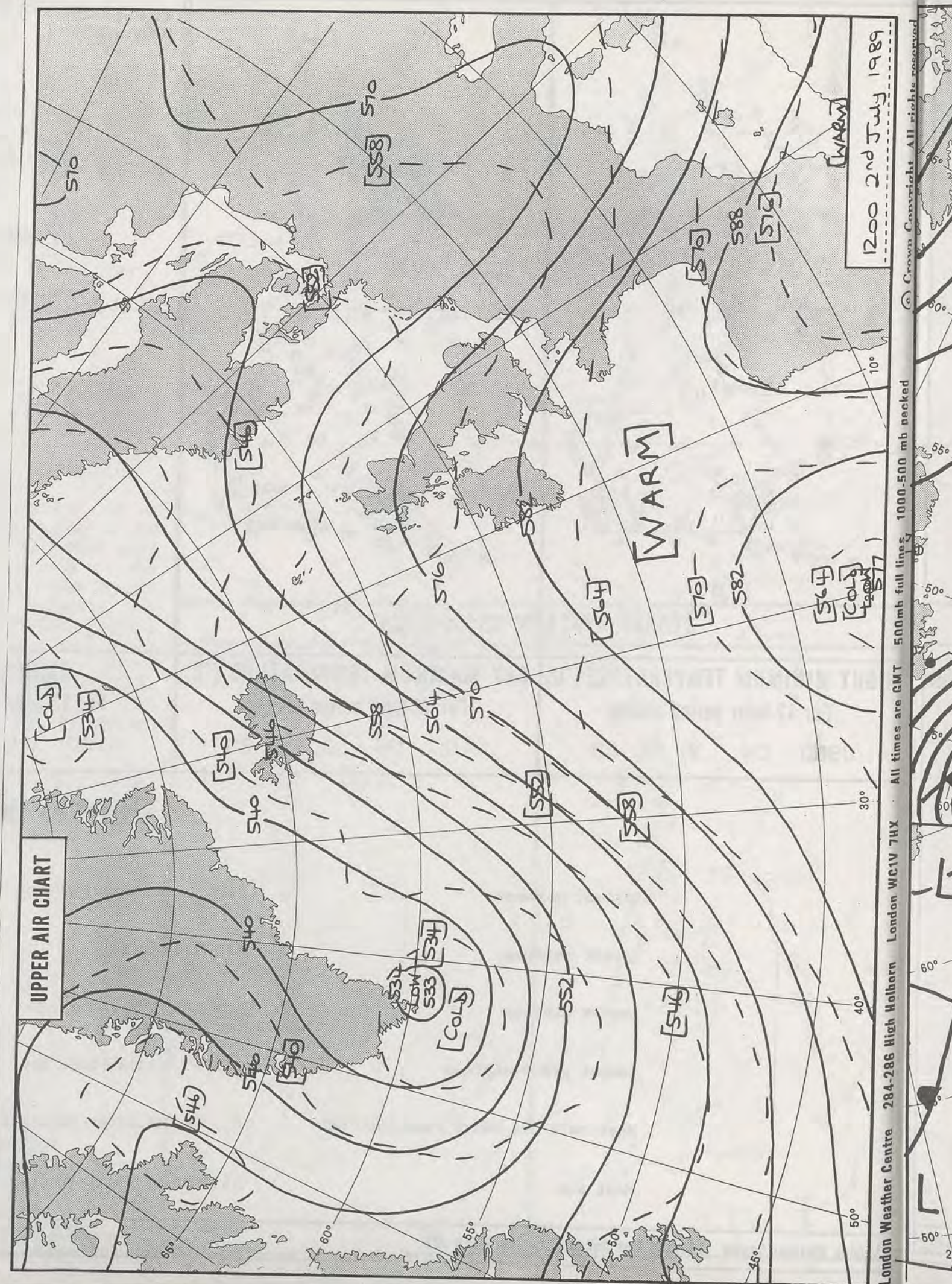
**DAILY  
WEATHER  
SUMMARY**



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VIS  
0901Z  
2/7/89





1200 2nd July 1989

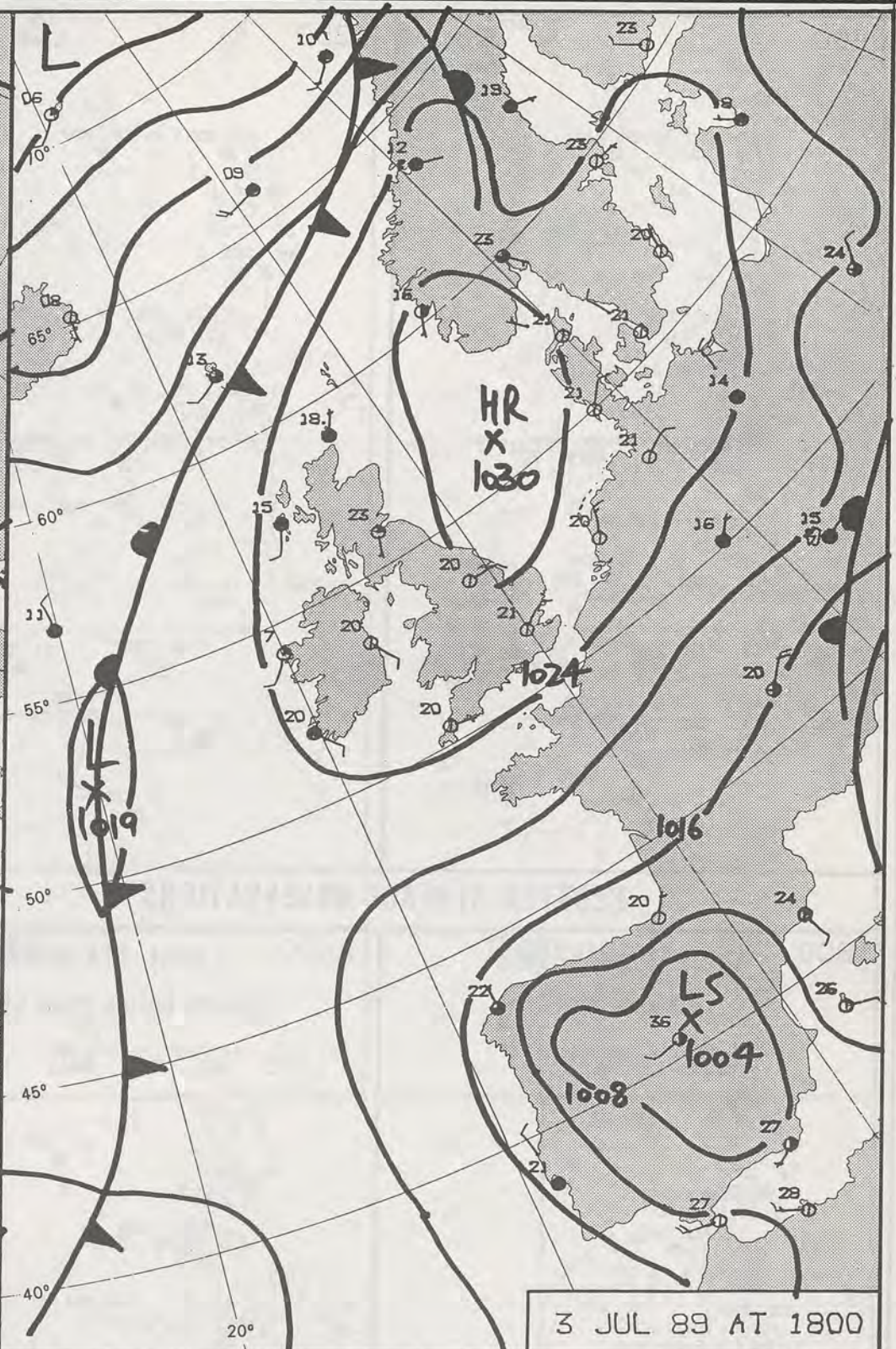
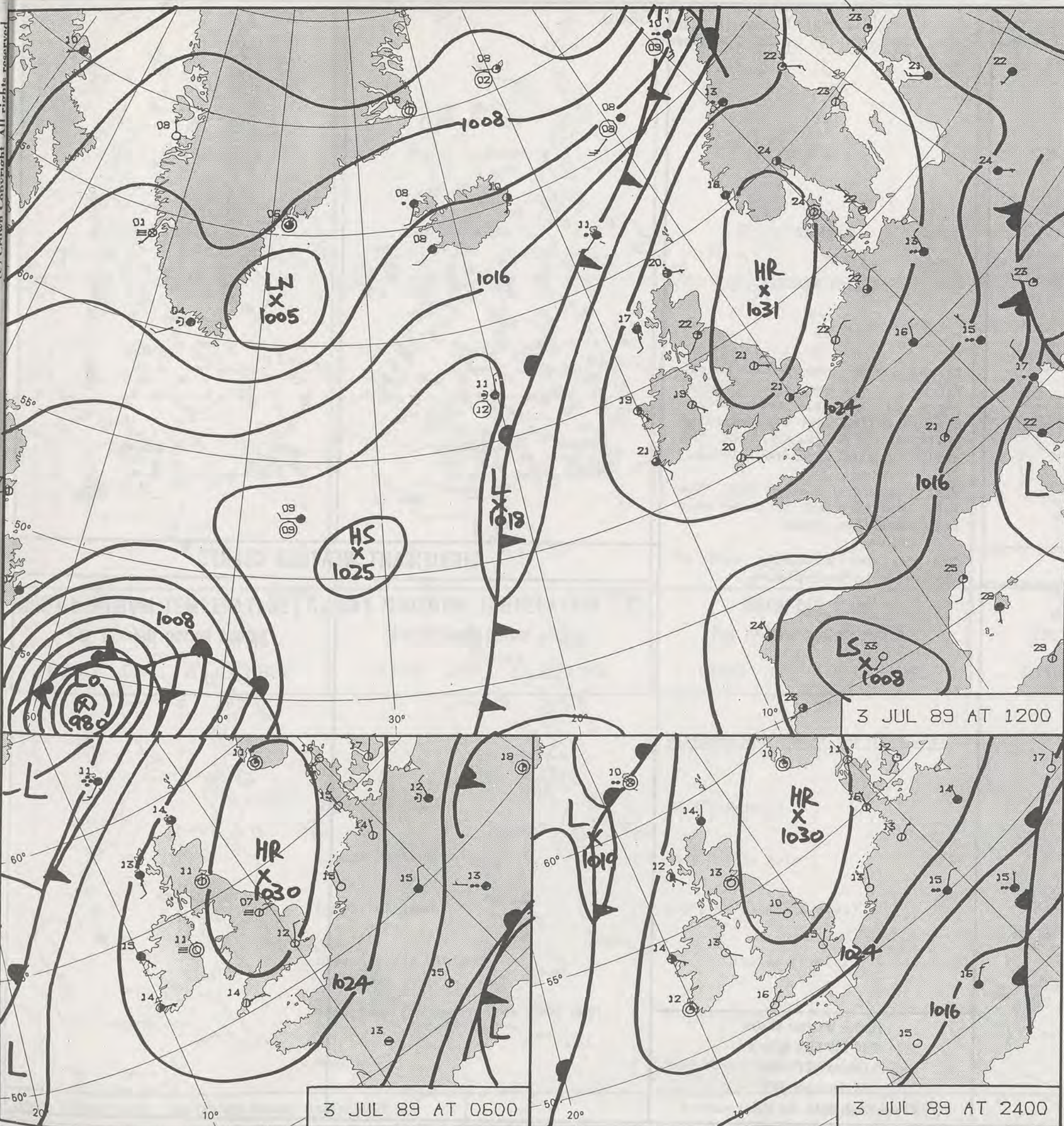
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London Weather Centre 284-286 High Holborn London WC1V 7HX

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DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR  
MONDAY 3 JULY 1989

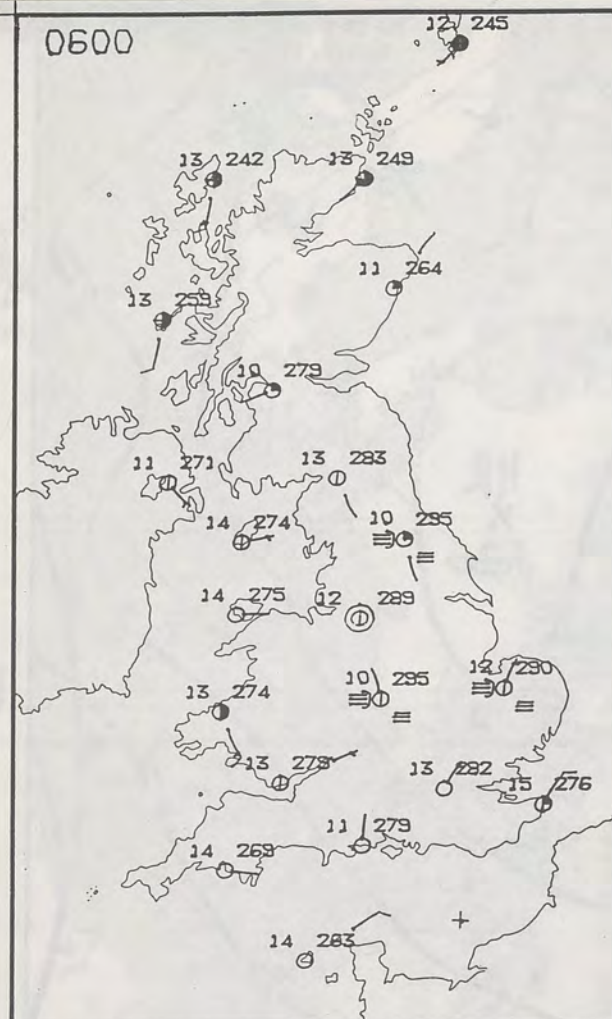
London Weather Centre 284-286 High Holborn London WC1V 7HX

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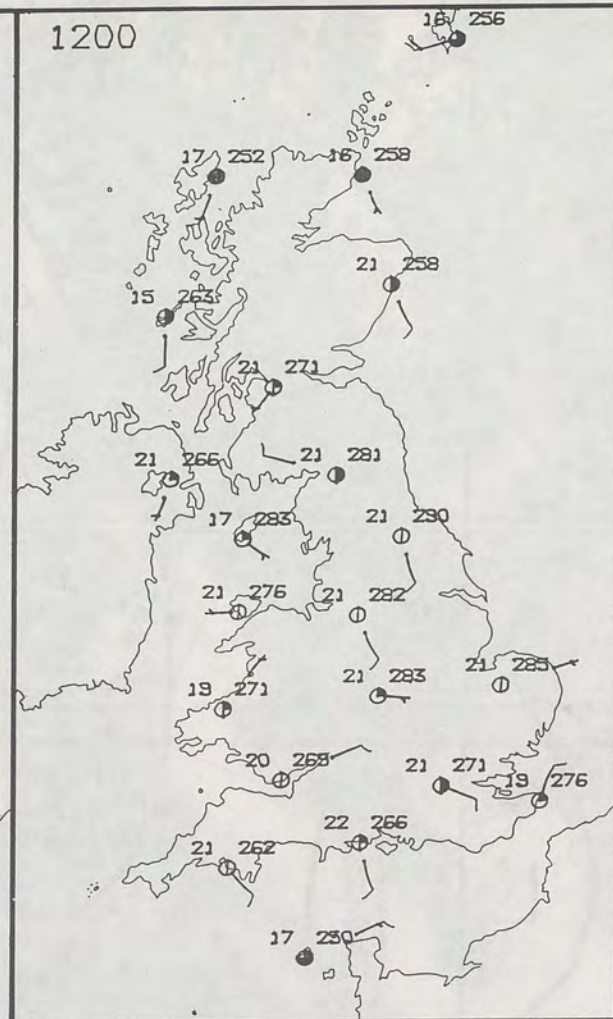
METEOLOGICAL OFFICE  
11  
METEOROLOGICAL  
OFFICE



0600



1200



MONDAY  
3 JULY 1989

SUMMARY  
OF  
BRITISH WEATHER

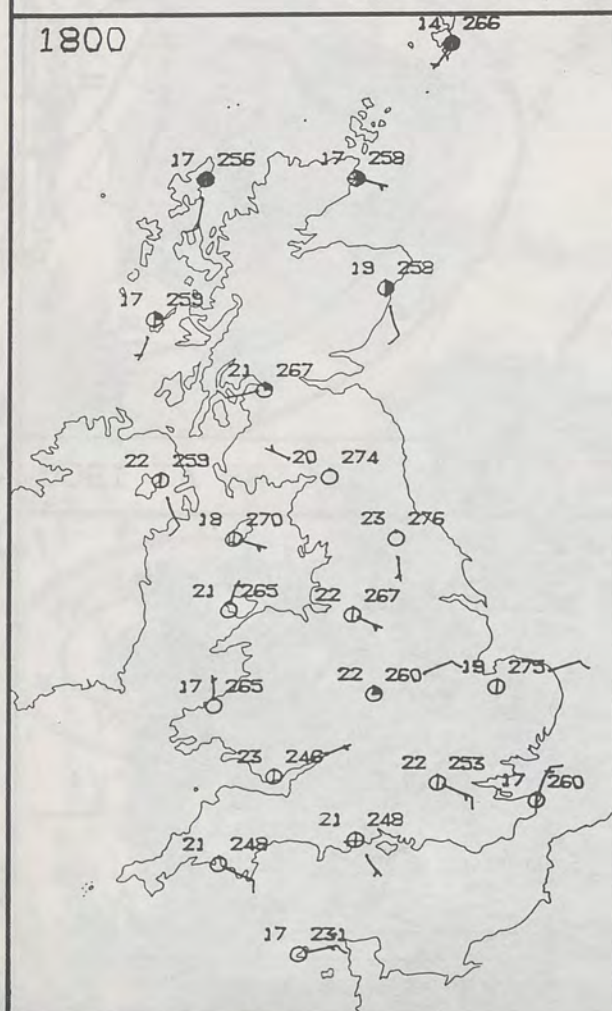
It was a fine twenty-four hours. Patchy fog and low cloud affected parts of central and eastern England during what was generally quite a chilly night, but the chill and mist were short-lived.

Most places had a sunny day. The Outer Hebrides and Shetland were more cloudy at times.

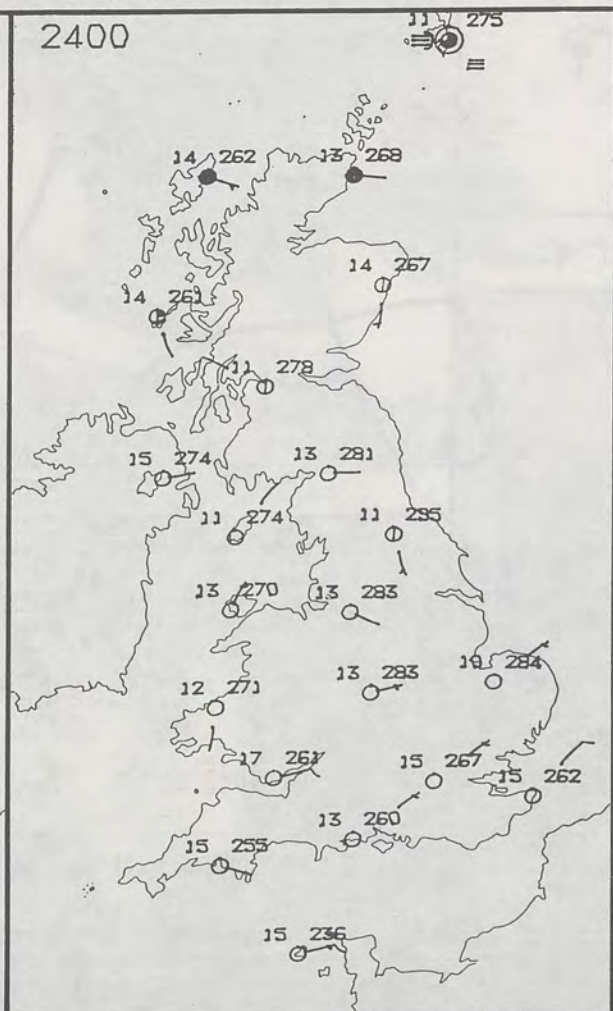
The day was generally warm or very warm in most places.

PLOTTED SURFACE OBSERVATIONS

1800



2400



0600



1200



SIGNIFICANT WEATHER CHARTS

1800



2400



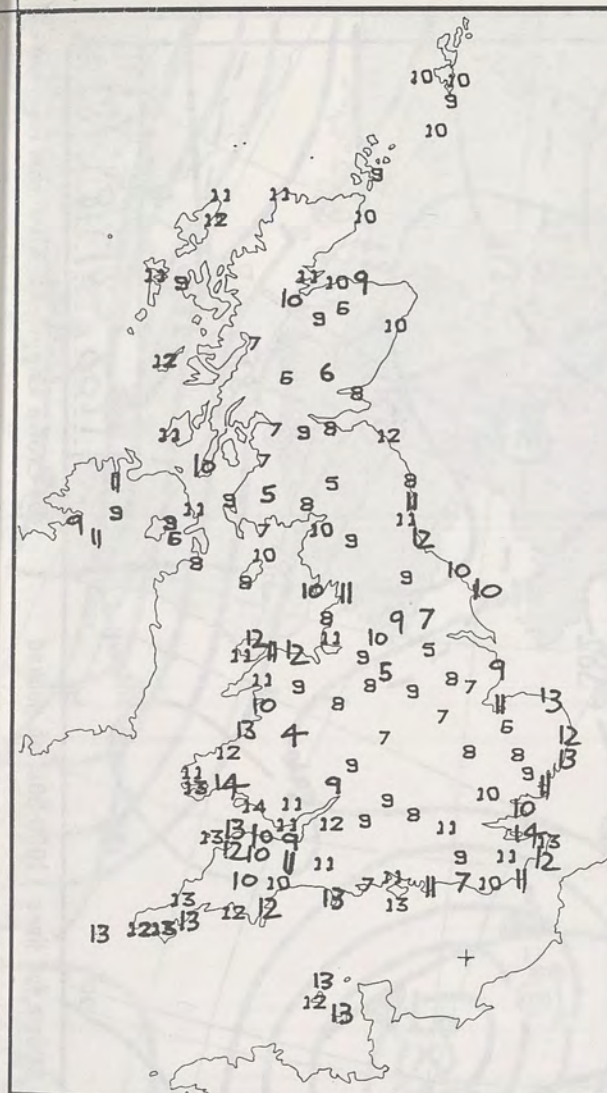
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London WC1V 7HX  
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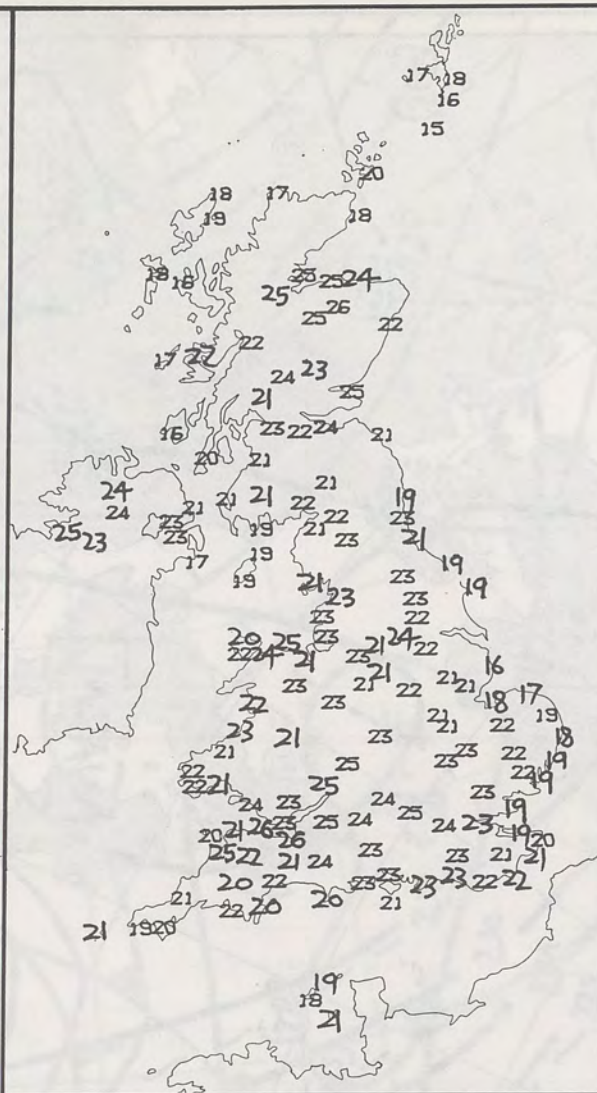
NIGH

London





**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 3 JUL 89



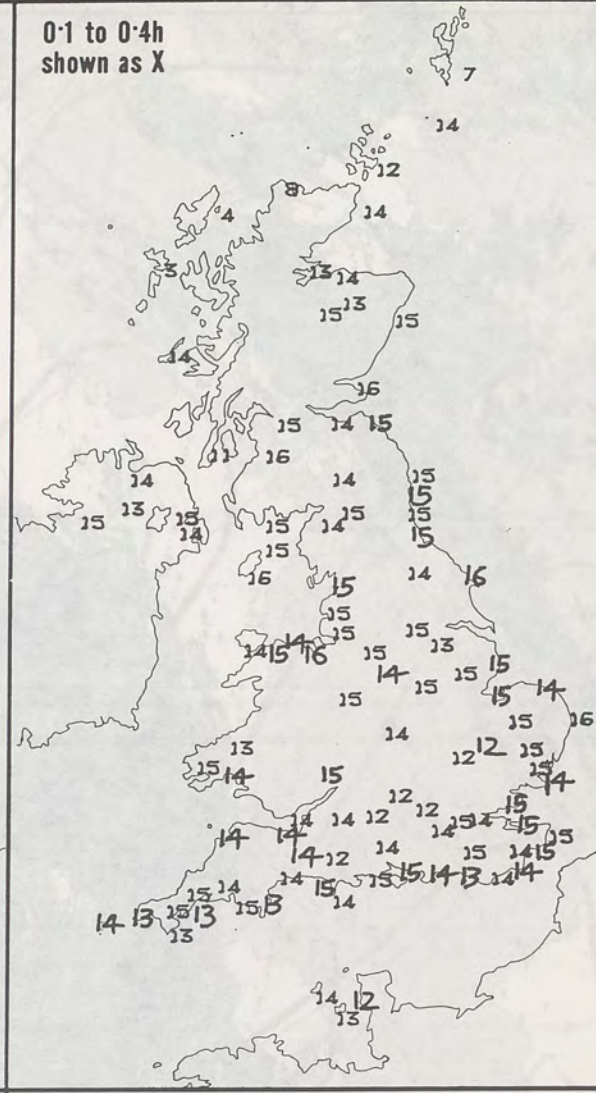
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 3 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 3 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 3 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
3 JUL 89

**EXTREMES FOR MONDAY 3RD JULY 1989**

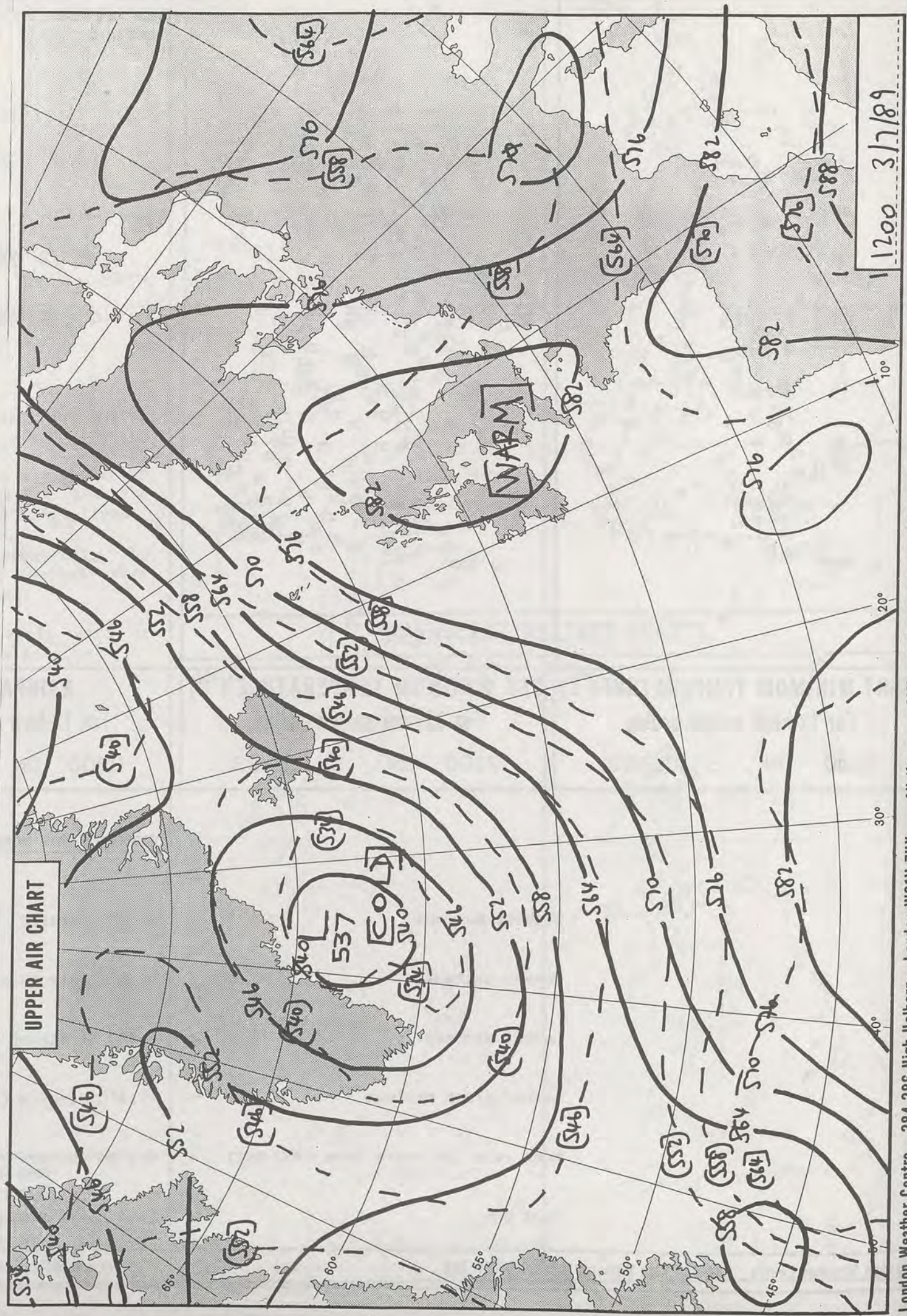
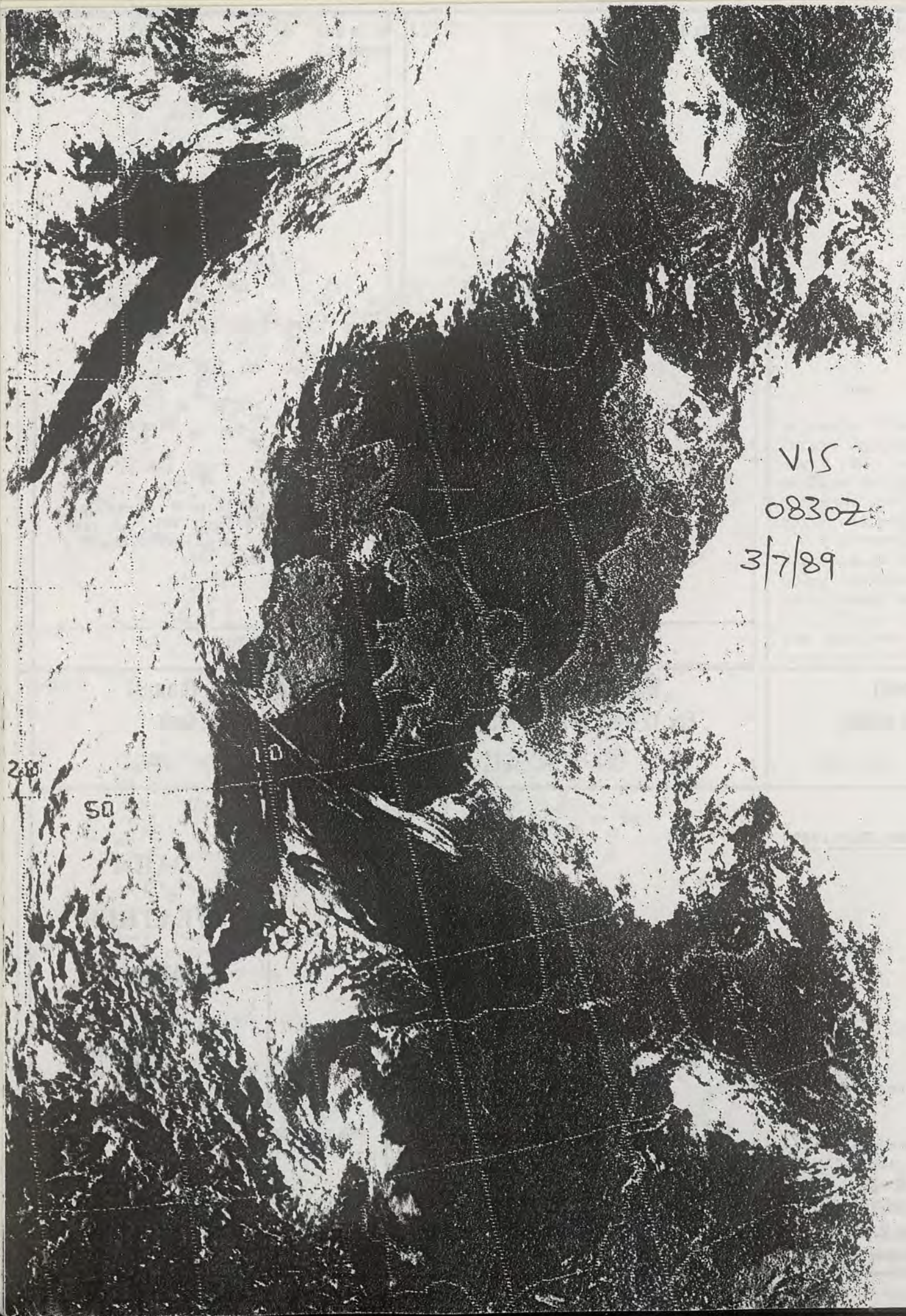
Highest maximum	:	25.8°C Cardiff
Lowest maximum	:	15.4°C Fair Isle
Lowest minimum	:	4.3°C St Harmon (Powys)
Lowest grass minimum	:	-1.4°C Glenlee (Dumfries & Galloway)
Most rain (24 hours from 0900 GMT)	:	0.1 mm Coningsby (Lincs)
Most sun	:	16.4 hours Prestwick (Nr Ayr)

**DAILY  
WEATHER  
SUMMARY**

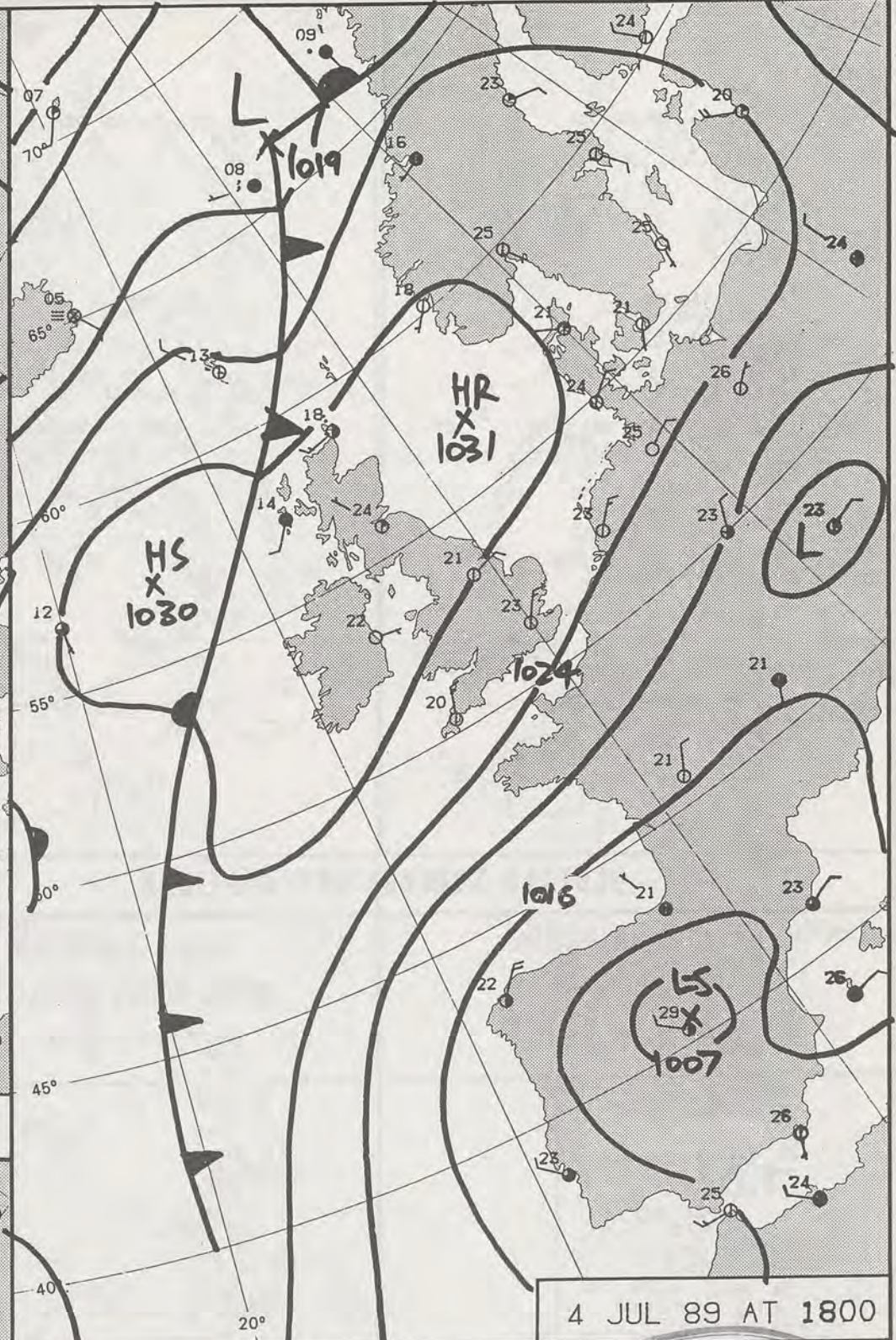
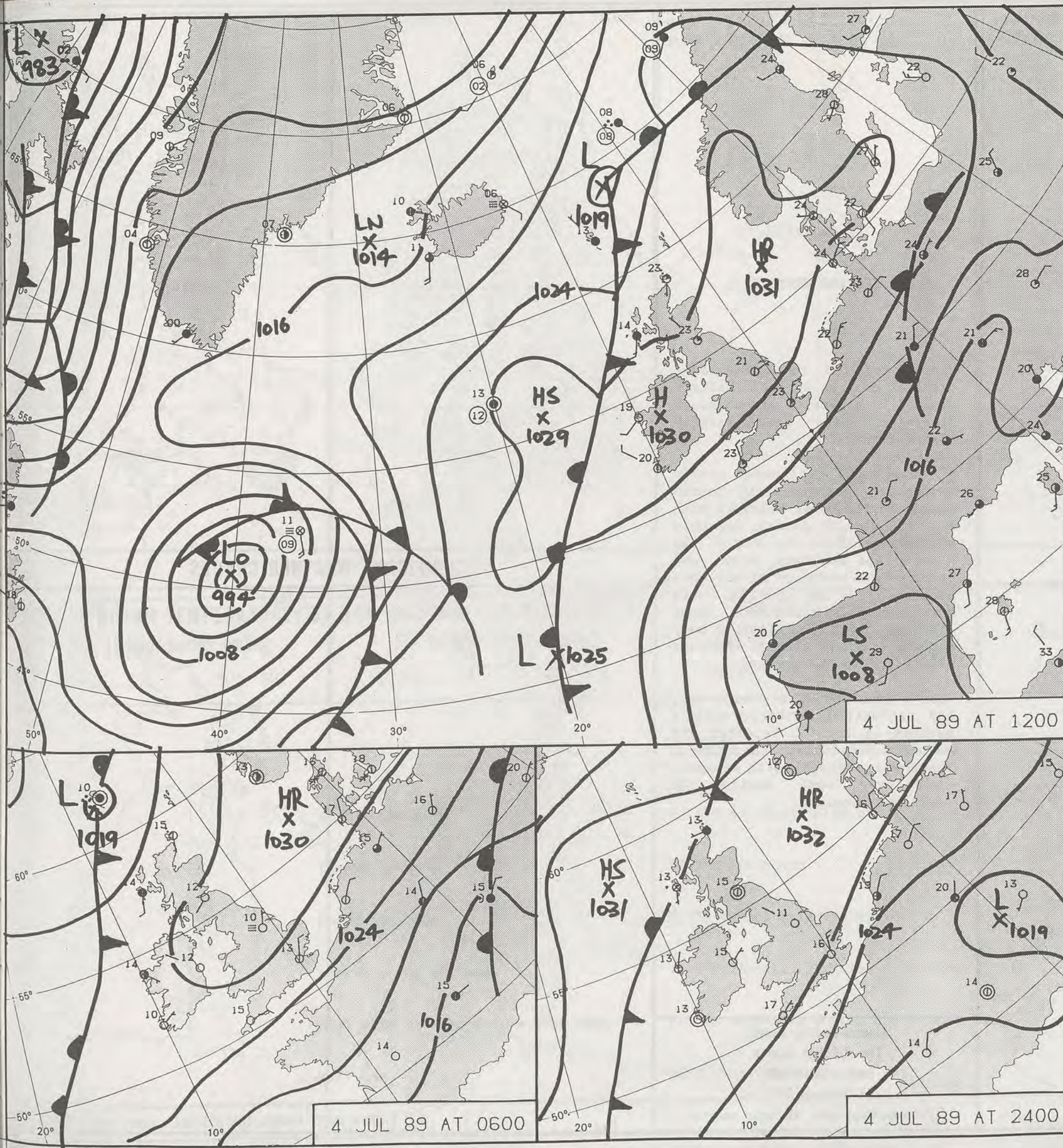


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DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOTICE FOR  
TUESDAY 4 JULY 1989

Warm front Cold front Occlusion

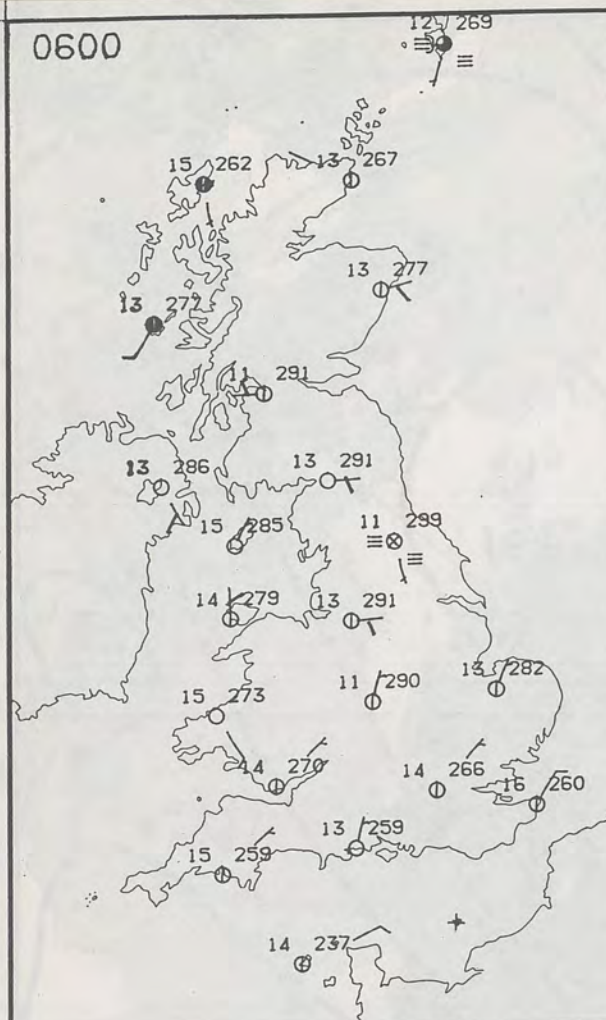
London Weather Centre 284-286 High Holborn London WC1V 7HX

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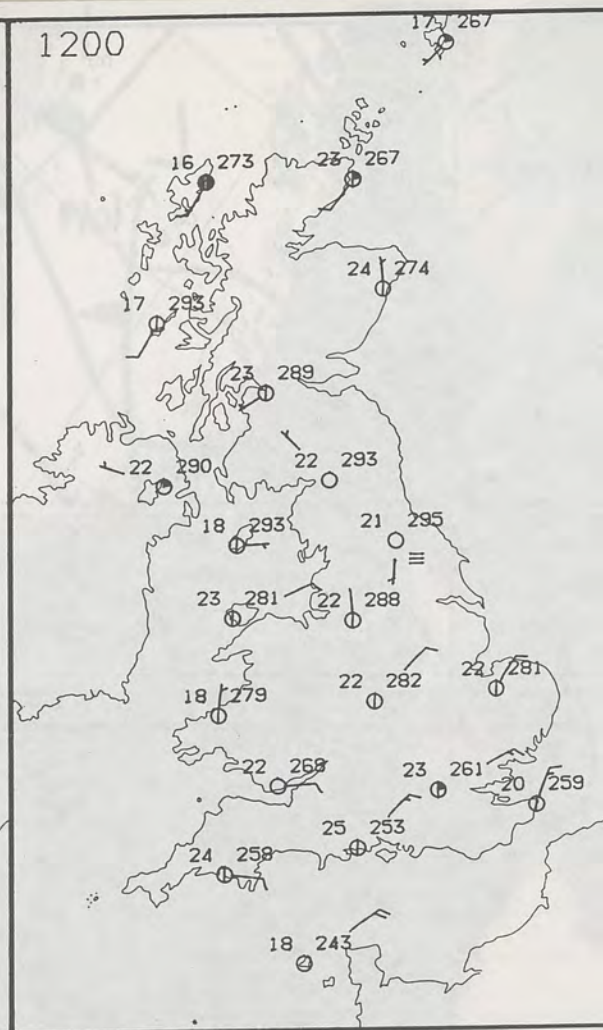




0600



1200

TUESDAY  
4 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

Patchy fog and low cloud over parts of eastern England at first cleared before mid-morning, otherwise skies were largely clear overnight.

A sunny day followed nearly everywhere. However it became cloudy in the Outer Hebrides with a little rain in places, and this weather spread to the rest of the Western and Northern Isles, and parts of the mainland of northern Scotland, in the evening, with some coastal and hill fog. Some areas of cloud also drifted west through southern coastal counties of England in the evening.

Most places had a very warm day, and Kirkwall in Orkney, with a maximum of 23.5°C, reported its warmest July day since 1955. There was a fresh north easterly wind over East Anglia and southeast England.

London Weather Centre  
284-286 High Holborn  
London WC1V 7HX  
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0600

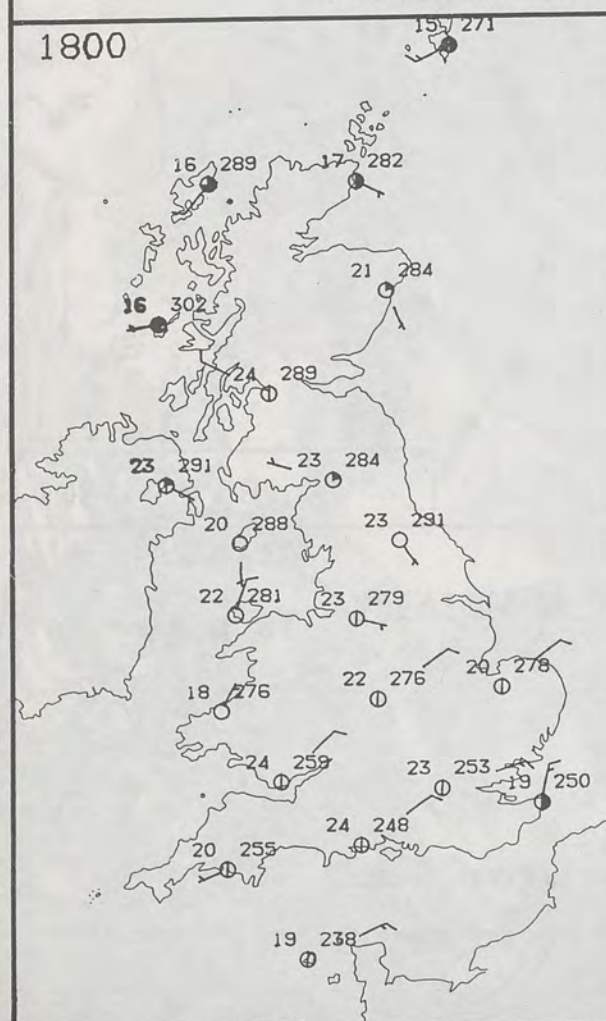


1200

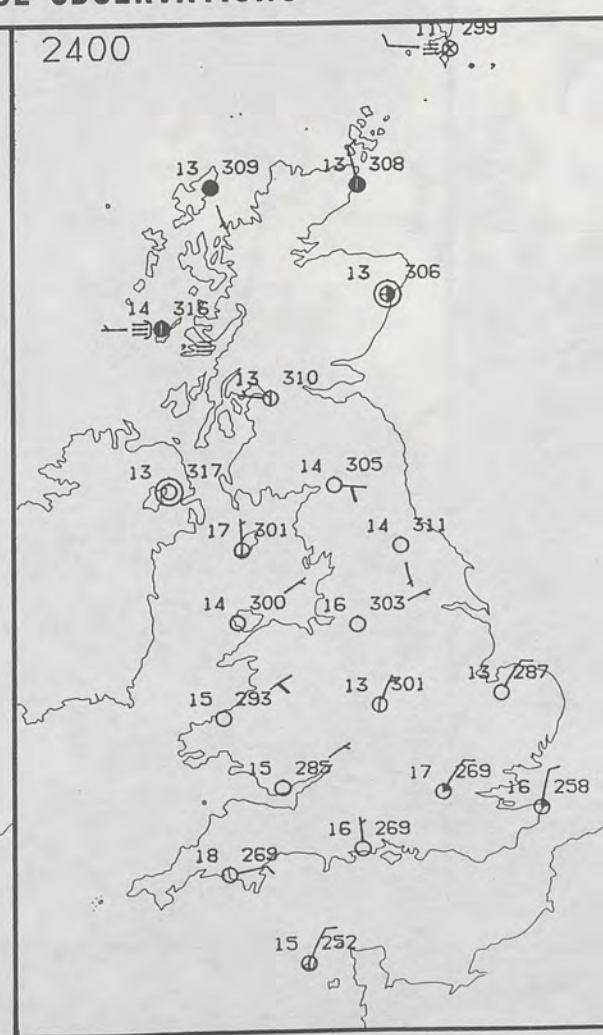


## SIGNIFICANT WEATHER CHARTS

1800



2400



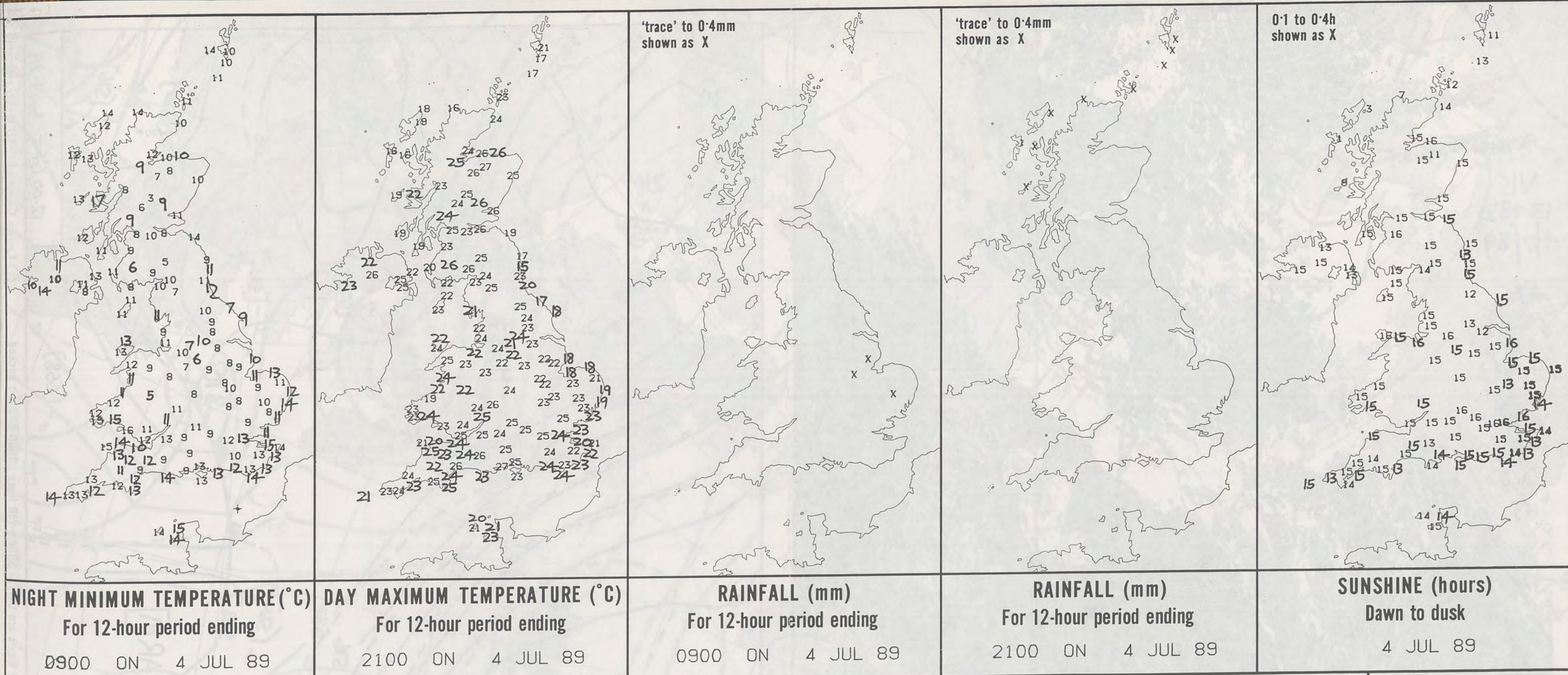
1800



2400







**EXTREMES FOR TUESDAY 4TH JULY 1989**

Highest maximum	:	26.8°C Bournemouth/Hurn
Lowest maximum	:	15.5°C Tynemouth
Lowest minimum	:	3.5°C Tummel Bridge (Tayside)
Lowest grass minimum	:	-1.0°C Glenlee (Dumfries & Galloway)
Most rain (24 hours from 0900 GMT)	:	1.2 mm Benbecula (Outer Hebrides)
Most sun	:	16.0 hours Prestwick (Nr Ayr)

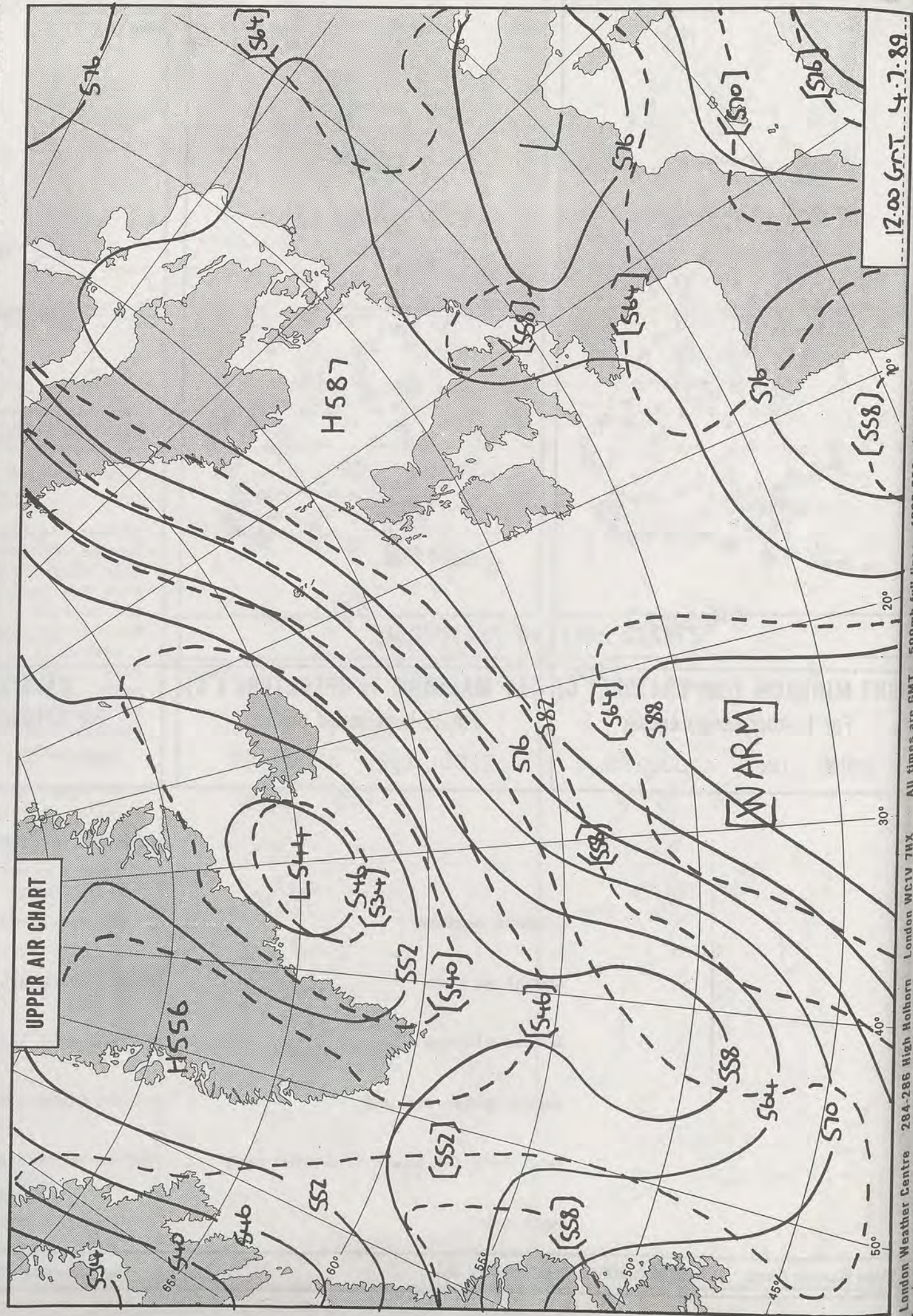
**DAILY  
WEATHER  
SUMMARY**



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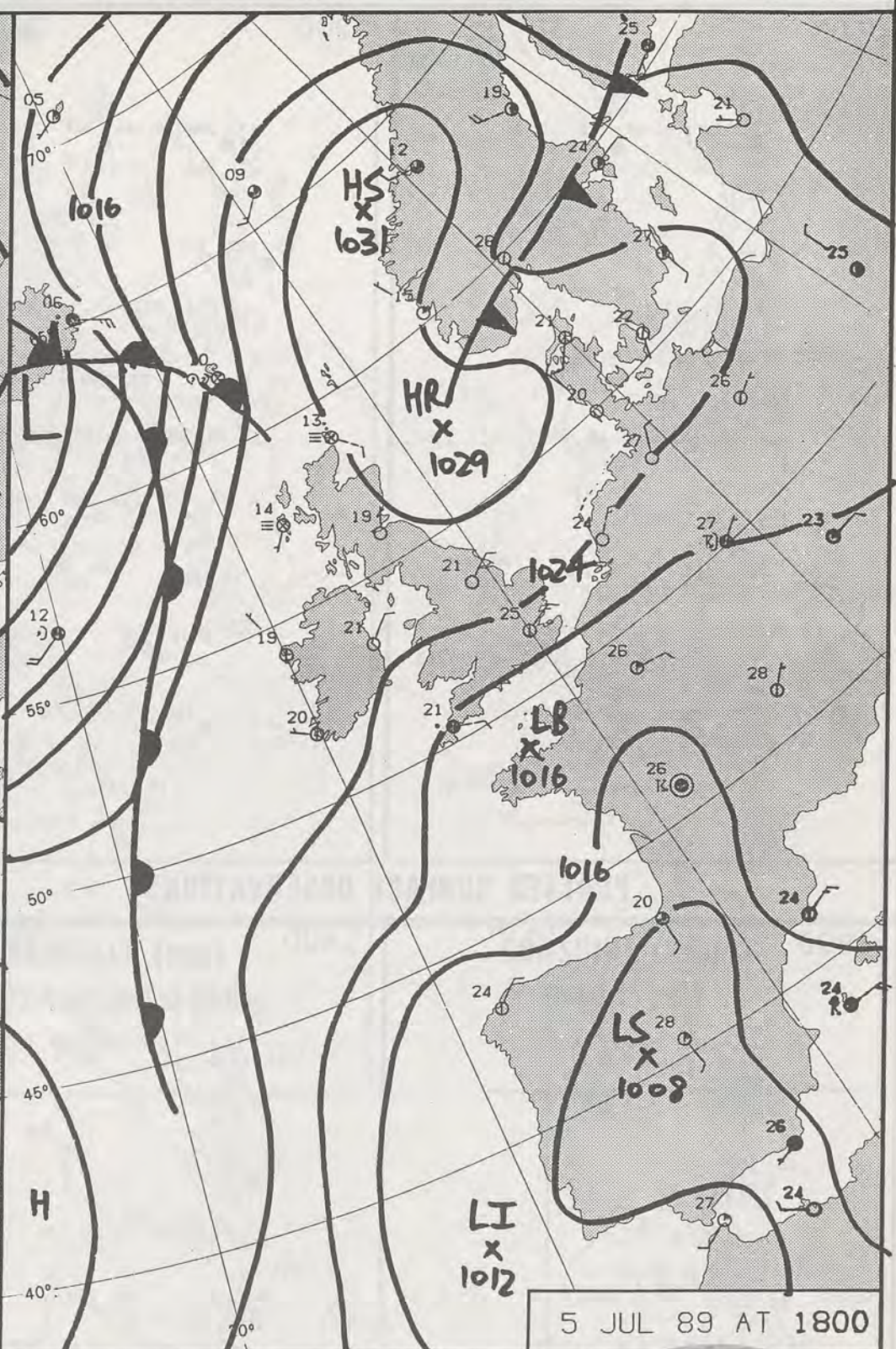
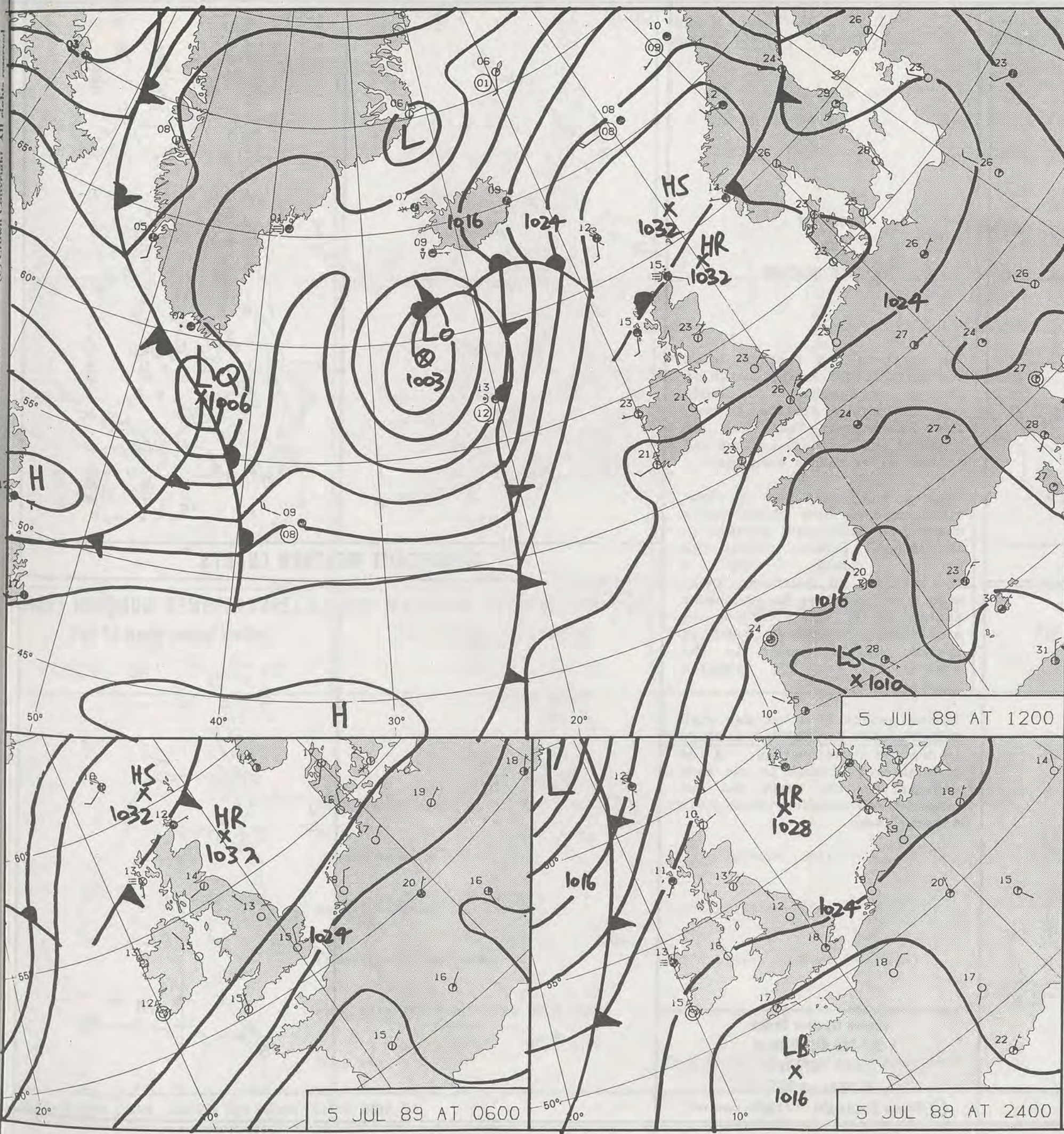


VLS  
1348Z  
4/7/89





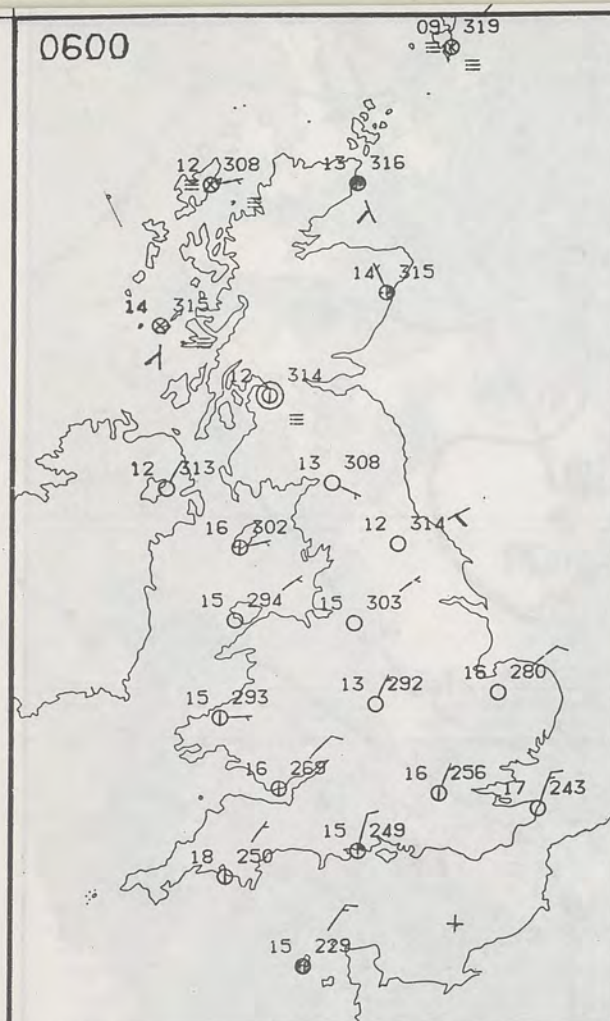
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London Weather Centre 284-286 High Holborn London WC1V 7HX



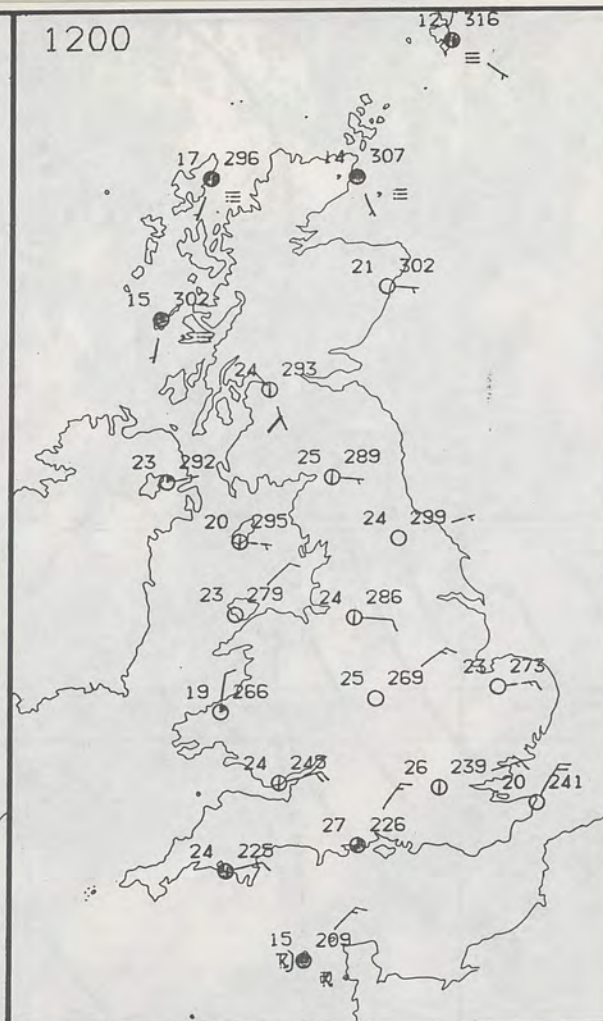
DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR L... FOR  
WEDNESDAY 5 JULY 1989  
London Weather Centre 284-286 High Holborn London WC1V 7HX  
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0600



1200



WEDNESDAY  
5 JULY 1989

### SUMMARY OF BRITISH WEATHER

The Northern and Western Isles and parts of the extreme north of Scotland were subject to cloud, fog and patchy drizzle through the 24 hours. The rest of Scotland and Northern Ireland had a clear night then a sunny day.

England and Wales had a clear night and then many places had a sunny day. There were showers in the Channel Islands during the morning though, with a thunderstorm on Guernsey. There were then showers in southwest England in the late afternoon and many places in the far south of England had a shower in the evening, with isolated thunderstorms.

It was generally a hot day with temperatures locally as much as 10 degrees above average. A few coastal areas though in the east adjacent to the North Sea had temperatures closer to their seasonal norm.

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284-286 High Holborn  
London WC1V 7HX  
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0600

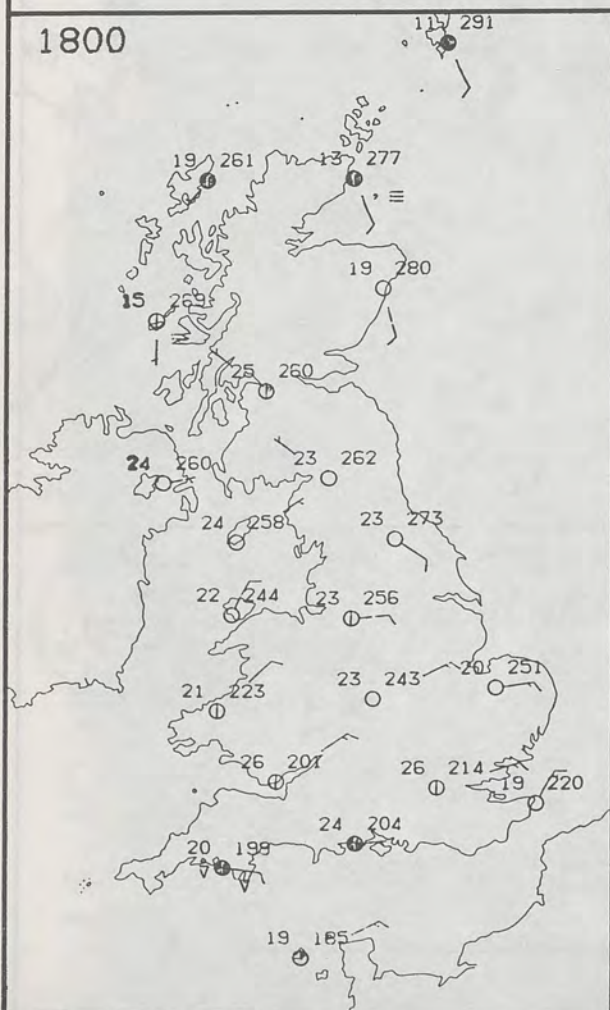


1200

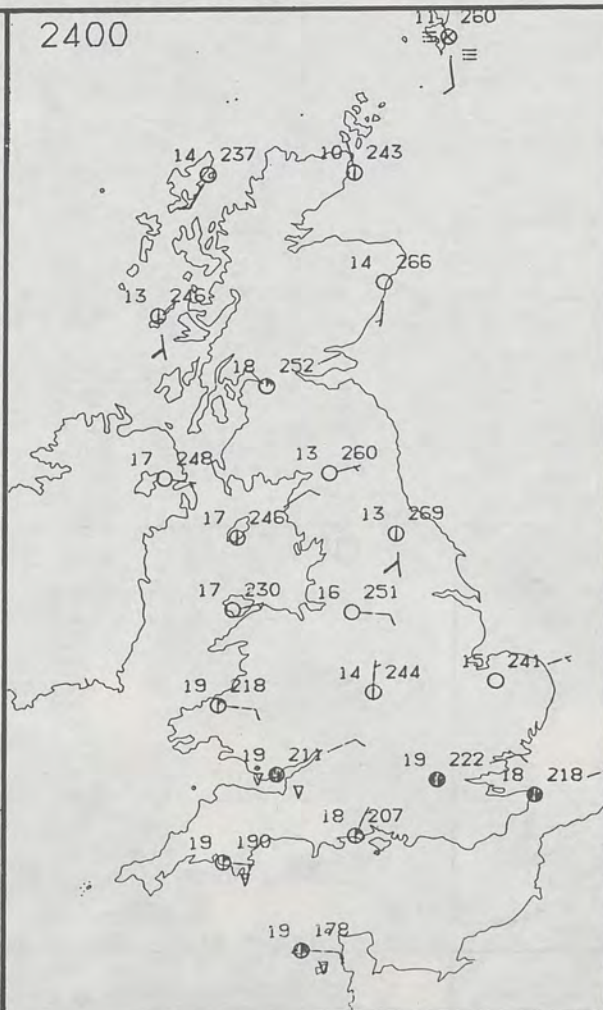


### PLOTTED SURFACE OBSERVATIONS

1800



2400

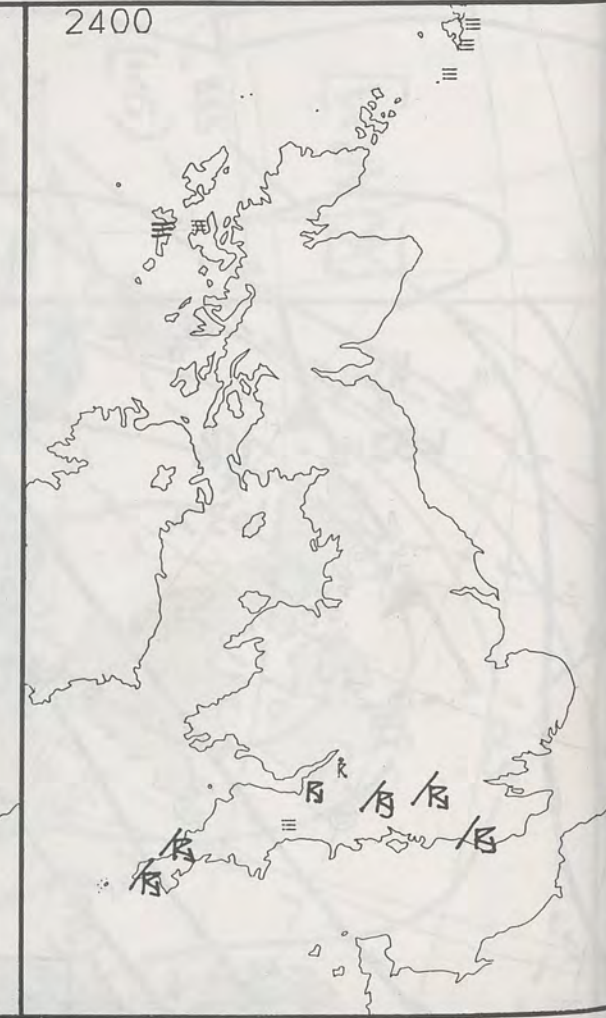


### SIGNIFICANT WEATHER CHARTS

1800



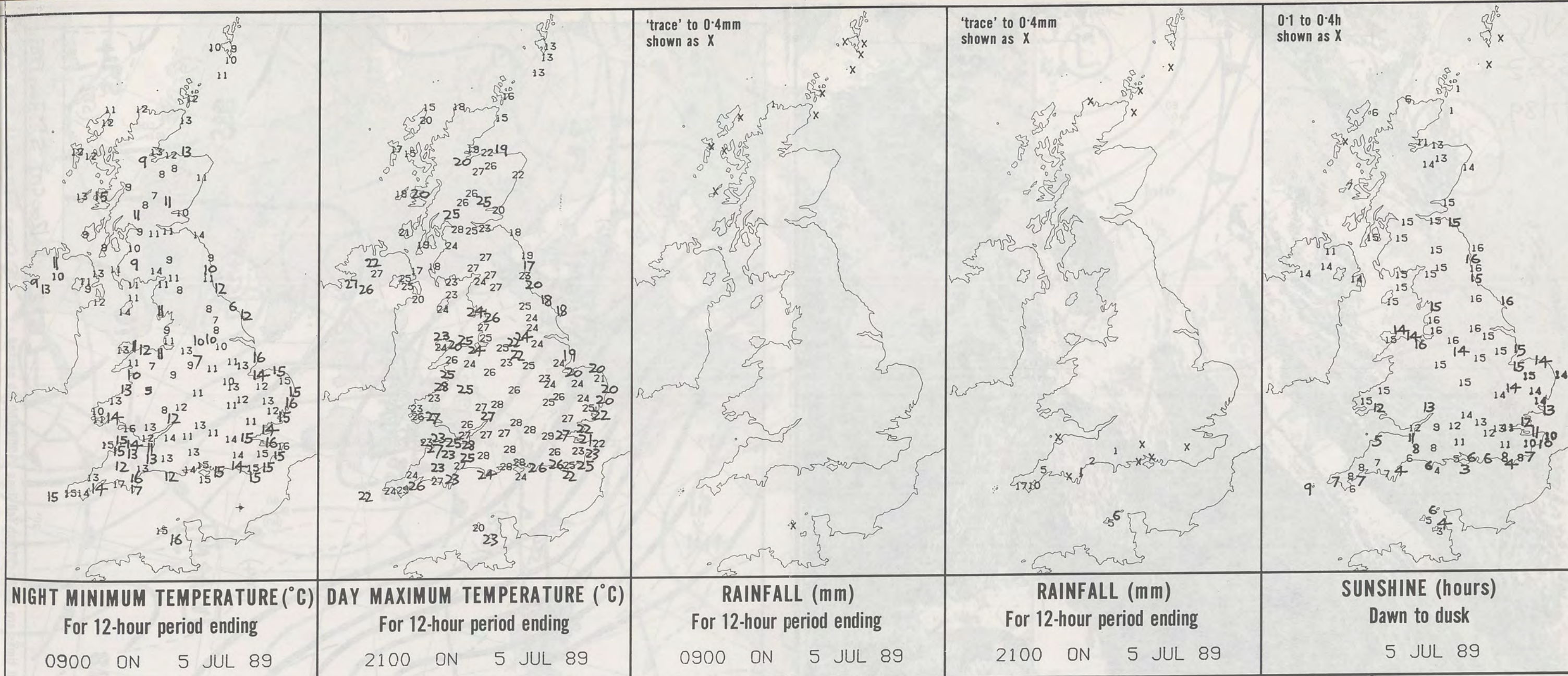
2400



NIGH

London





EXTREMES FOR WEDNESDAY 5TH JULY 1989

Highest maximum	: 28.6°C Heathrow (London)
Lowest maximum	: 12.8°C Lerwick (Shetland)
Lowest minimum	: 5.5°C St Harmon (Powys)
Lowest grass minimum	: 1.5°C Linton on Ouse (NW York)
Most rain (24 hours from 0900 GMT)	: 33.6 mm Gwennap Head (Nr Lands End)
Most sun	: 16.2 hours Boulmer (Northumberland)

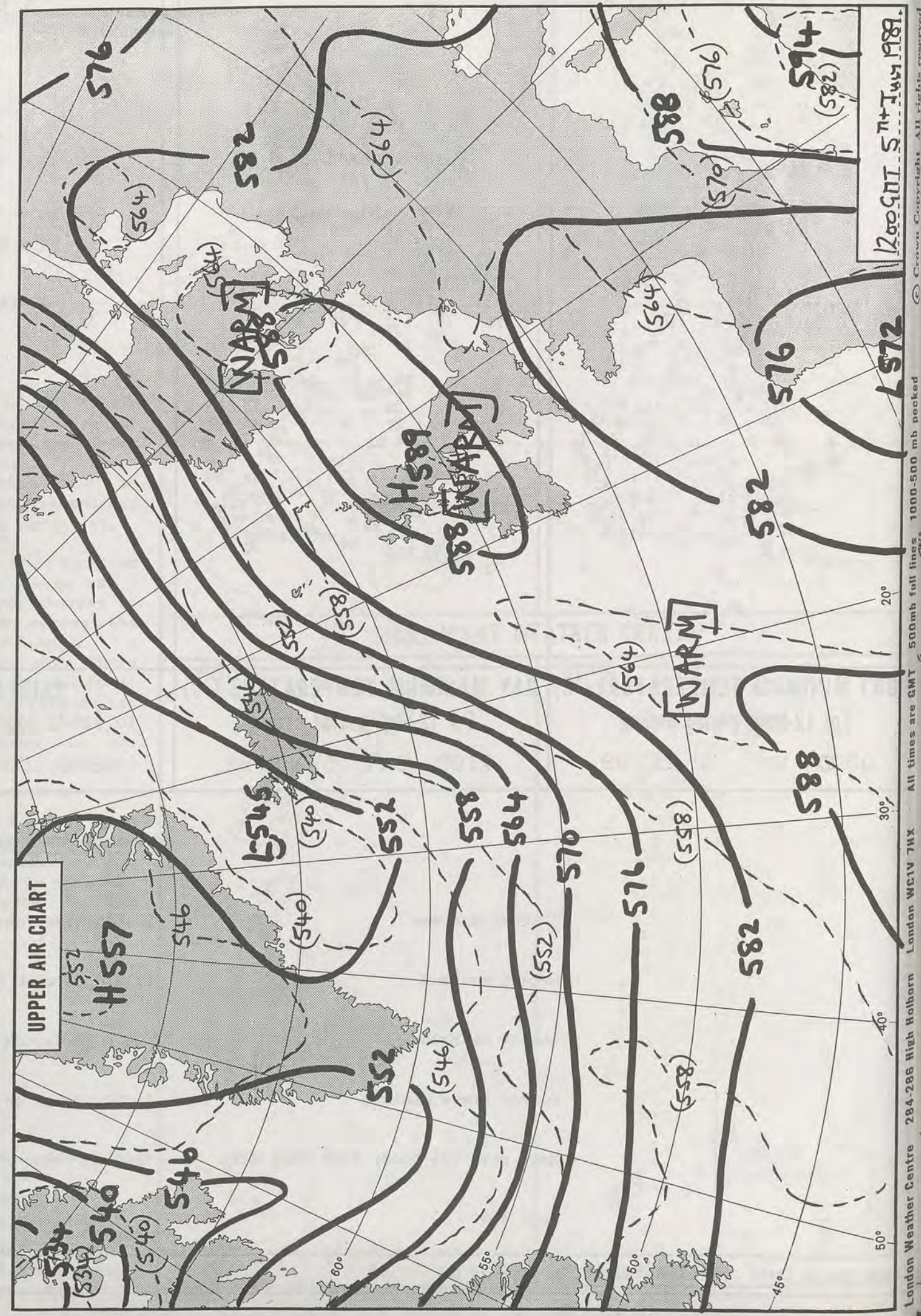
**DAILY  
WEATHER  
SUMMARY**



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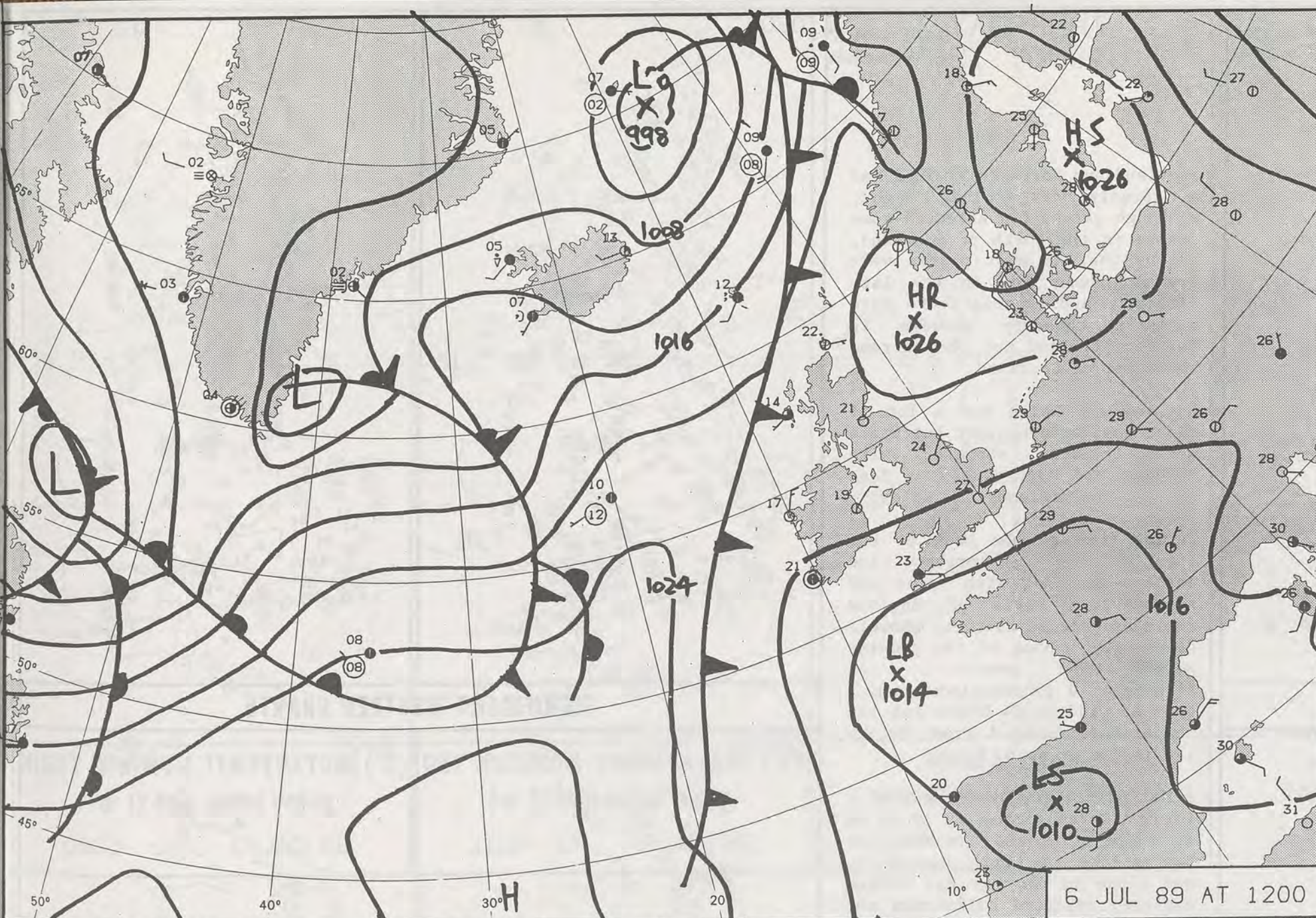


VIS  
1338Z  
5/7/89

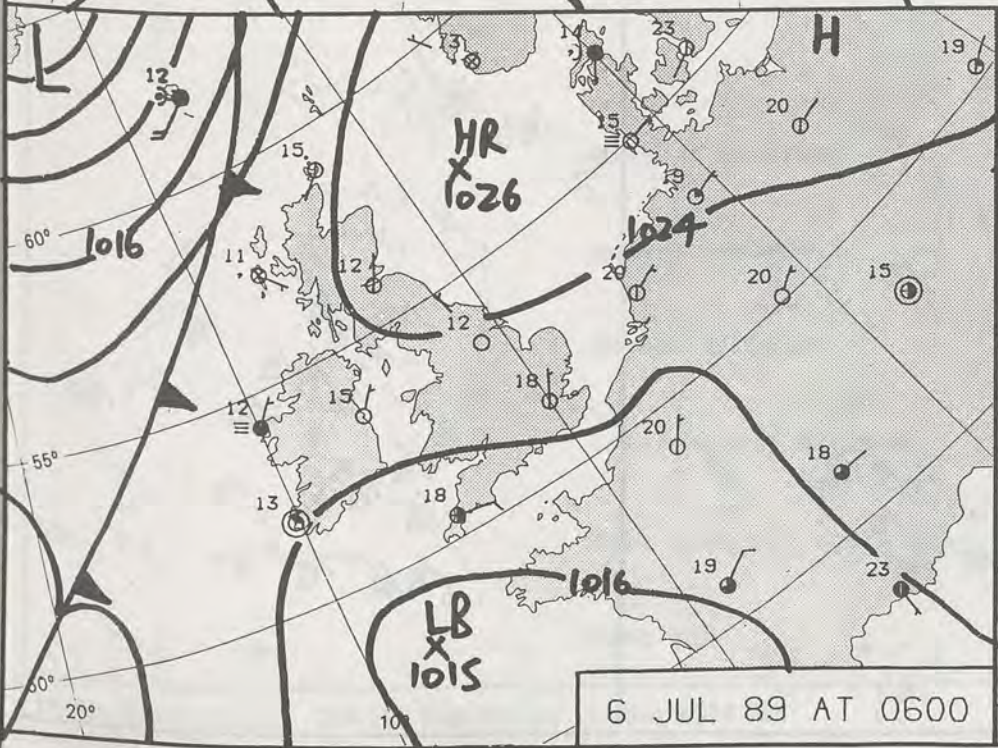


London Weather Centre 284-286 High Holborn London WC1V 7HX All times are GMT 500mb full lines 1000-500 mb pecked  
1200 GMT 5th July 1989

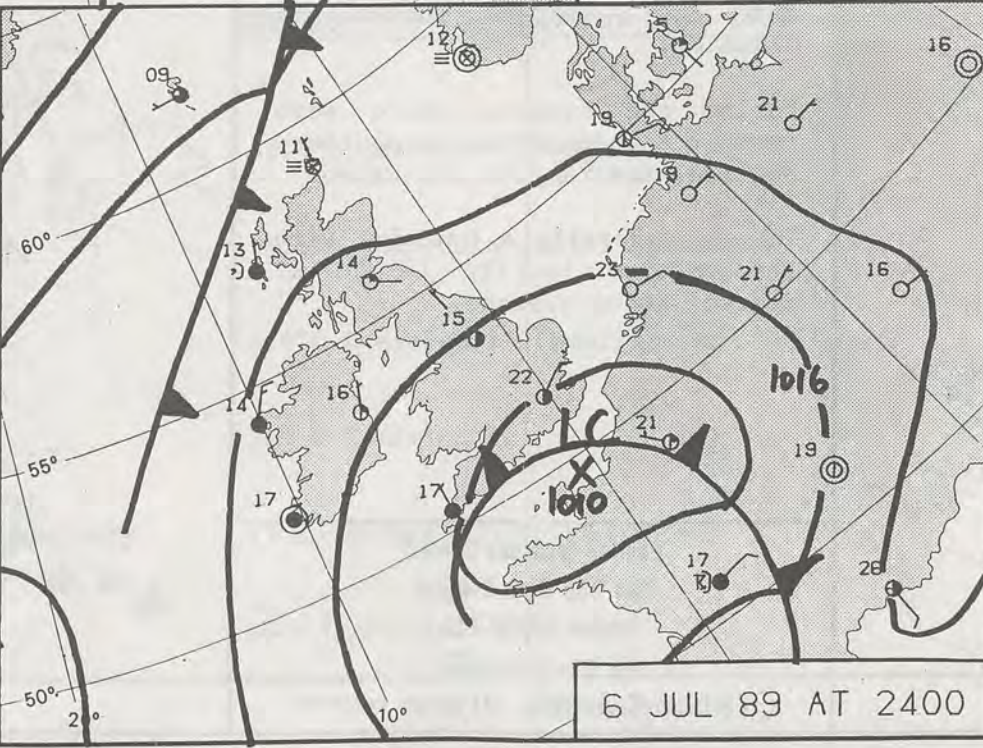




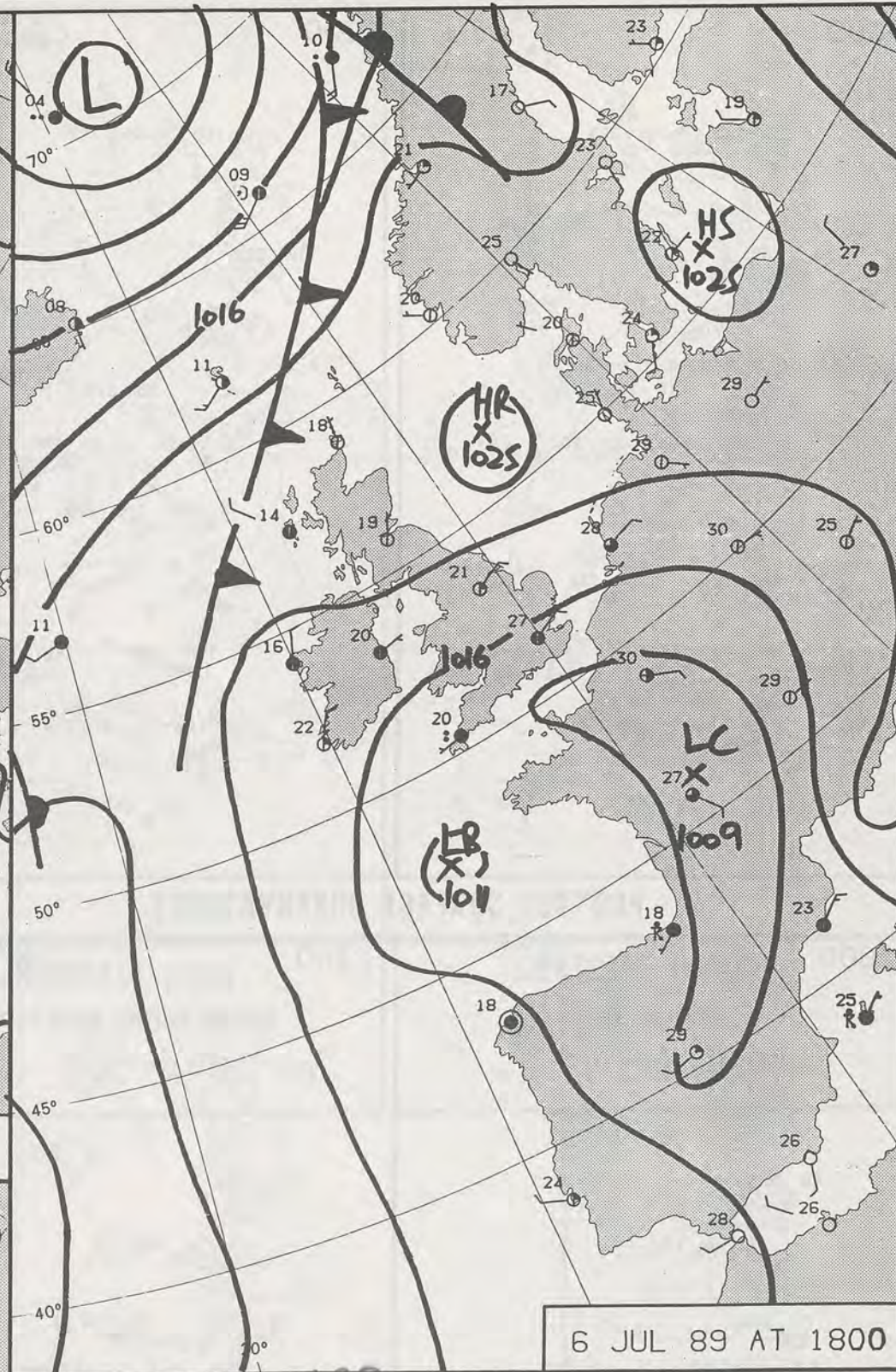
6 JUL 89 AT 1200



6 JUL 89 AT 0600



6 JUL 89 AT 2400



6 JUL 89 AT 1800

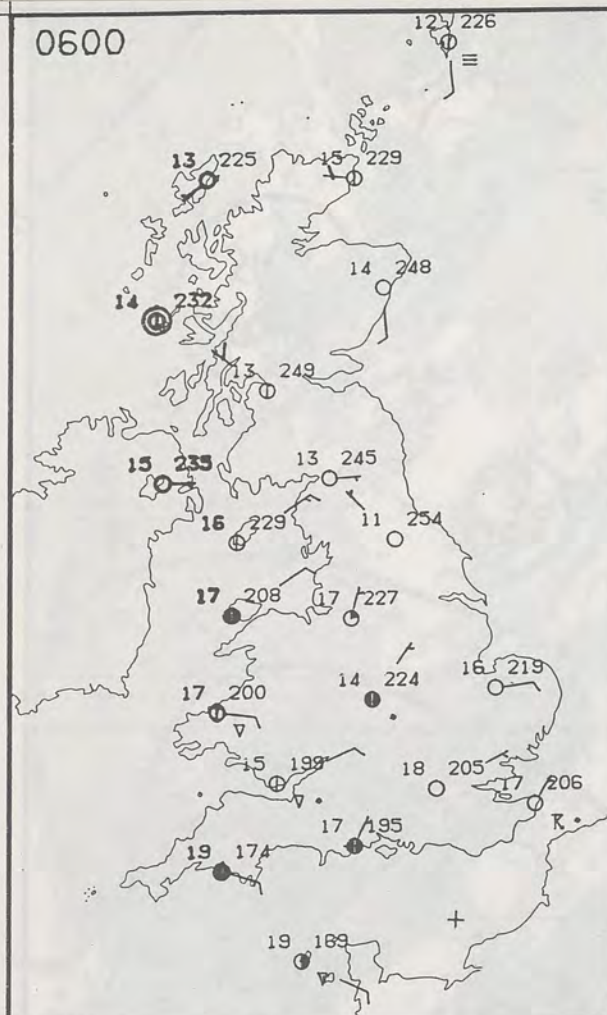
DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LC FOR  
THURSDAY 6 JULY 1989



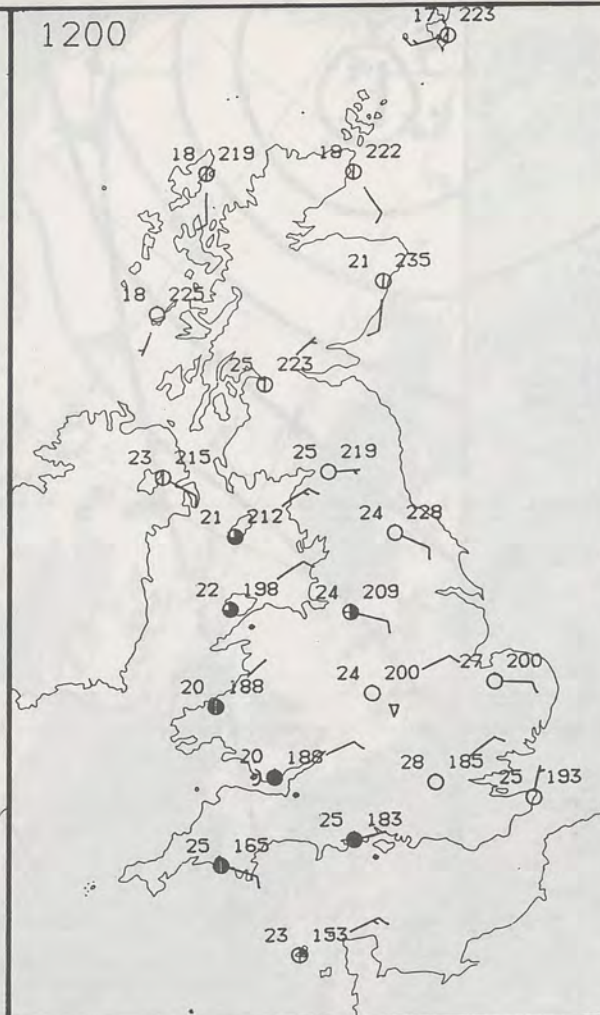
— Warm front    — Cold front    — Occlusion  
London Weather Centre 284-286 High Holborn London WC1V 7HX  
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0600



1200

THURSDAY  
6 JULY 1989

Scotland and Northern Ireland had a largely dry, clear night, although patchy fog affected some coasts in the north of Scotland. During the day most places were dry and sunny but in the late afternoon and evening there were isolated thundery showers in Northern Ireland and the extreme southwest of Scotland.

England and Wales had a lot of clear weather overnight but there were isolated showers, with thunder and lightning, in East Anglia, the Midlands and Wales.

During the day the best of the sunshine was in northern and eastern England, with Wales and southwestern parts of England seeing scattered thundery showers developing. Some of the showers were rather severe. At Birmingham a thunderstorm gave a gust of wind to 54 knots and the temperature dropped from 28C to 17C inside an hour.

A Met Office employee reported a total afternoon rainfall of 82 mm at Tadley just north of Basingstoke in North Hampshire, and close by another Met Office employee reported hailstones one and one quarter inches in diameter.

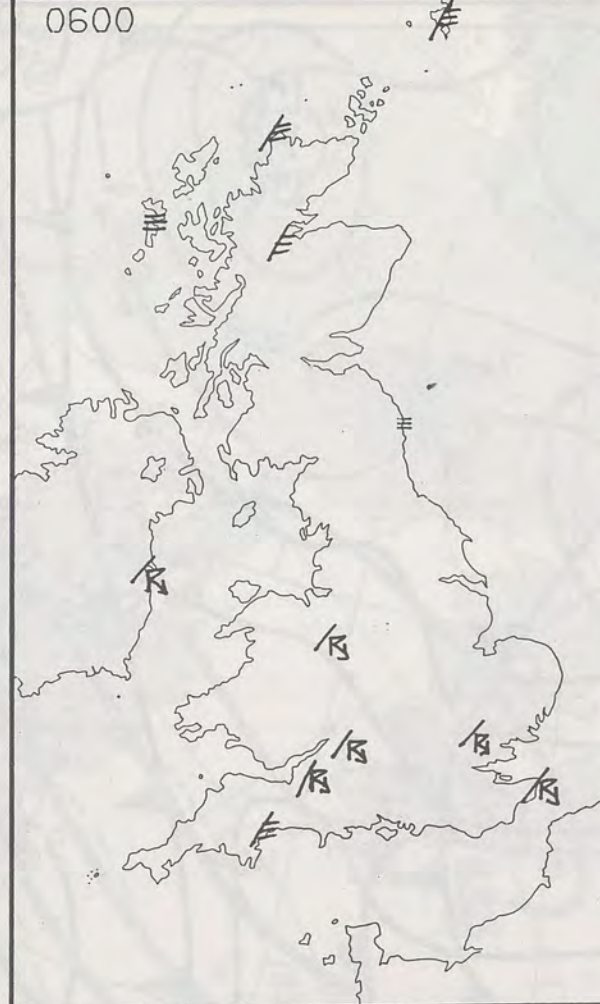
During the evening there were further thunderstorms in southern England, East Anglia and Wales.

It was generally a hot day with temperatures locally 10 or 11 degrees above average.

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0600

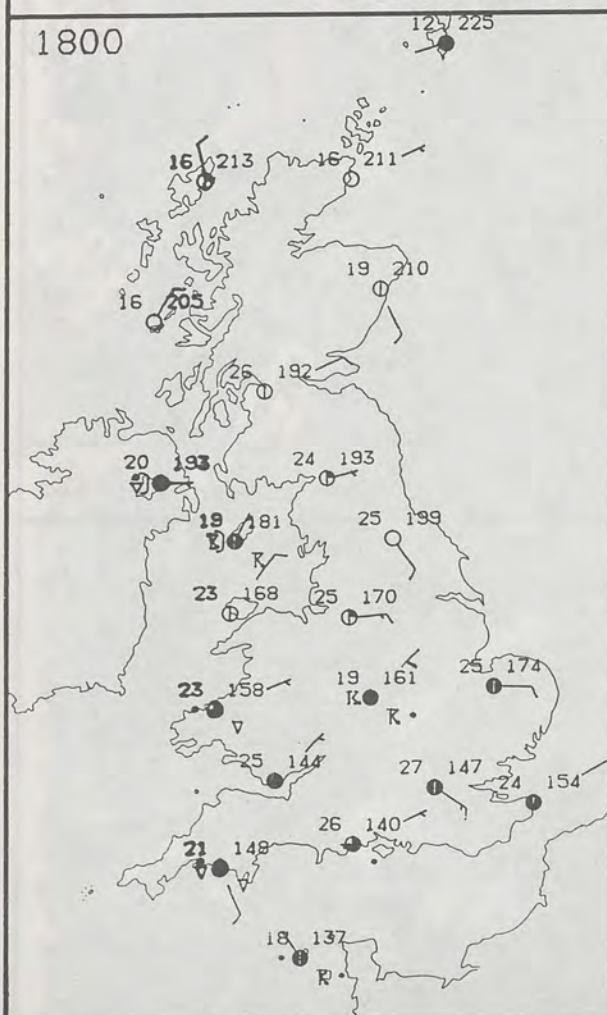


1200

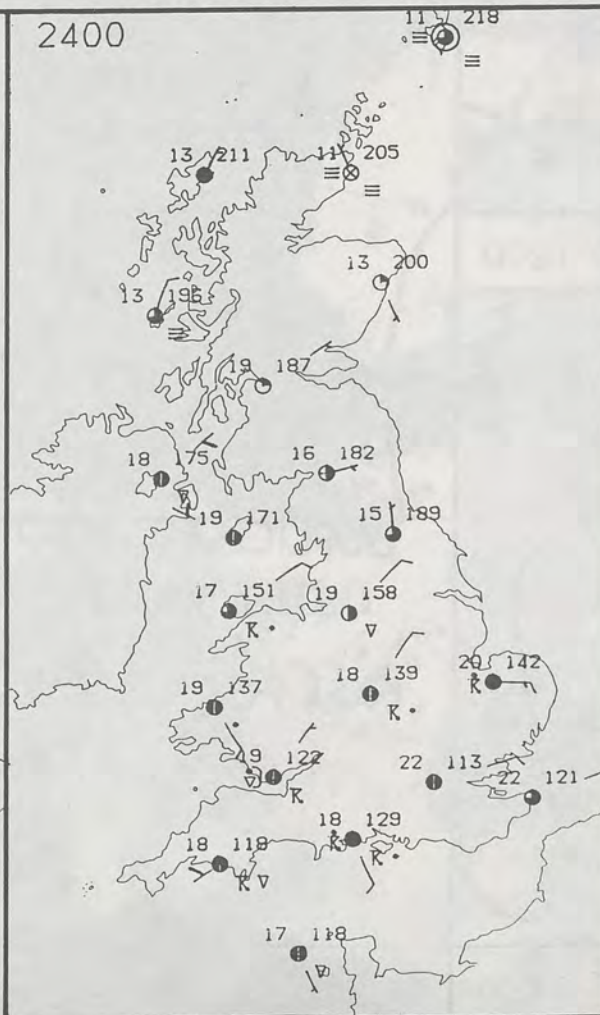


## PLOTTED SURFACE OBSERVATIONS

1800

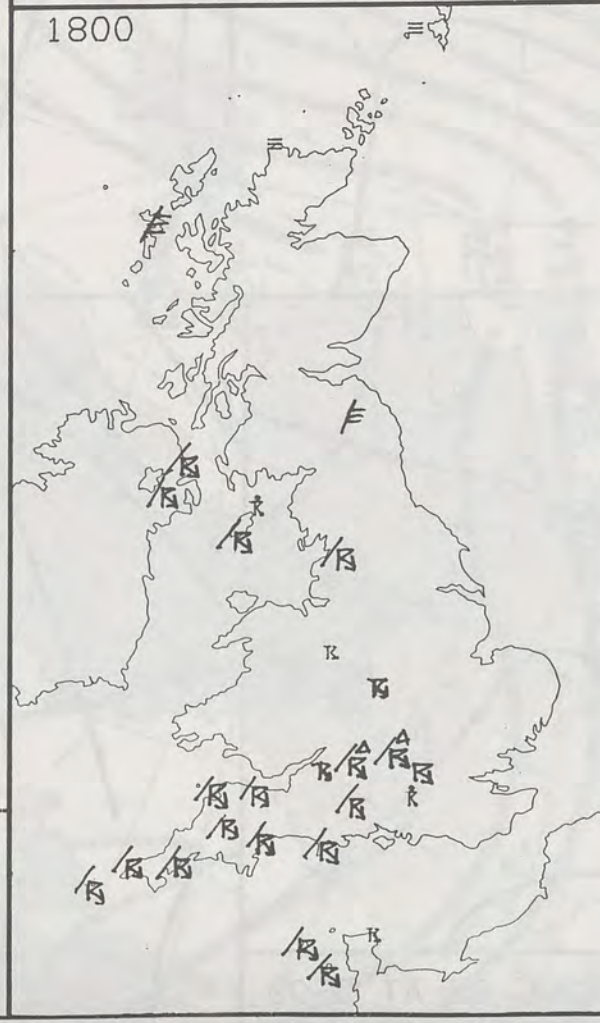


2400

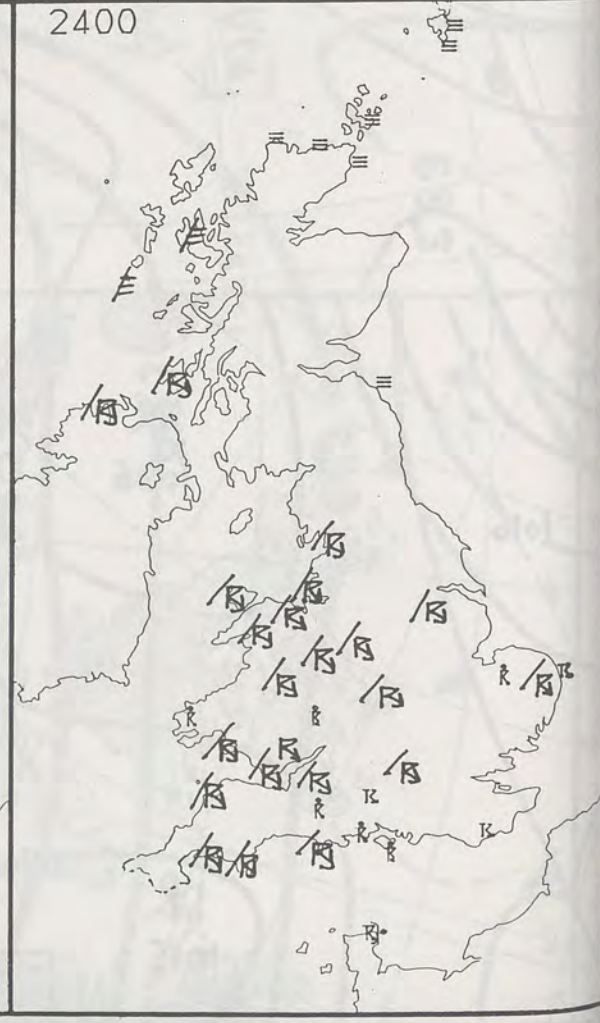


## SIGNIFICANT WEATHER CHARTS

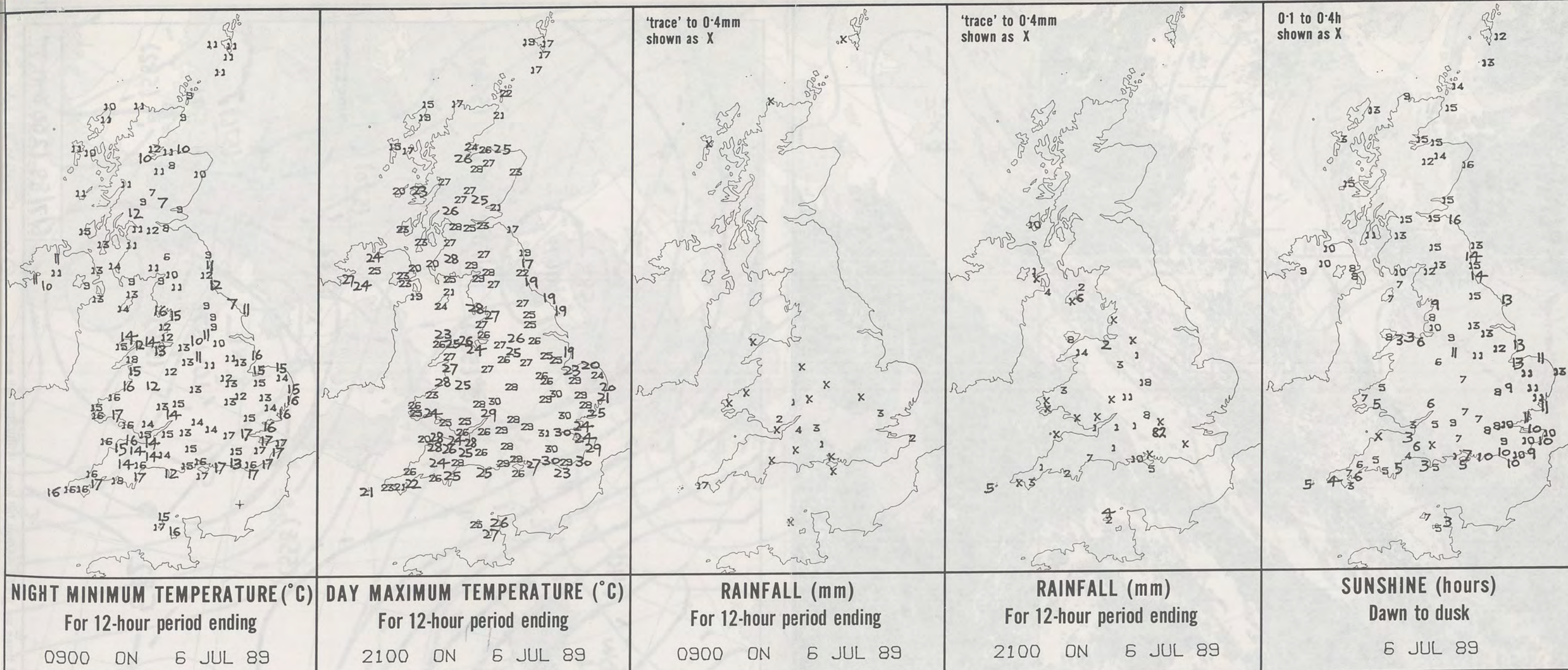
1800



2400







**EXTREMES FOR THURSDAY 6TH JULY 1989**

Highest maximum	:	31.0°C Heathrow (London)
Lowest maximum	:	15.1°C Benbecula (Outer Hebrides)
Lowest minimum	:	5.9°C Eskdalemuir (Dumfries and Galloway)
Lowest grass minimum	:	2.9°C Eskdalemuir
Most rain (24 hours from 0900 GMT)	:	93 mm Tadley (North Hampshire)
Most sun	:	16.1 hours Aberdeen/Dyce

**DAILY  
WEATHER  
SUMMARY**



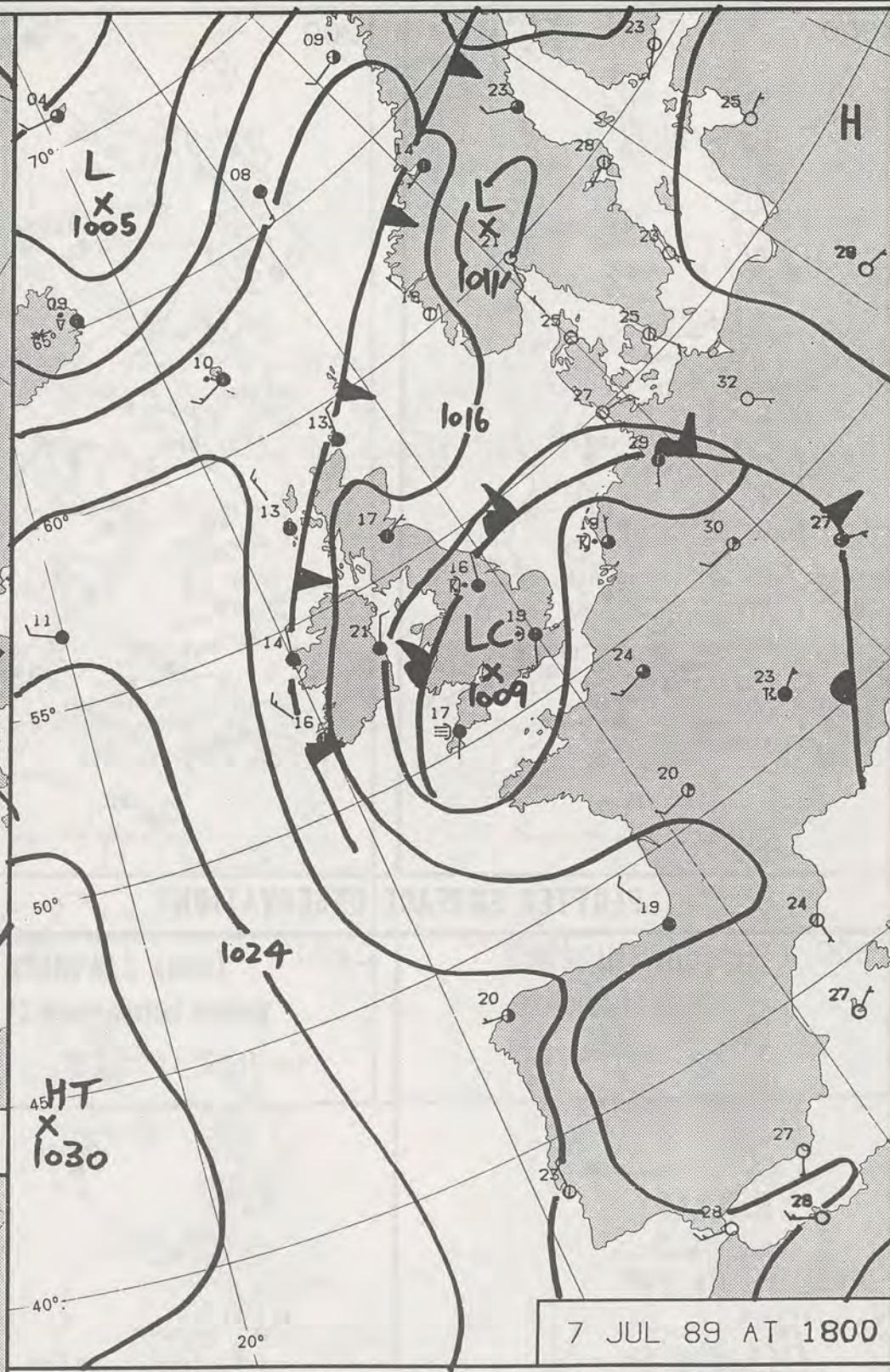
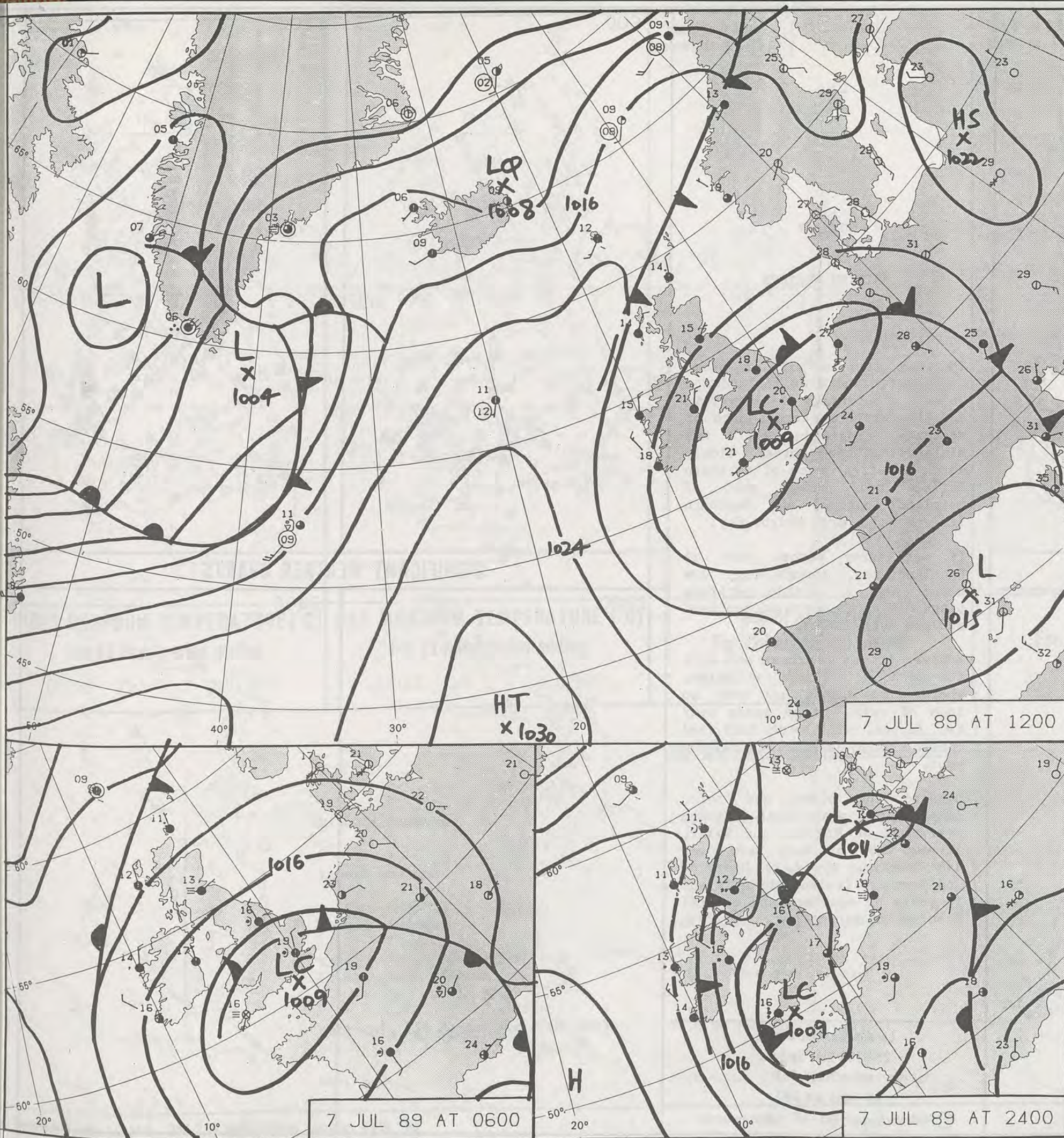
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A high-contrast, black and white photograph of a rocky, mountainous landscape. The terrain is rugged and steep, with deep shadows and bright highlights. A prominent, dark, vertical rock formation or cliff face is visible on the right side of the frame. The overall texture is rough and uneven.







DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR  
FRIDAY 7 JULY 1989

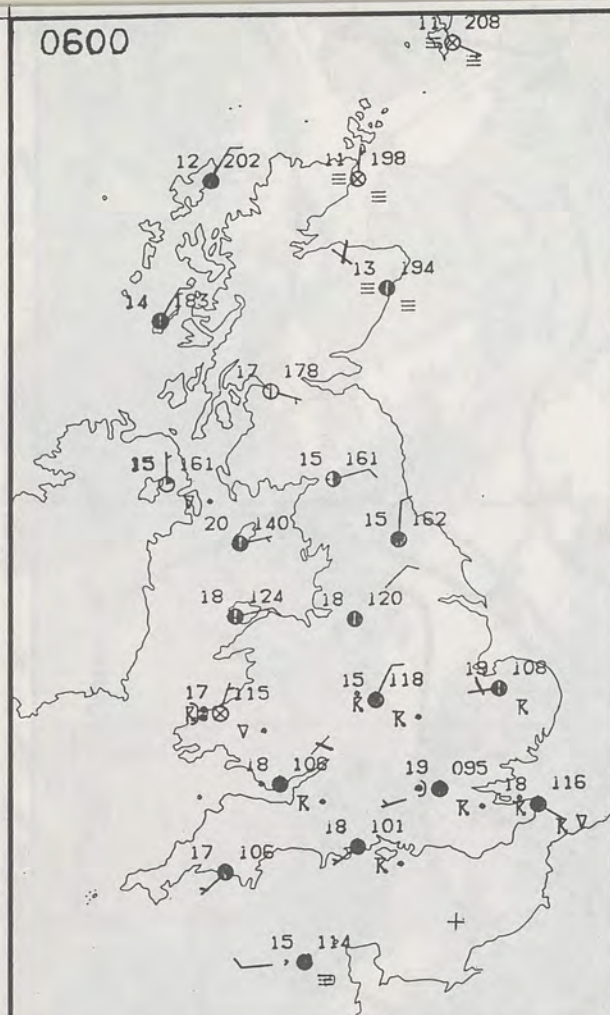
London Weather Centre 284-286 High Holborn London WC1V 7HX  
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Legend:  
Warm front (solid line with semicircles)  
Cold front (solid line with triangles)  
Occlusion (solid line with alternating triangles and semicircles)

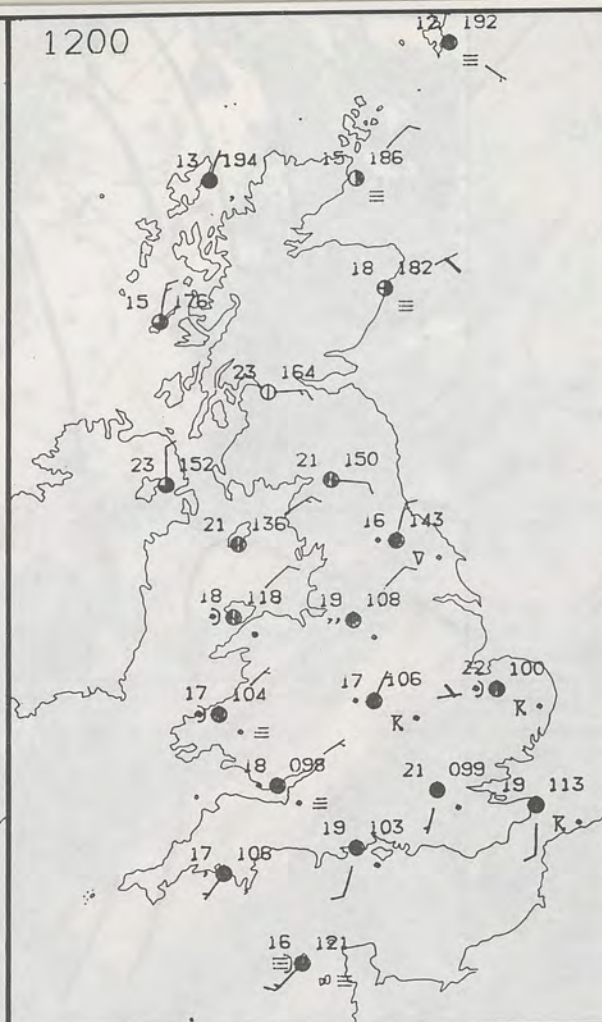
Met Office stamp: METEOROLOGICAL OFFICE 18 JUL 1989



0600

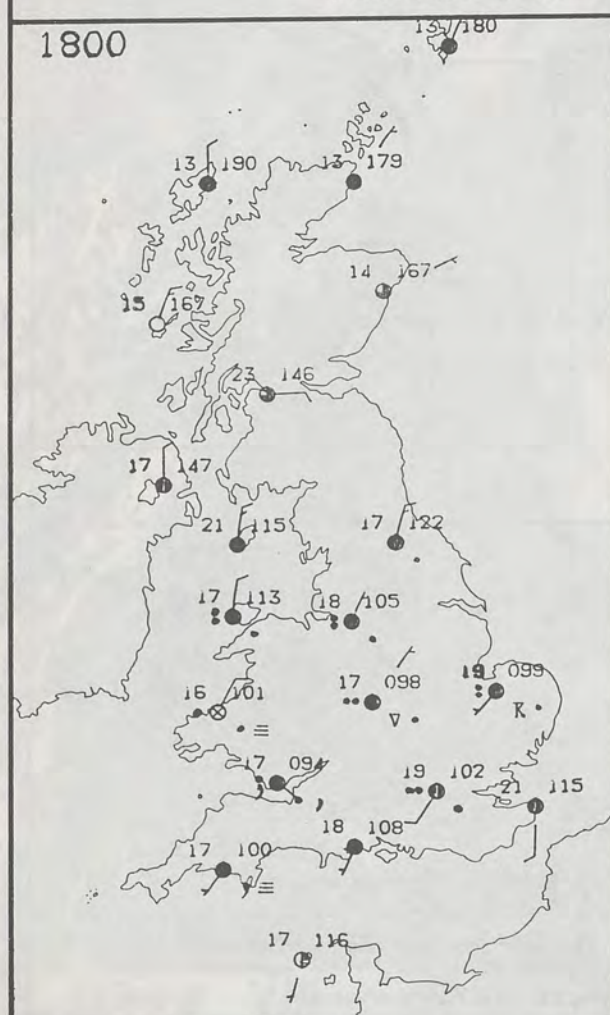


1200

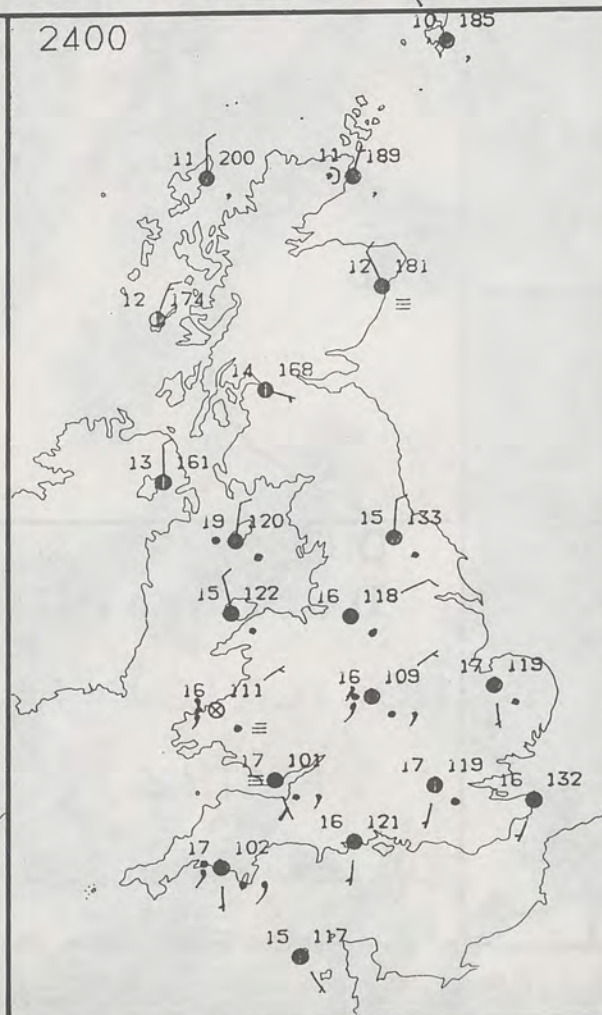


## PLOTTED SURFACE OBSERVATIONS

1800



2400

FRIDAY  
7 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

The day started with a broad swathe of cloud over England and Wales and outbreaks of heavy rain and thunderstorms across much of southern England and the Midlands. These spread slowly north to affect much of northern England too, though most of mainland Scotland and Northern Ireland had a dry, bright day.

It was sunny across much of Scotland too, though fog, low cloud and a little drizzle plagued the far north of Scotland and the Outer Isles.

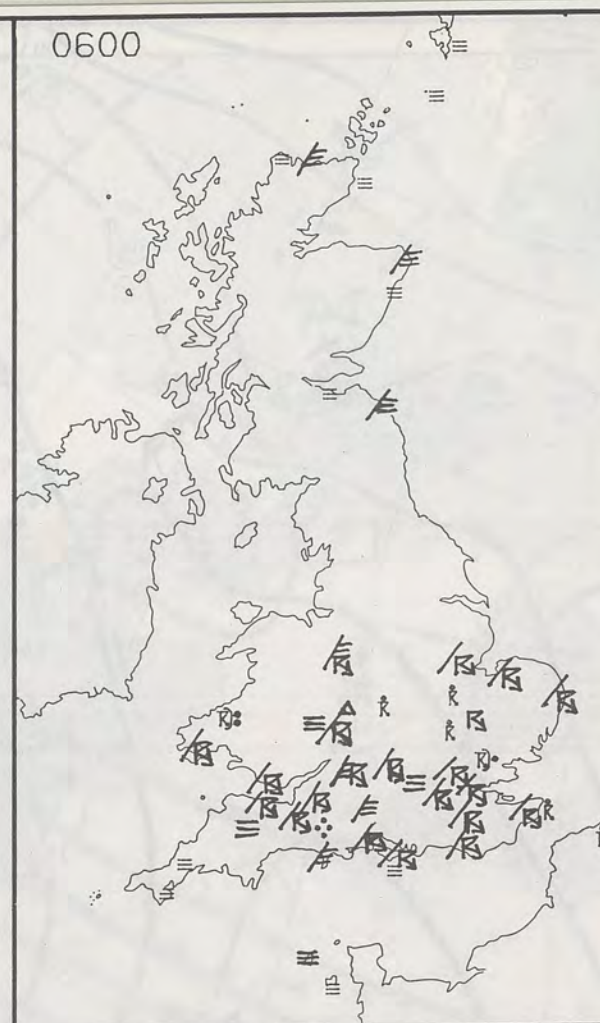
However it was overcast and dull for much of England and Wales, where many places had over an inch of rain; some areas over two inches, with much hill and coastal fog especially in the west.

Despite the cloud and rain, temperatures were near average over most of England and Wales, it was warm or very warm over East Anglia, the Lake District and Northern Ireland while inland in parts of southern and central Scotland it became hot.

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0600



1200

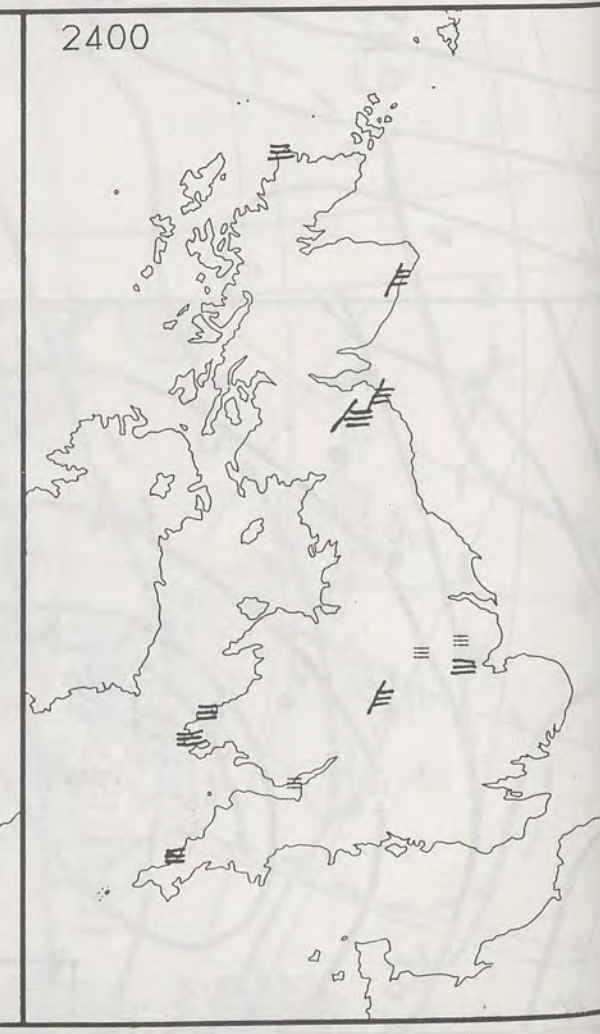


## SIGNIFICANT WEATHER CHARTS

1800



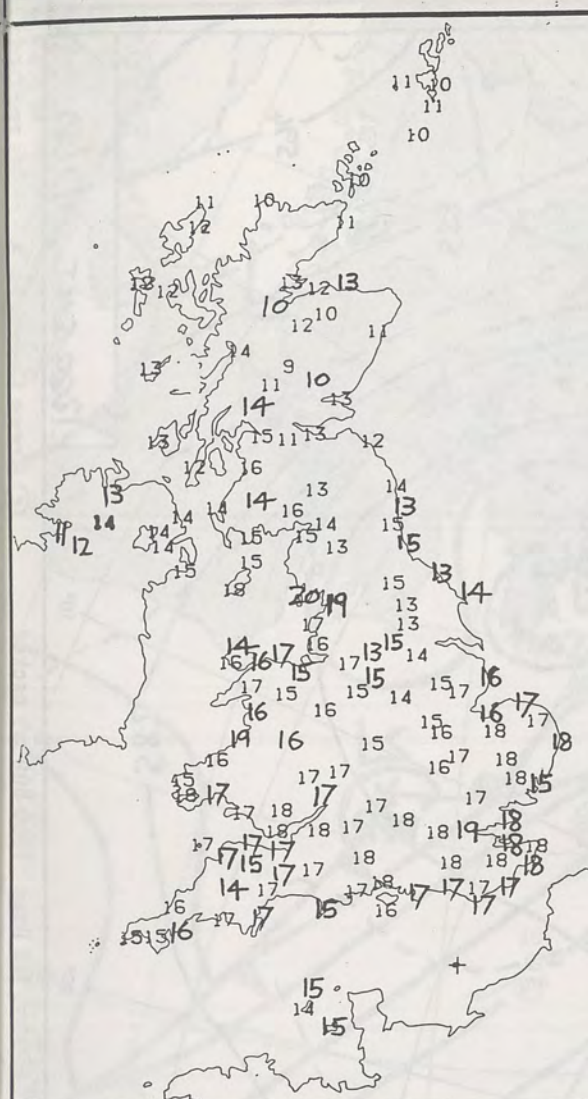
2400



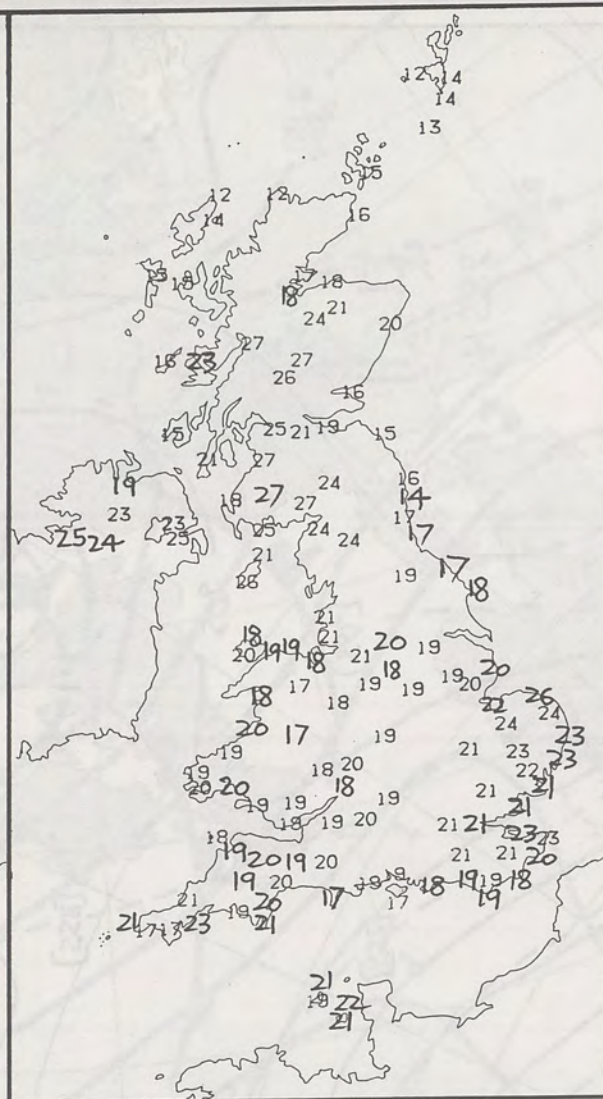
NIG

Lonc

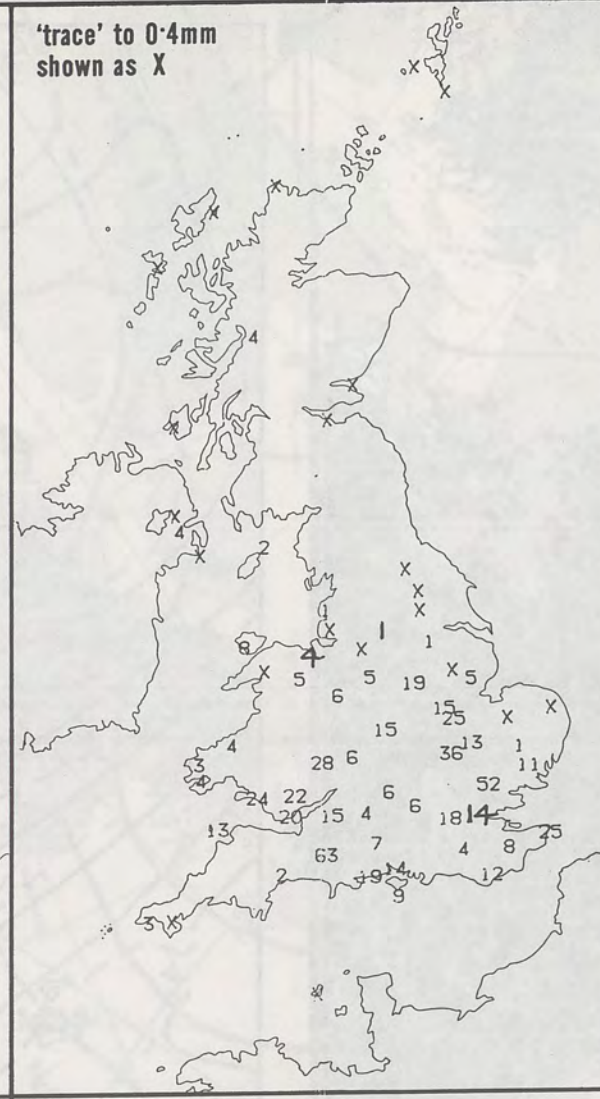




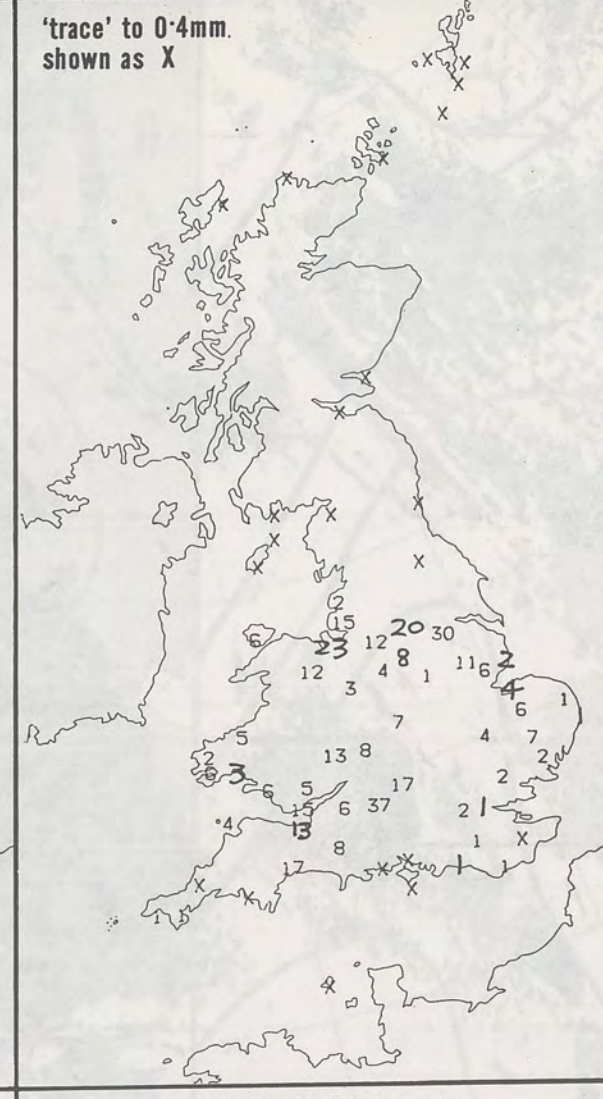
**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 7 JUL 89



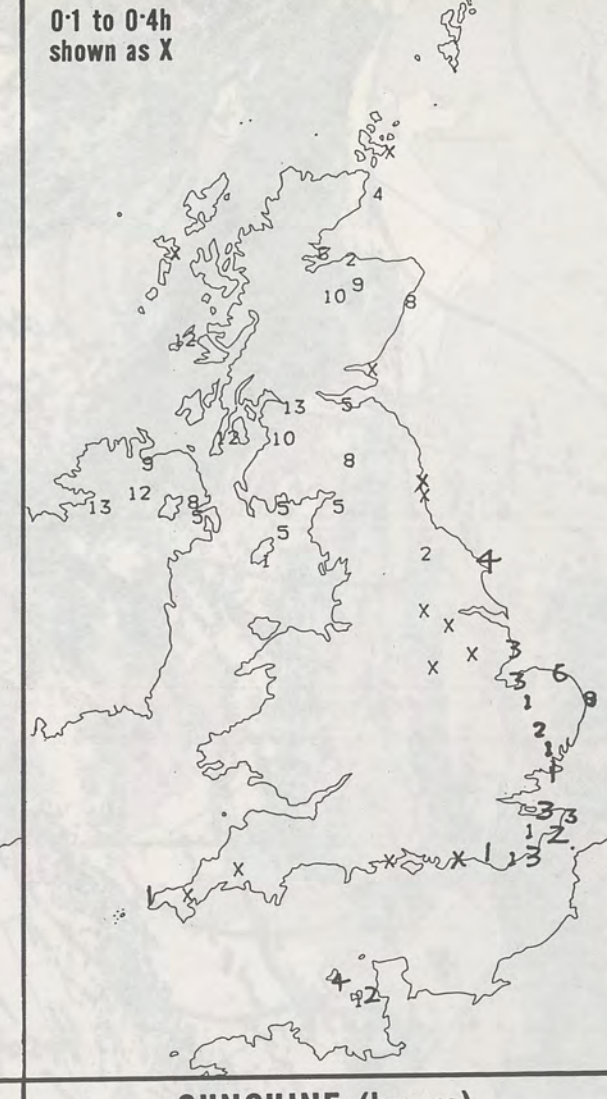
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 7 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 7 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 7 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
7 JUL 89

**EXTREMES FOR FRIDAY 7TH JULY 1989**

Highest maximum	:	27.4°C Fort William (Loch Linnhe)
Lowest maximum	:	11.7°C Cape Wrath (N Scotland)
Lowest minimum	:	8.9°C Tummel Bridge (Tayside)
Lowest grass minimum	:	5.8°C Inverness/Dalcross
Most rain (24 hours from 0900 GMT)	:	45.0 mm Burrington (Devon)
Most sun	:	13.0 hours Corgary/Co Fermanagh

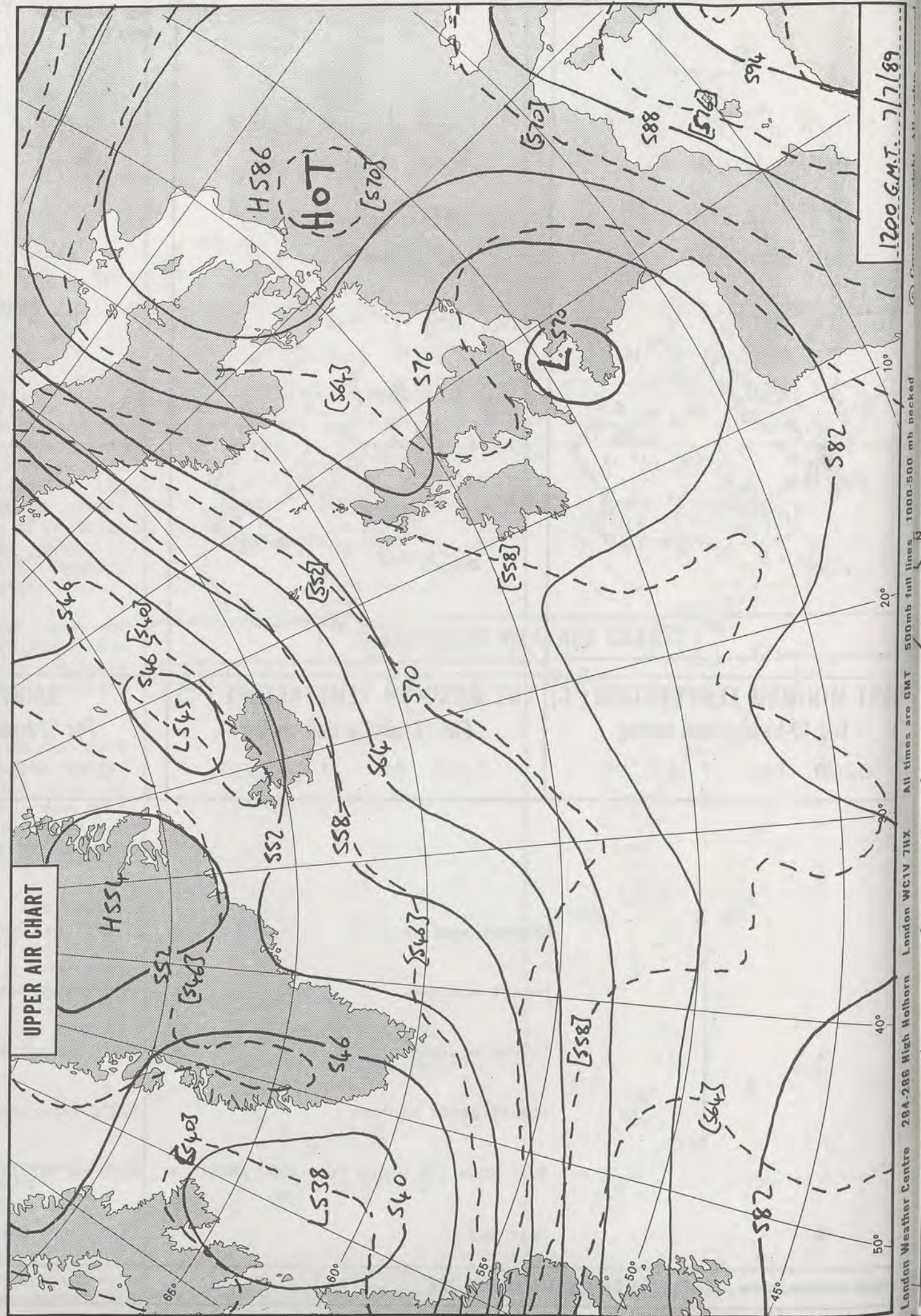
**DAILY  
WEATHER  
SUMMARY**



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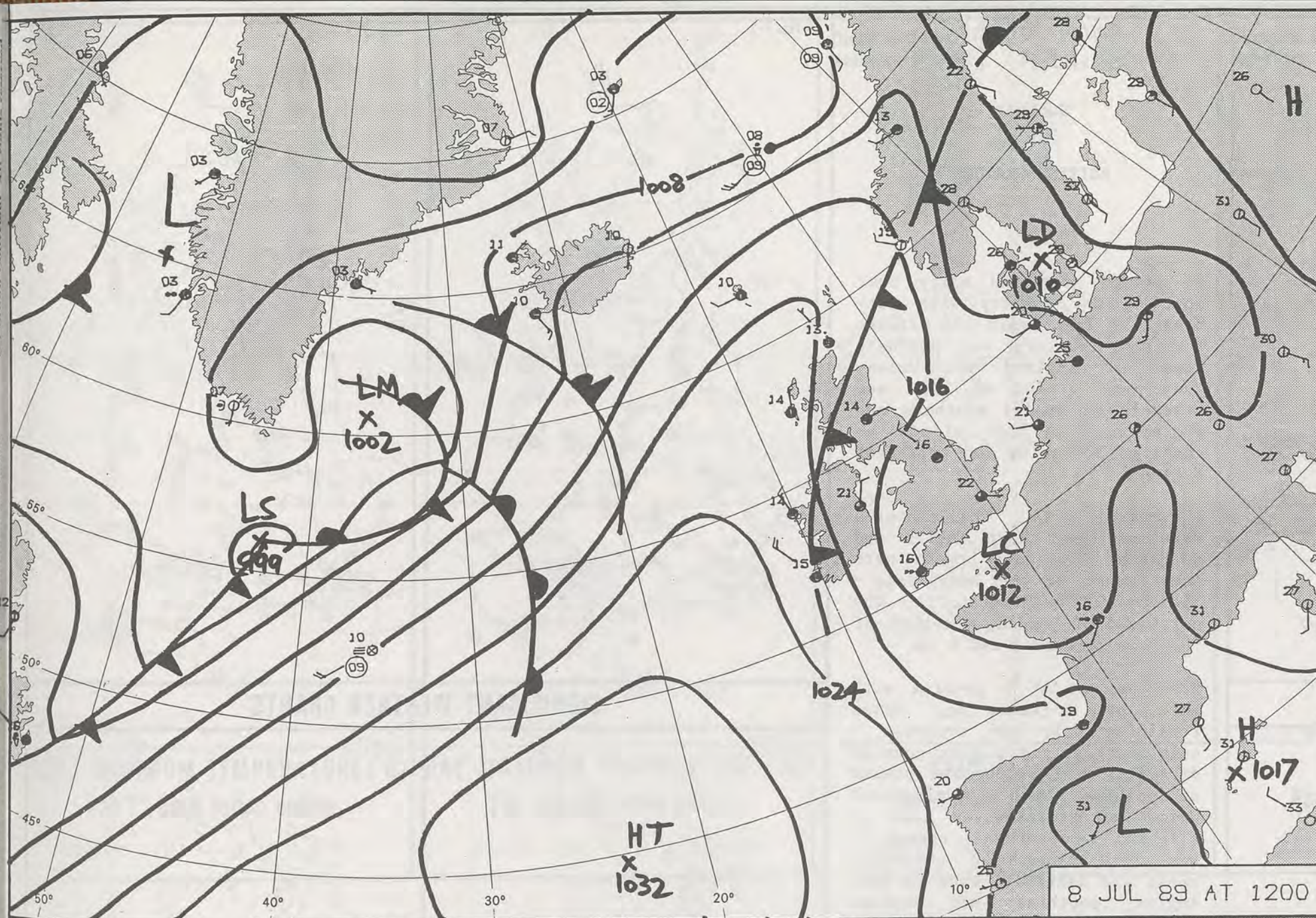
1317Z VIS 7/7/89



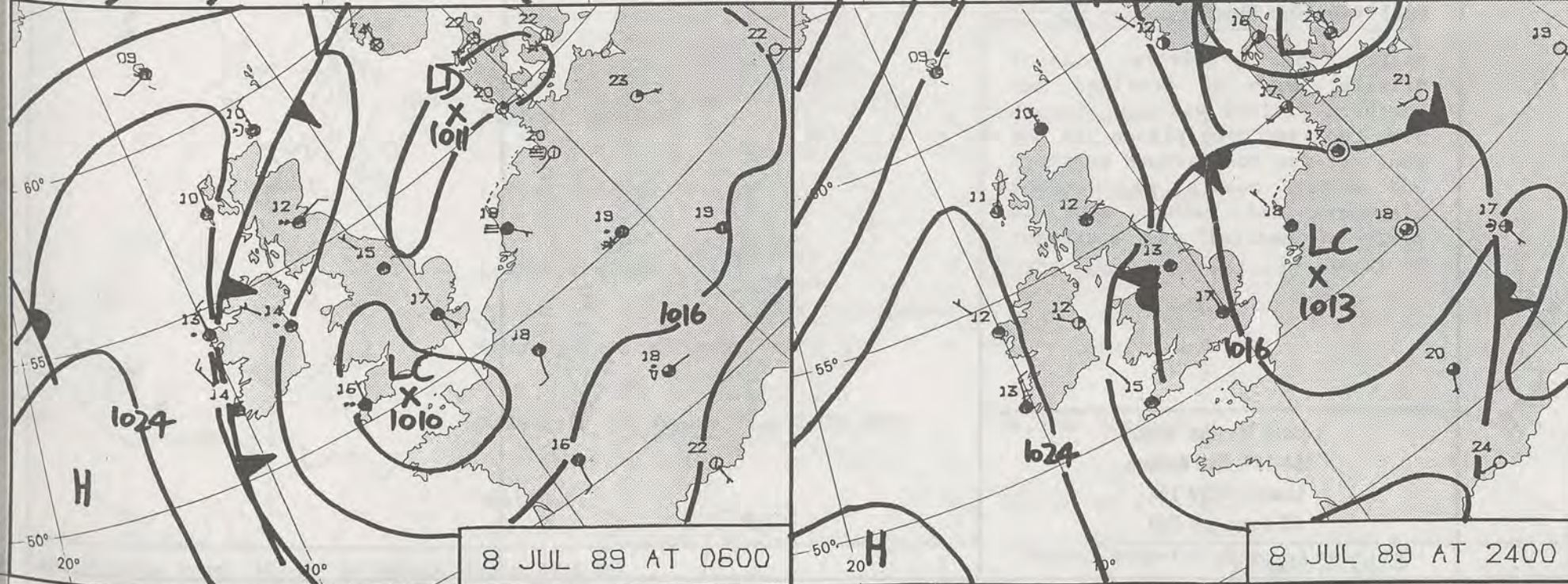


1000 GMT 7/7/89

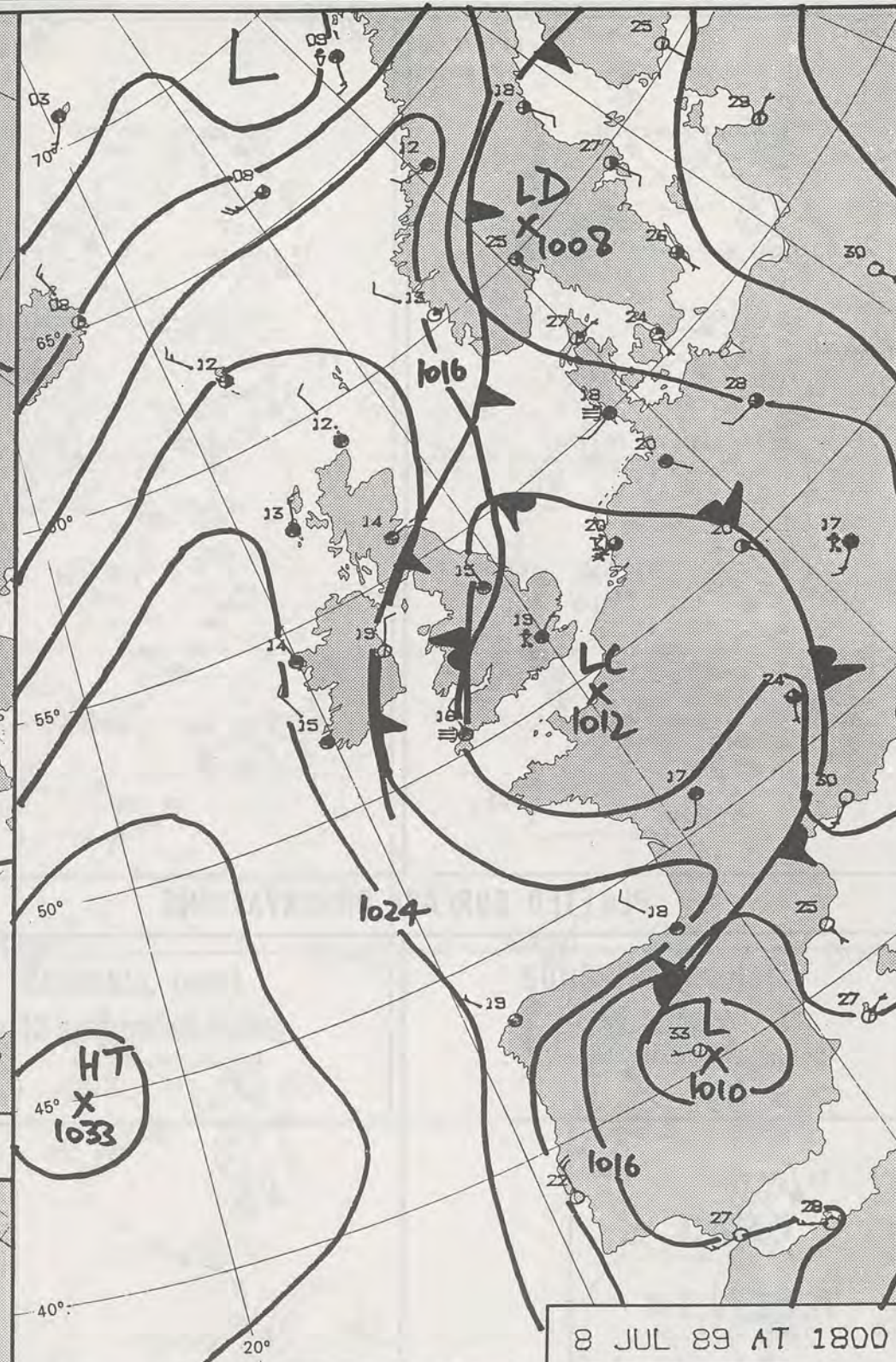
London Weather Centre 284-286 High Holborn London WC1V 7HX All times are GMT 500mb full lines 1000-500 mb packed



8 JUL 89 AT 1200



8 JUL 89 AT 0600



8 JUL 89 AT 1800

DUPLICATE ALSO  
DAILY WEATHER SUMMARY

NOT FOR LOAN FOR

SATURDAY 8 JULY 1989

Warm front Cold front Occlusion

London Weather Centre 284-286 High Holborn London WC1V 7HX

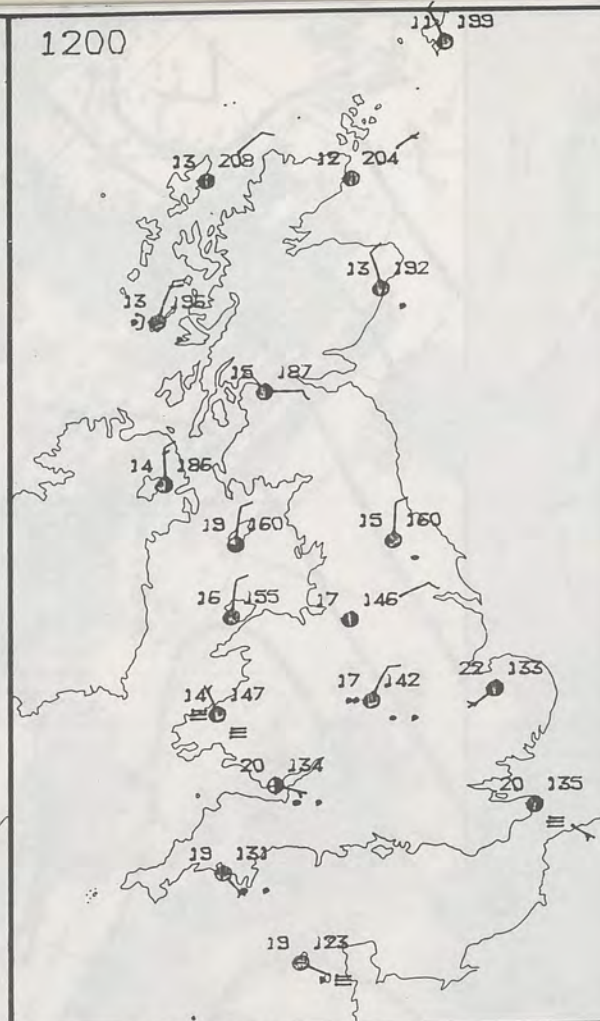
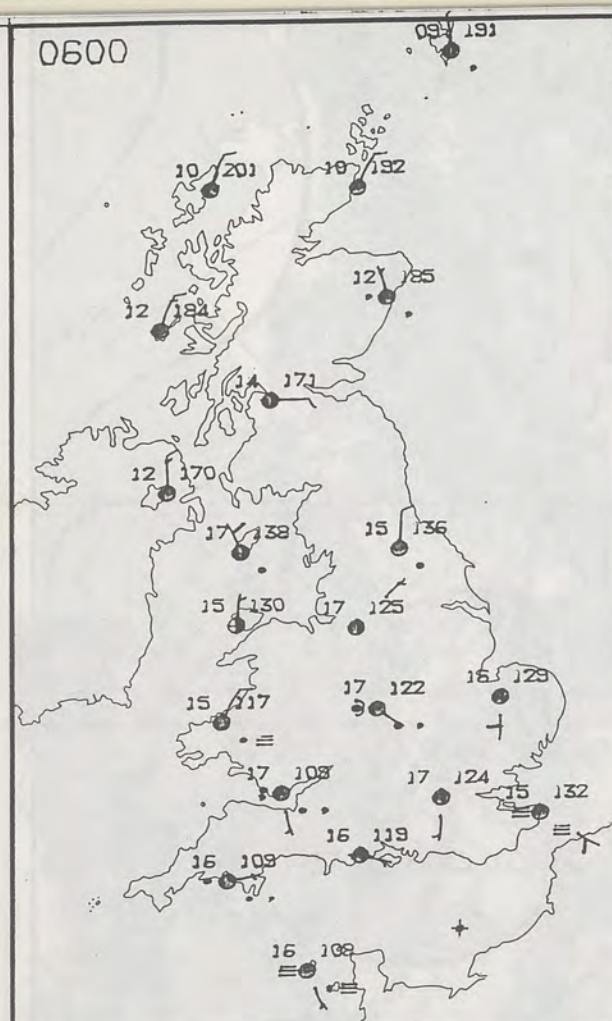
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0600

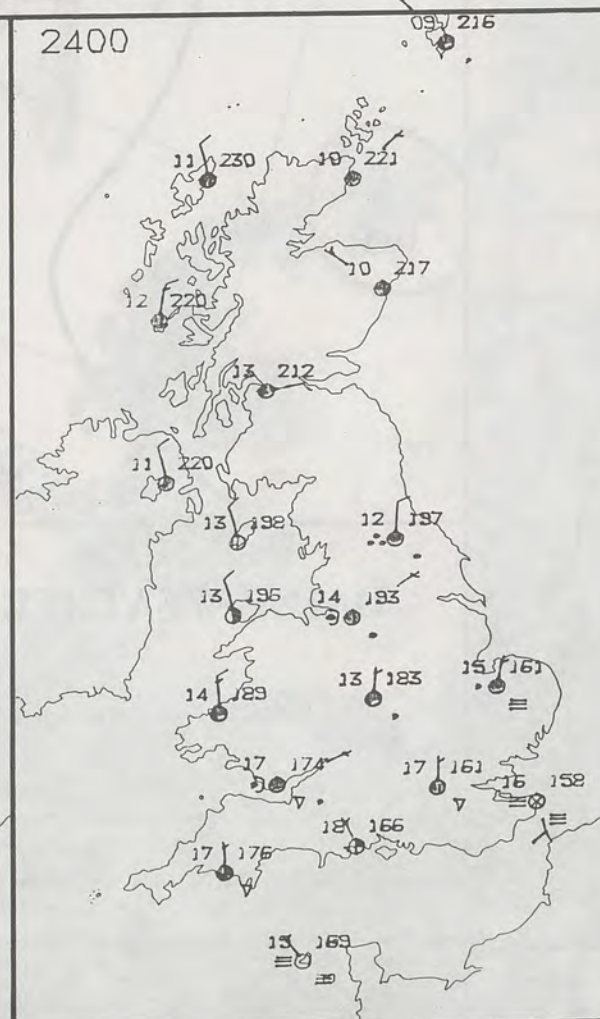
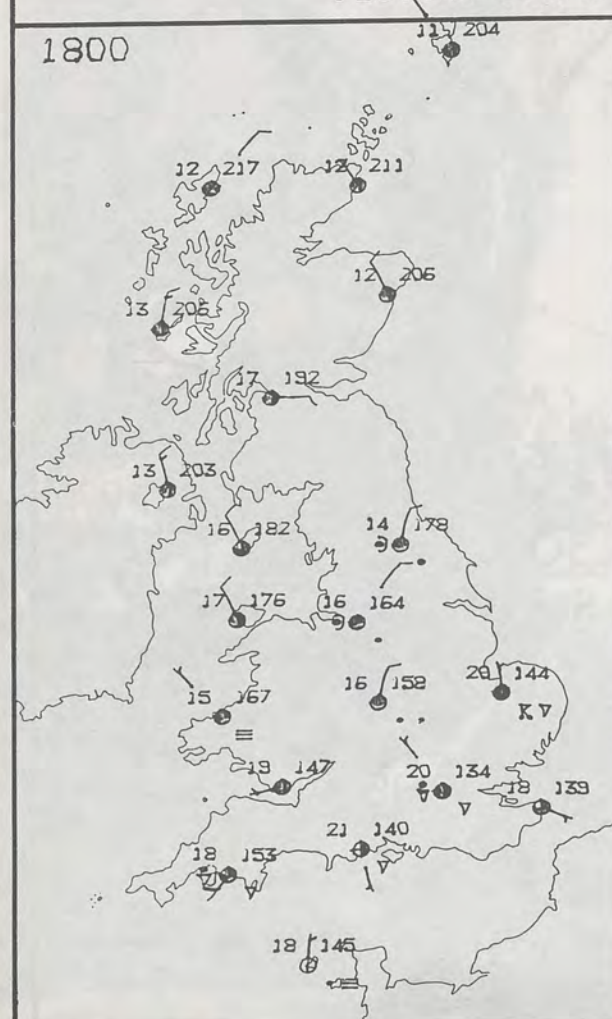
1200



## PLOTTED SURFACE OBSERVATIONS

1800

2400

SATURDAY  
8 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

It dawned grey and misty over most of the country with outbreaks of light rain and drizzle for many western and northern areas of England and Wales. There was a lot of hill and coastal fog around southern and western coasts and along the coast of Yorkshire and northeast England.

Showers and thunderstorms developed over East Anglia and southeast England - there were some reports of very heavy rain - 36 mm fell at Northolt to the northwest of London, and most of that was between 5 and 6 pm.

Sunshine was at a premium with much of England and Wales remaining dull and overcast - only southern and eastern coastal districts had reasonable spells of sunshine. Much of England and Wales had temperatures near or slightly above normal, though it was cool along the northeast coast and decidedly warm in East Anglia, southeast and central southern England.

Apart from a little coastal drizzle, much of Scotland and Northern Ireland was dry, though here too, not many places saw the sun. It was cool around northern and eastern coasts, near normal elsewhere and rather warm in parts of central and southwest Scotland.

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London WC1V 7HX  
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0600

1200



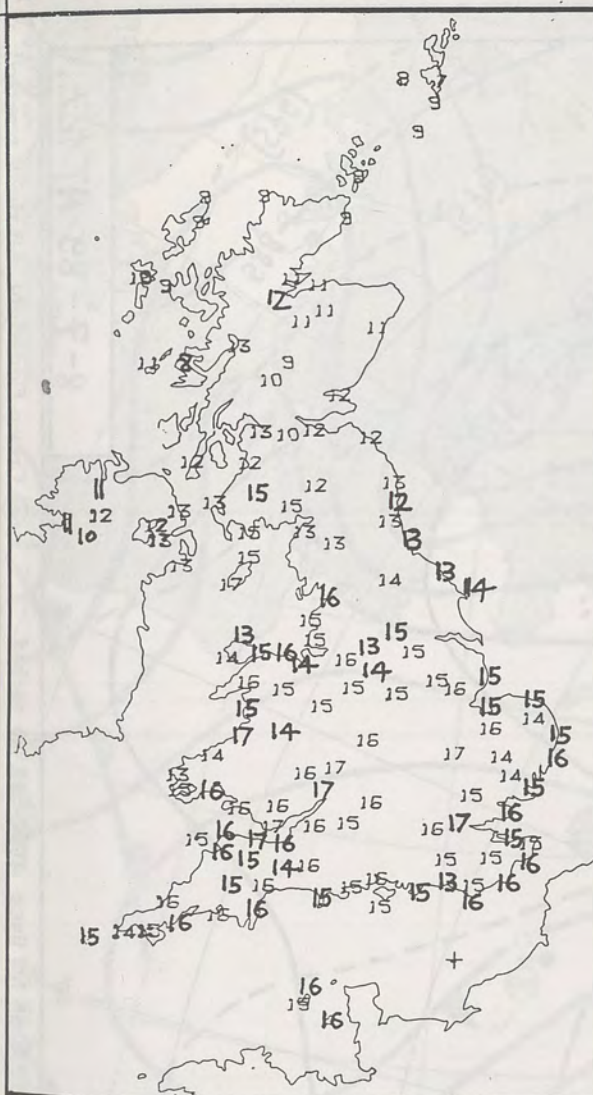
## SIGNIFICANT WEATHER CHARTS

1800

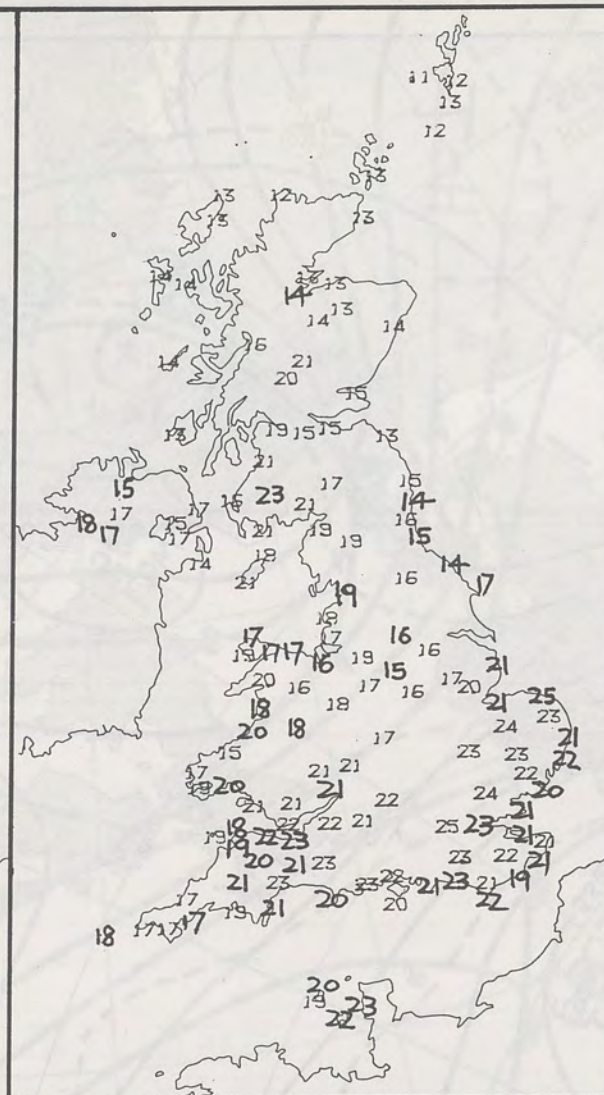
2400



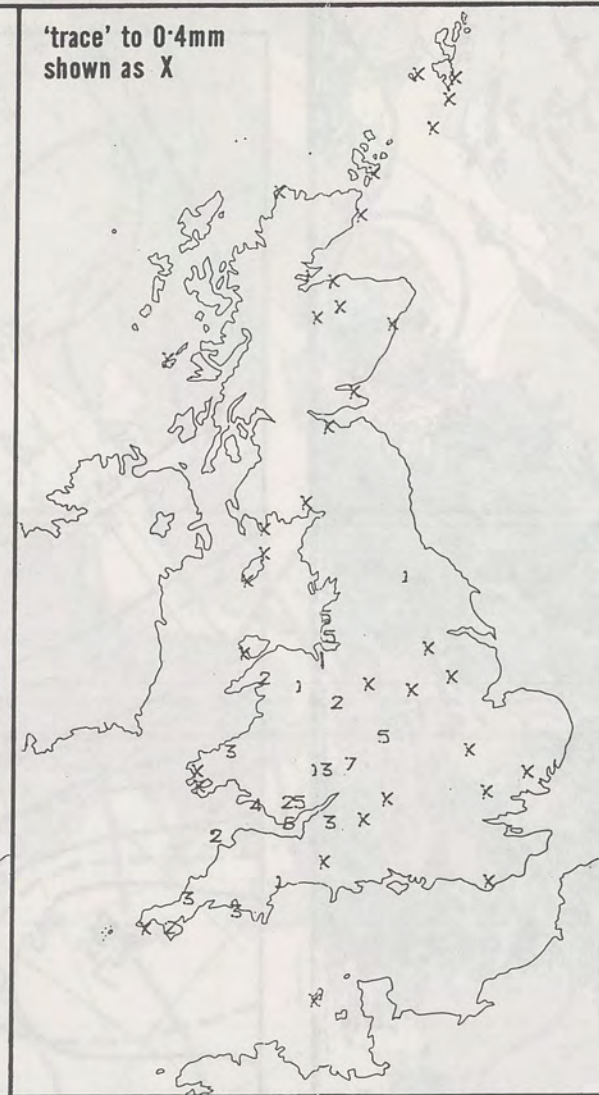




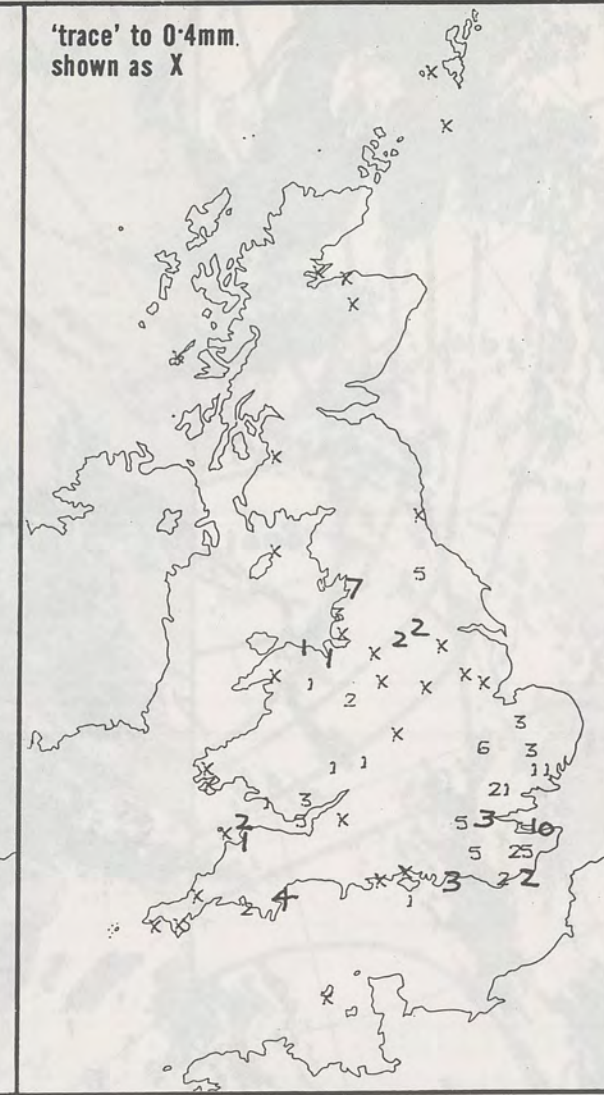
**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 8 JUL 89



**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 8 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 8 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 8 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
8 JUL 89

**EXTREMES FOR SATURDAY 8TH JULY 1989**

Highest maximum	: 25.0°C Cromer
Lowest maximum	: 11.5°C Fair Isle
Lowest minimum	: 7.5°C Lerwick (Shetland)
Lowest grass minimum	: 7.0°C Lerwick and Killin
Most rain (24 hours from 0900 GMT)	: 36.3 mm Northolt (London)
Most sun	: 12.0 hours Prestwick

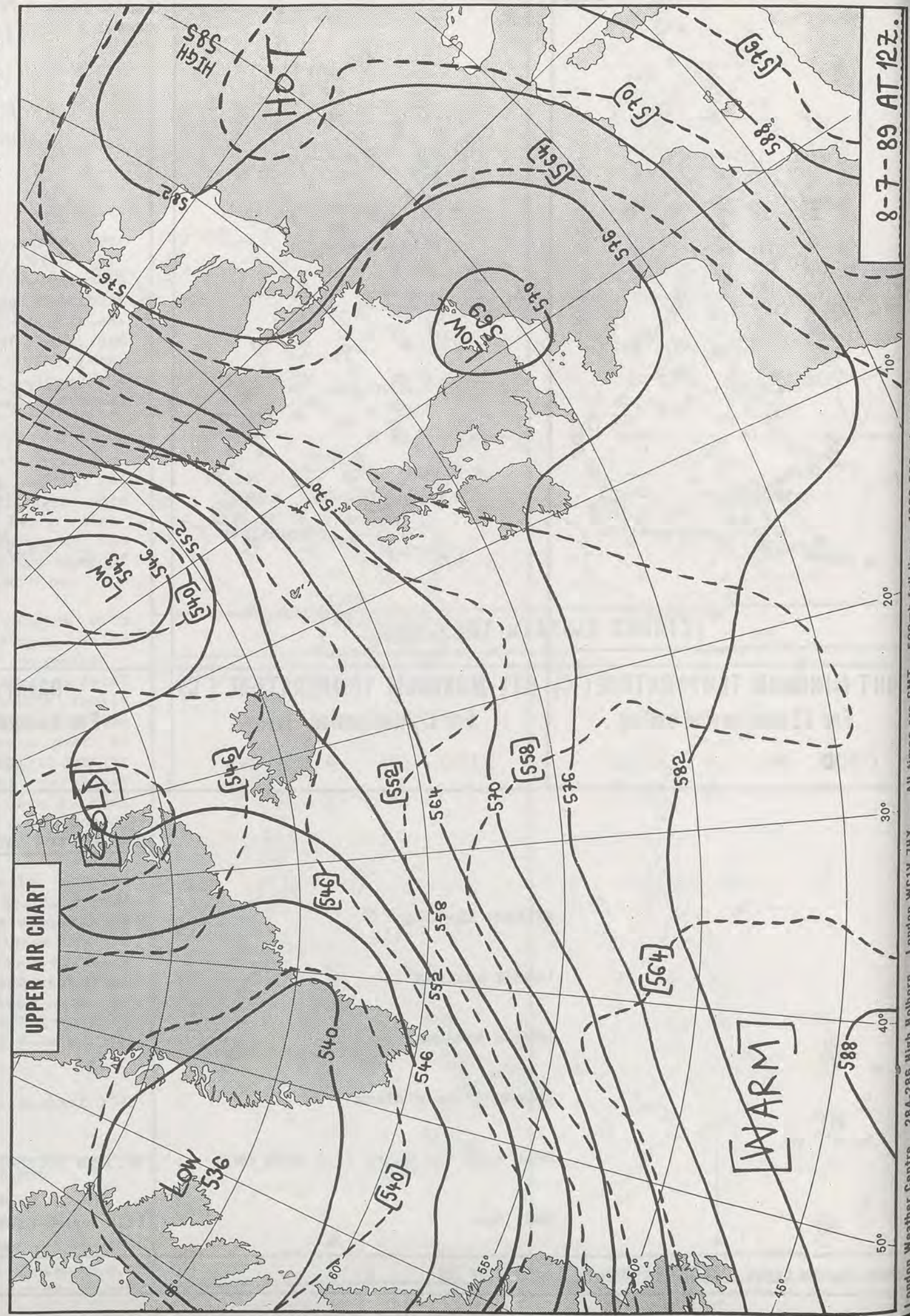
**DAILY  
WEATHER  
SUMMARY**



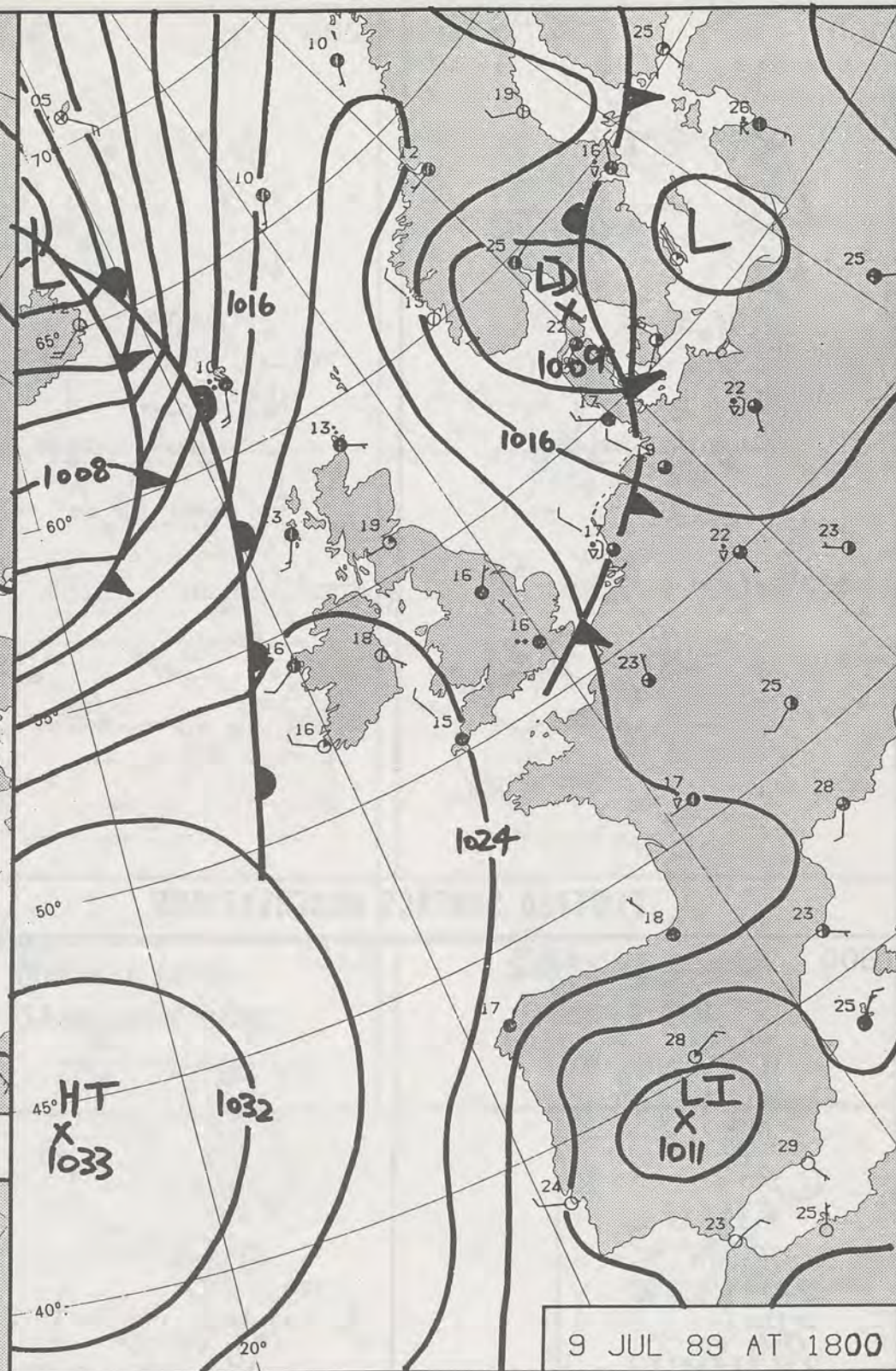
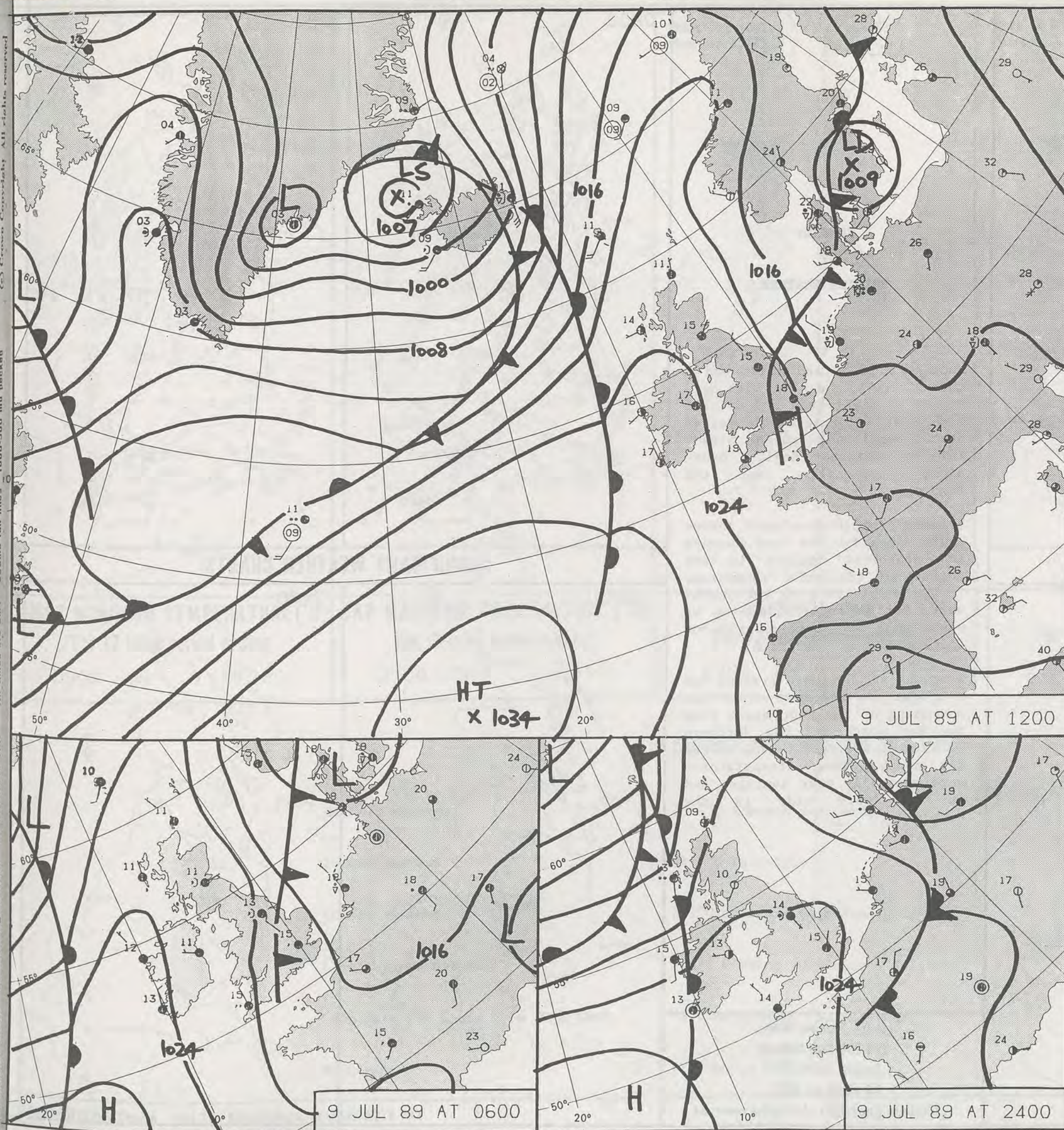
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8/7/89







DUPLICATE ALSO  
DAILY WEATHER SUMMARY

NOT FOR LOAN FOR

SUNDAY 9 JULY 1989

 Warm front     Cold front     Occlusion

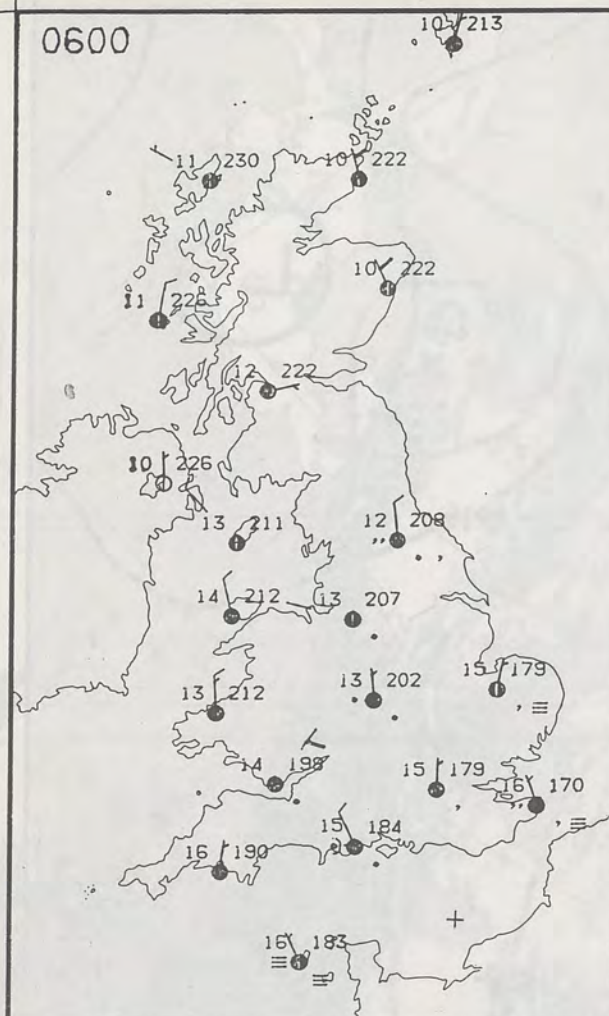
**London Weather Centre 284-286 High Holborn London WC1V 7HX**

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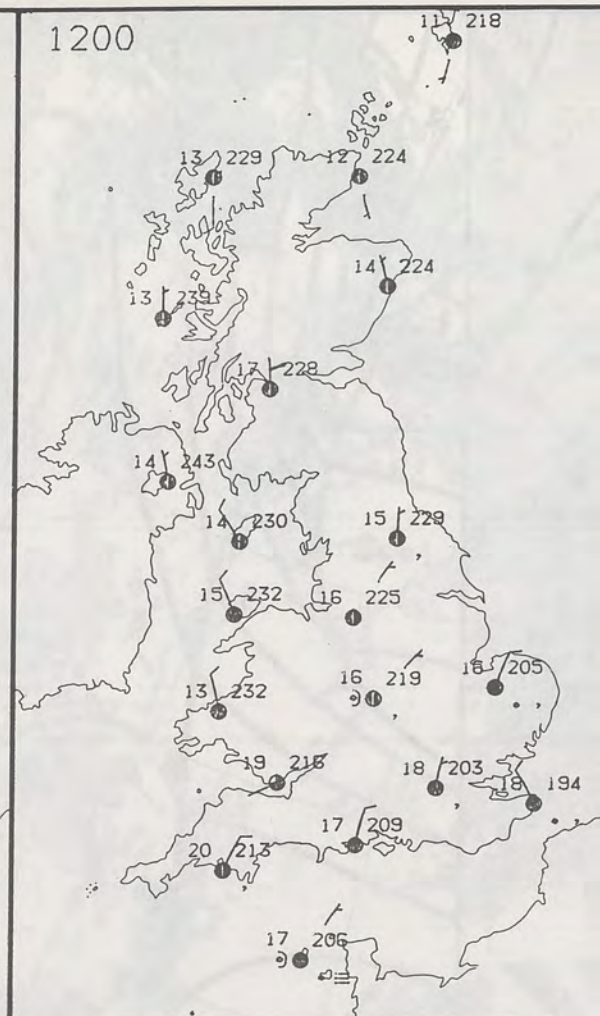




0600

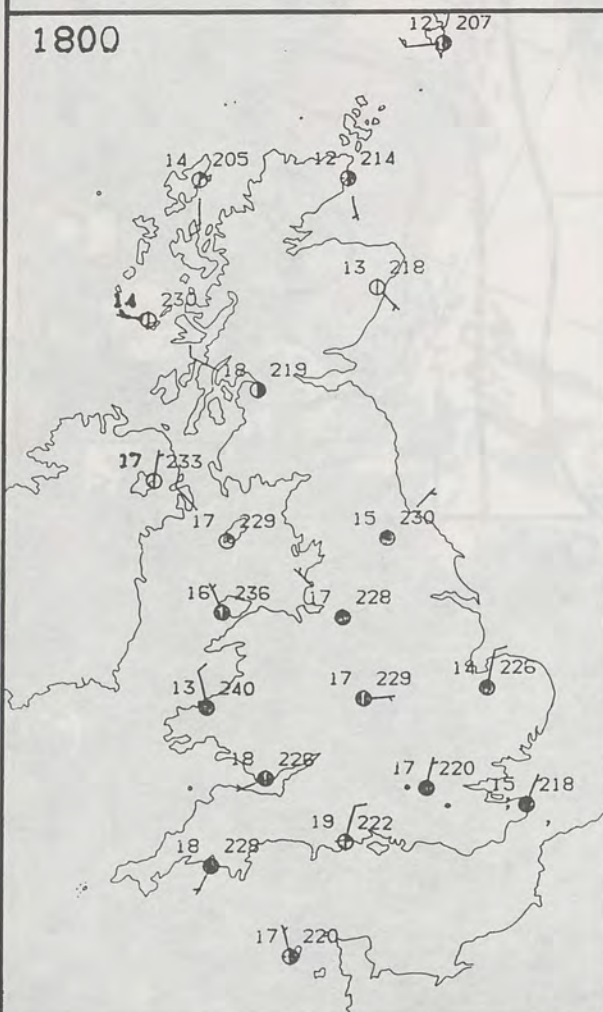


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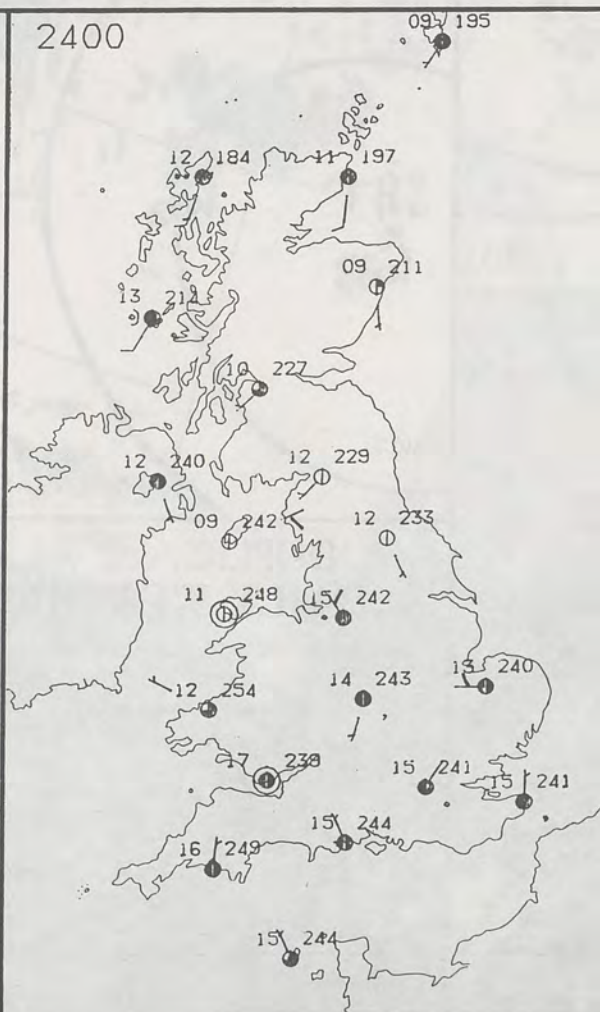


## PLOTTED SURFACE OBSERVATIONS

1800



2400



SUNDAY  
9 JULY 1989

SUMMARY  
OF  
BRITISH WEATHER

Much of England and Wales had a rather cloudy, damp day with outbreaks of light rain and drizzle for most districts. Rather static conditions brought steady rain to northeast England overnight, especially over the Pennines.

Brighter spells developed across South Wales and the West Country and southwest England in the shelter of the Welsh mountains. It was mostly warm in the southwest, but generally speaking it was a cool day, particularly for eastern coastal districts.

Scotland and Northern Ireland had a bright day and most areas saw something of the sun, apart from the far north and the Northern Isles. It was rather cool in the far north, though temperatures were generally near average, and on the warm side in the highlands.

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London WC1V 7HX  
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0600



1200



## SIGNIFICANT WEATHER CHARTS

1800



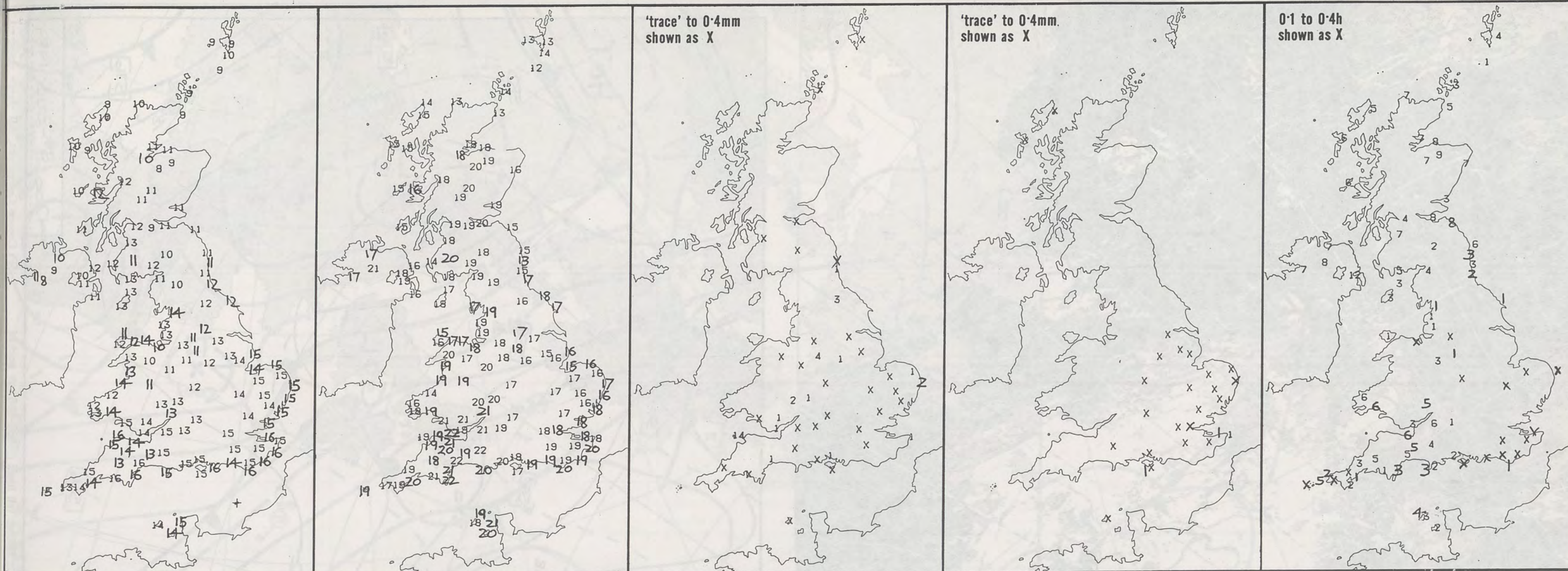
2400



NIGHT

London





NIGHT MINIMUM TEMPERATURE (°C) For 12-hour period ending 0900 ON 9 JUL 89	DAY MAXIMUM TEMPERATURE (°C) For 12-hour period ending 2100 ON 9 JUL 89	RAINFALL (mm) For 12-hour period ending 0900 ON 9 JUL 89	RAINFALL (mm) For 12-hour period ending 2100 ON 9 JUL 89	SUNSHINE (hours) Dawn to dusk 9 JUL 89
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#### EXTREMES FOR SUNDAY 9TH JULY 1989

Highest maximum	: 22.1°C Exmouth and Cardiff
Lowest maximum	: 11.8°C Fair Isle
Lowest minimum	: 8.1°C Aviemore (Highland)
Lowest grass minimum	: 4.8°C Glenlee (Dumfries & Galloway)
Most rain (24 hours from 0900 GMT)	: 11.8 mm Kilmory (SW Highland)
Most sun	: 11.9 hours Belfast

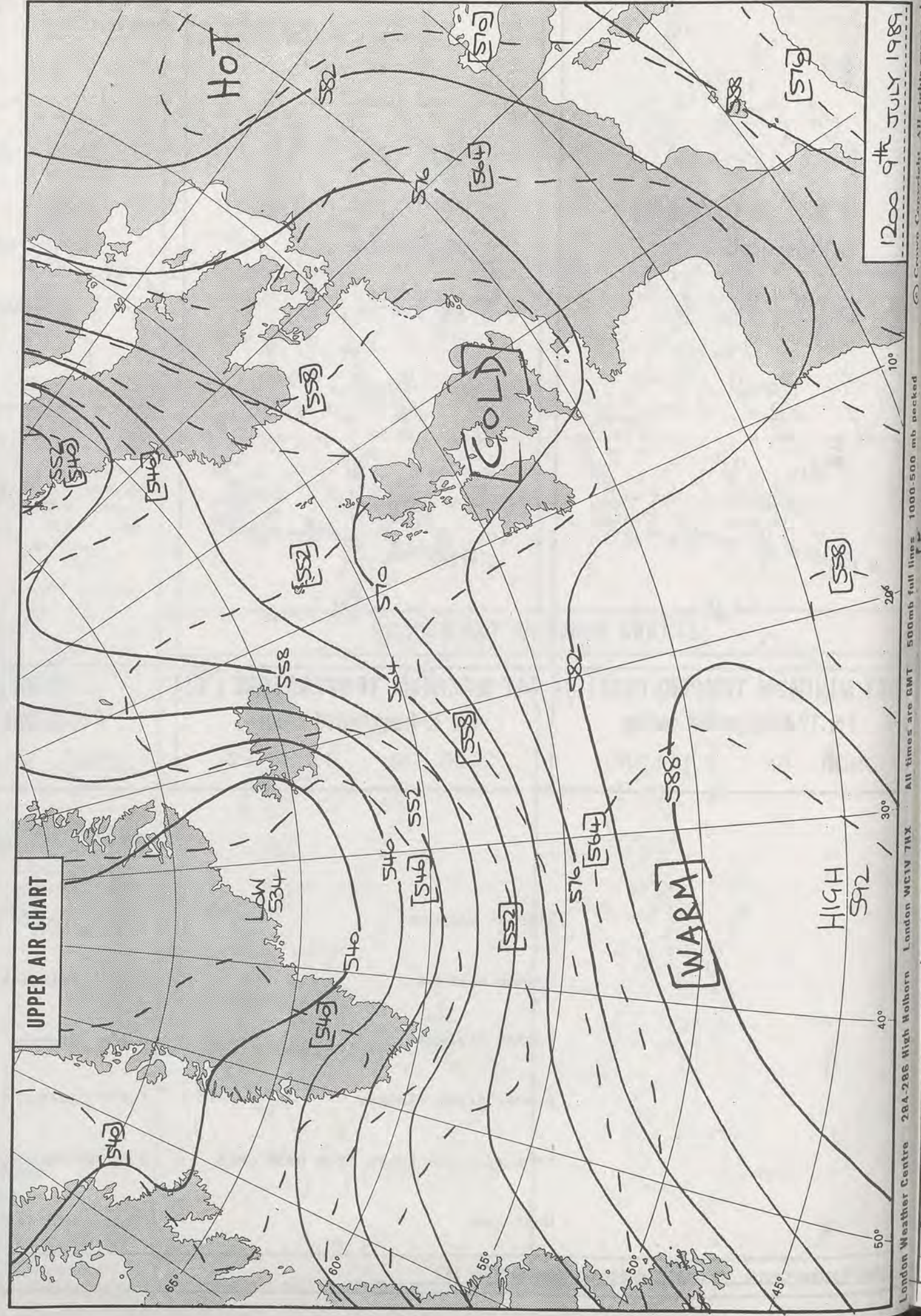
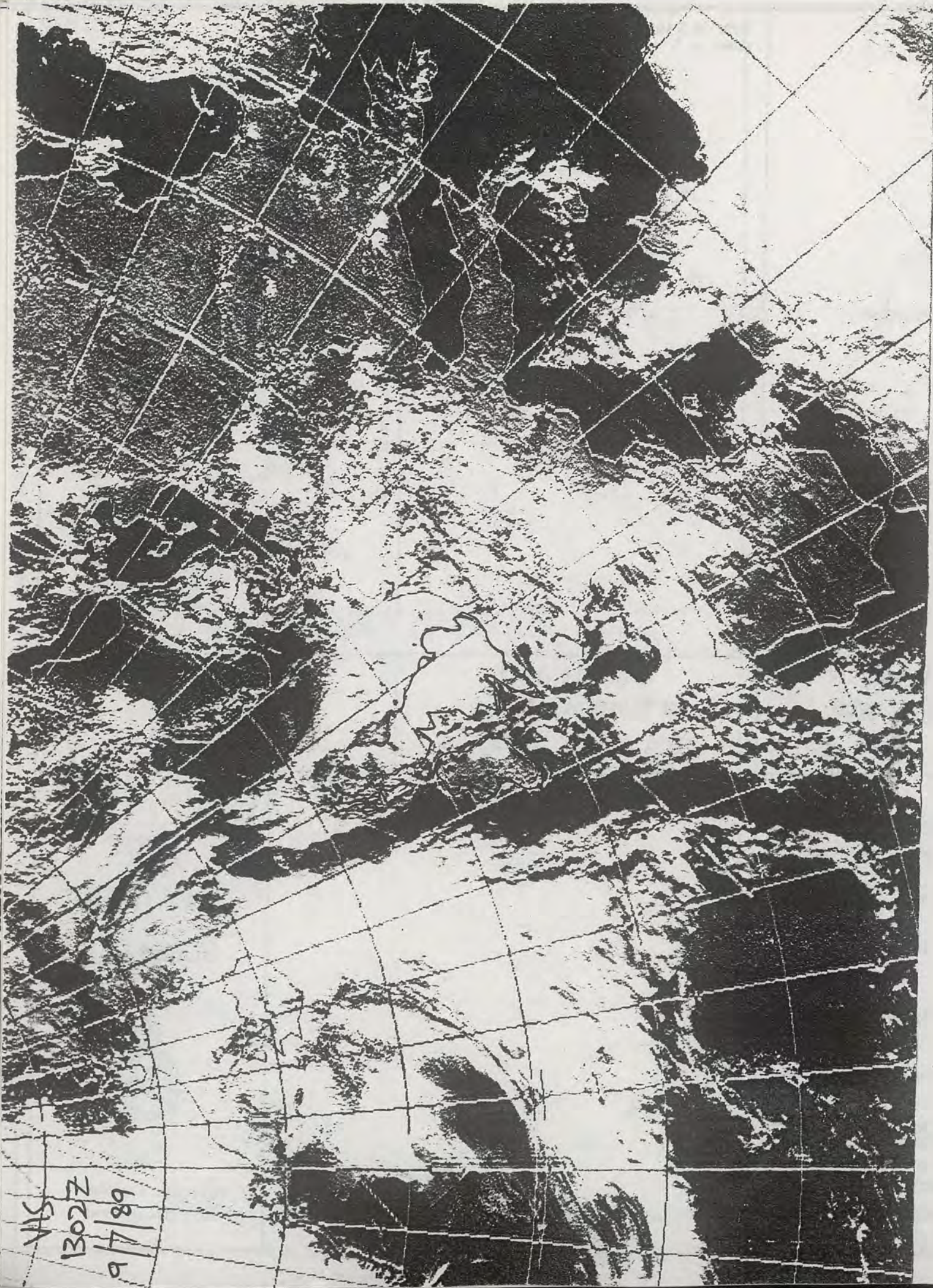
#### DAILY WEATHER SUMMARY



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VIS  
1302Z  
9/7/89

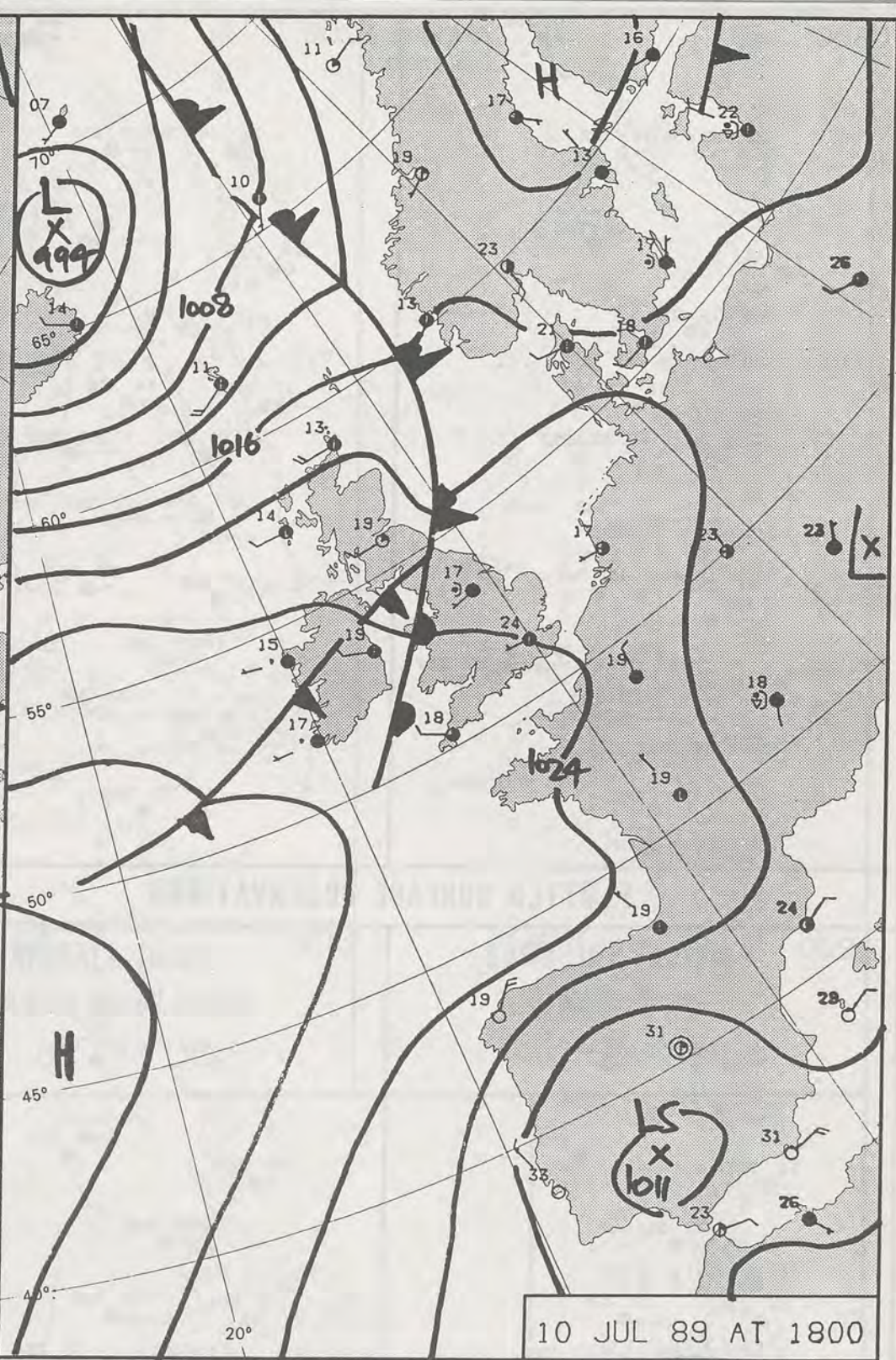
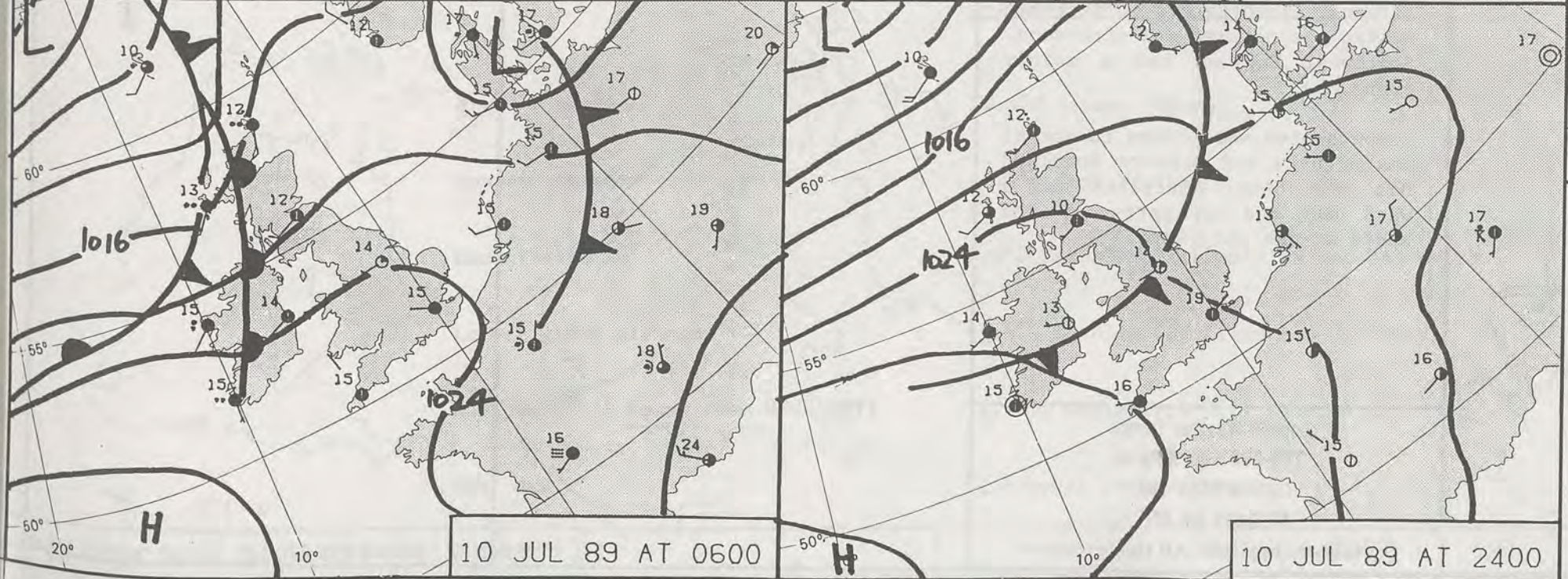
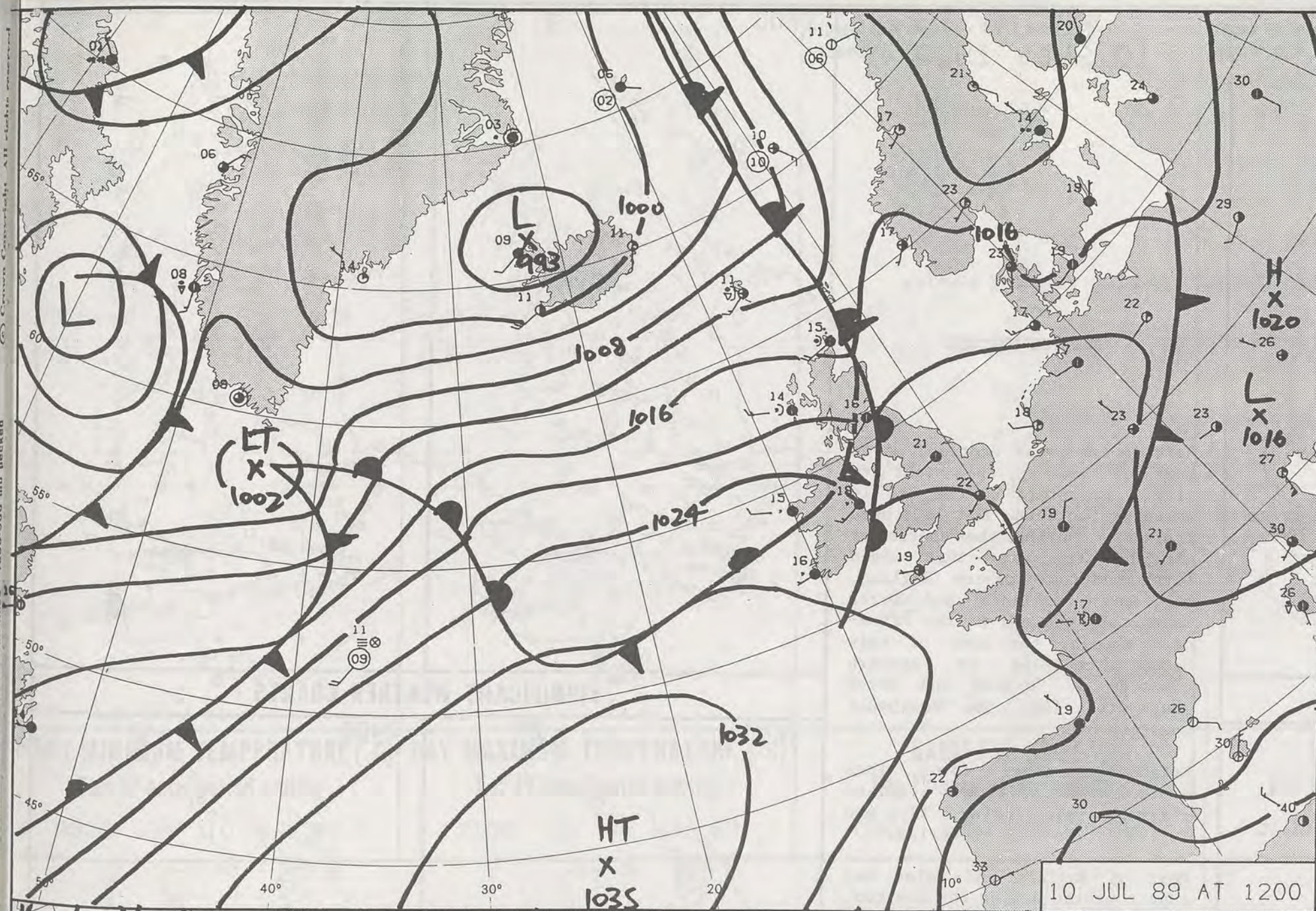




1200 GMT JULY 1989

10° 20° 30°

London Weather Centre 284-286 High Holborn London WC1V 7HX All times are GMT 500mb full lines 1000-500 mb packed



DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR  
MONDAY 10 JULY 1989

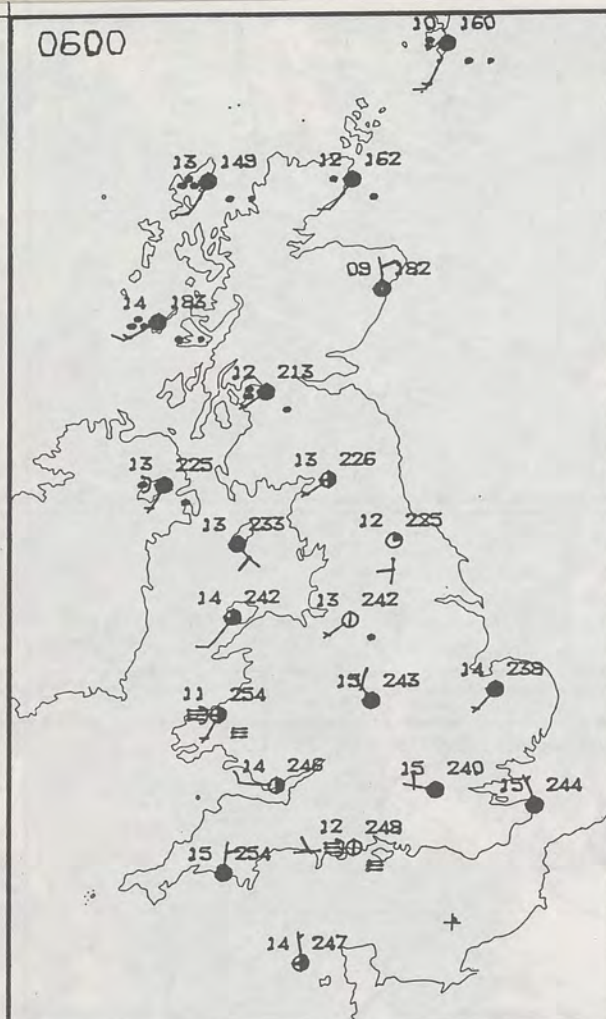
London Weather Centre 284-286 High Holborn London WC1V 7HX

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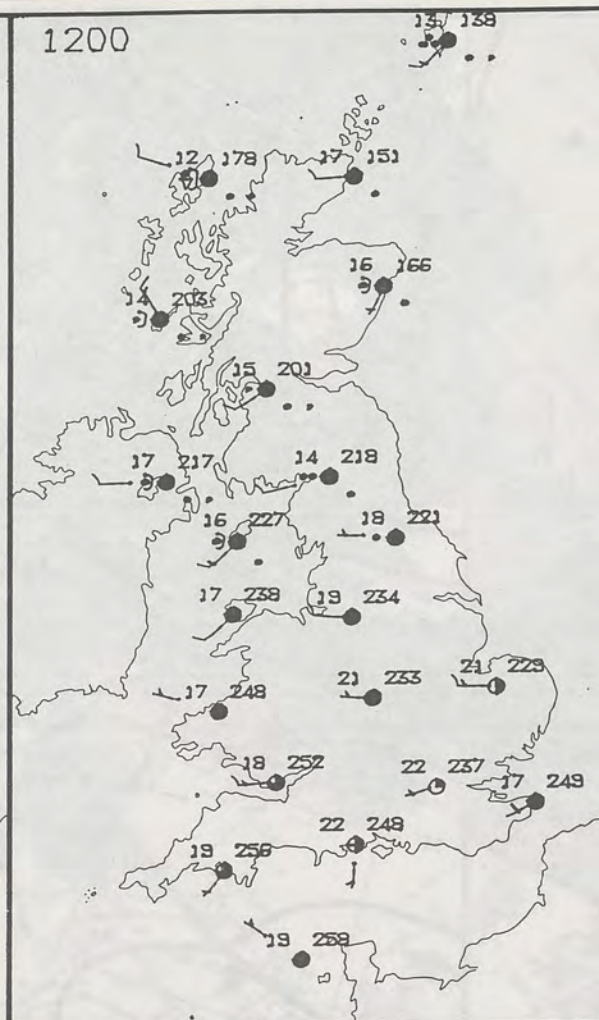
10 JUL 89 AT 0600 10 JUL 89 AT 2400 10 JUL 89 AT 1800



0600

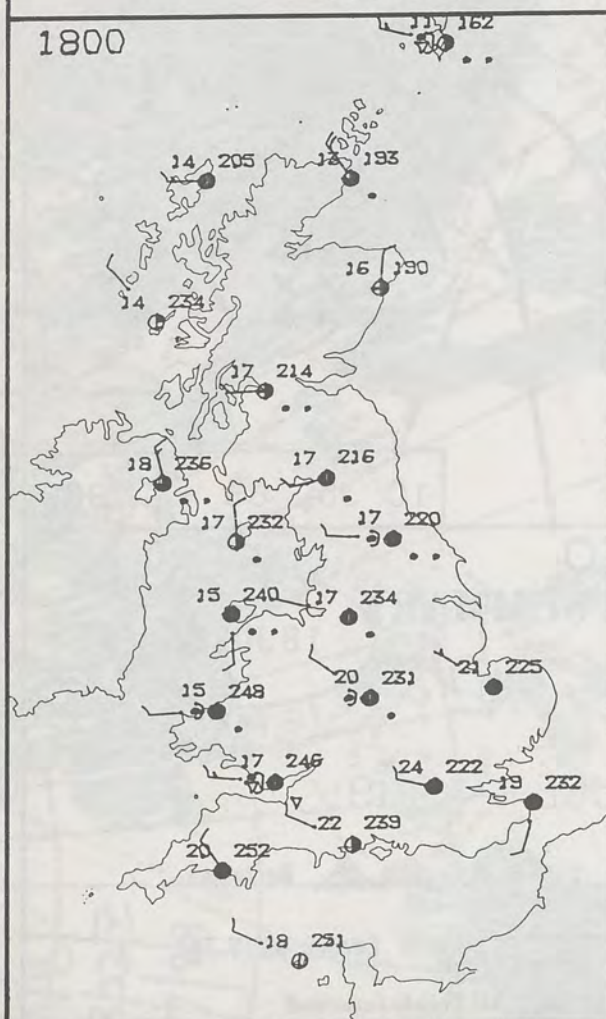


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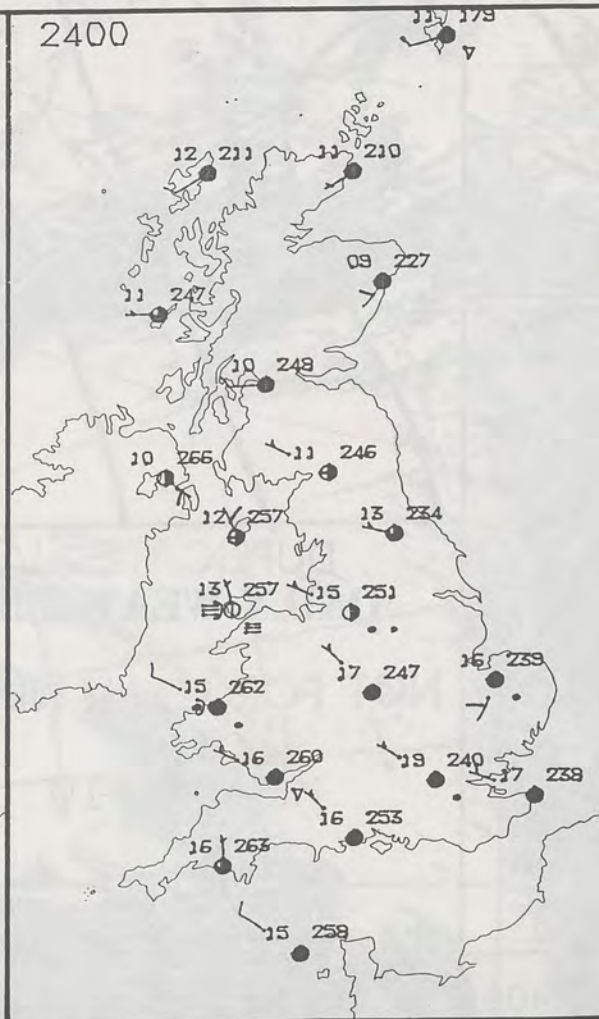


## PLOTTED SURFACE OBSERVATIONS

1800



2400



MONDAY  
10 JULY 1989

SUMMARY  
OF  
BRITISH WEATHER

Rain in northwest Scotland moved southeast during the night to give a wet start to the day in western Scotland and Northern Ireland. During the course of the day the rain then moved further into northern England, the North Midlands and North Wales. By the end of the afternoon though, the area of rain became confined to eastern counties of England and moved south to clear the southeast coast by midnight.

Brighter weather moved into Scotland and Northern Ireland after the rain, giving a fine end to the day in both countries.

Most of England and Wales had some sunshine during the day too, although cloud tended to increase during the morning and afternoon. Southwest England had a mainly sunny day.

Temperatures were close to normal in northern and western Scotland but most other districts had a warm day and in parts of the south it was very warm.

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0600



1200



## SIGNIFICANT WEATHER CHARTS

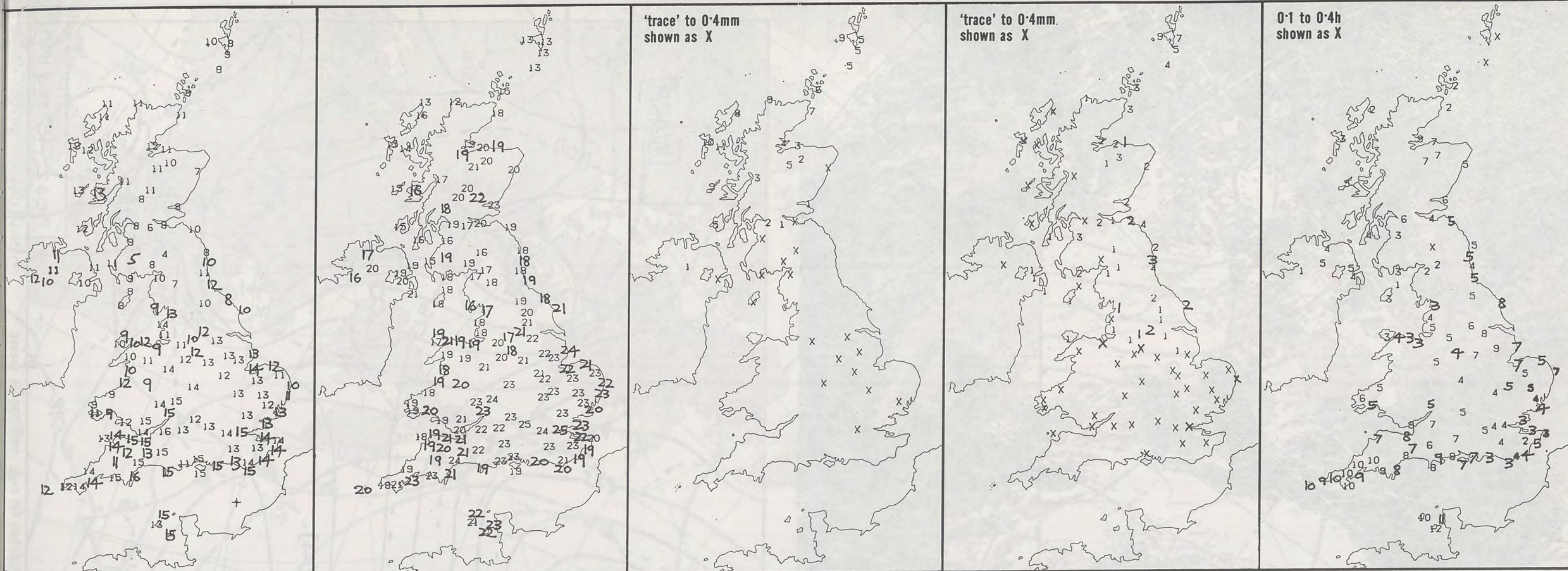
1800



2400







NIGHT MINIMUM TEMPERATURE (°C) For 12-hour period ending 0900 ON 10 JUL 89	DAY MAXIMUM TEMPERATURE (°C) For 12-hour period ending 2100 ON 10 JUL 89	RAINFALL (mm) For 12-hour period ending 0900 ON 10 JUL 89	RAINFALL (mm) For 12-hour period ending 2100 ON 10 JUL 89	SUNSHINE (hours) Dawn to dusk 10 JUL 89
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EXTREMES FOR MONDAY 10TH JULY 1989

Highest maximum	: 24.8°C Benson (Oxon)
Lowest maximum	: 11.9°C Cape Wrath
Lowest minimum	: 3.9°C Eskdalemuir (Dumfries and Galloway)
Lowest grass minimum	: -1.6°C Glenlee (Dumfries and Galloway)
Most rain (24 hours from 0900 GMT)	: 11.9 mm Collafirth Hill (Shetland)
Most sun	: 11.8 hours Jersey Airport

**DAILY  
WEATHER  
SUMMARY**



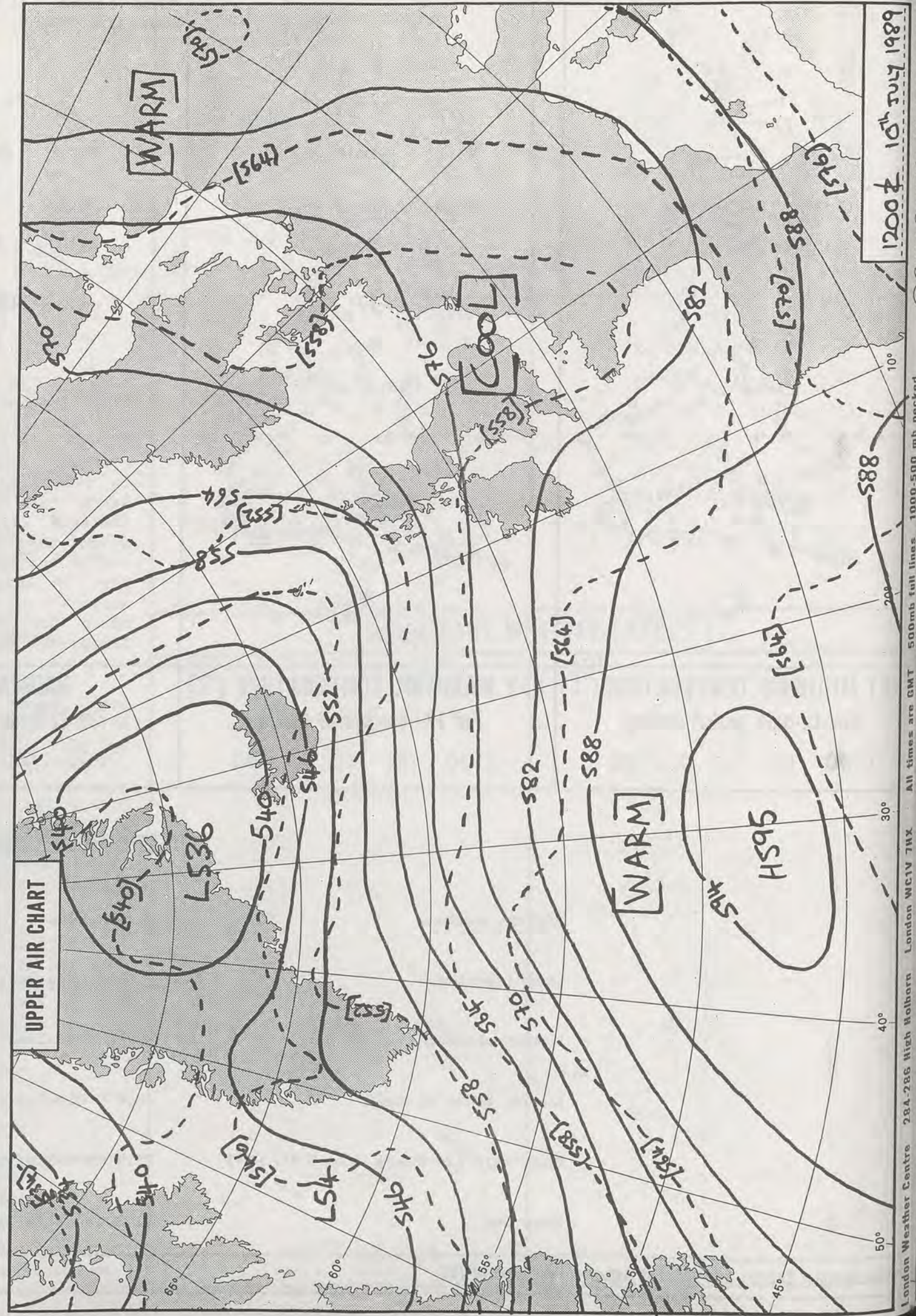
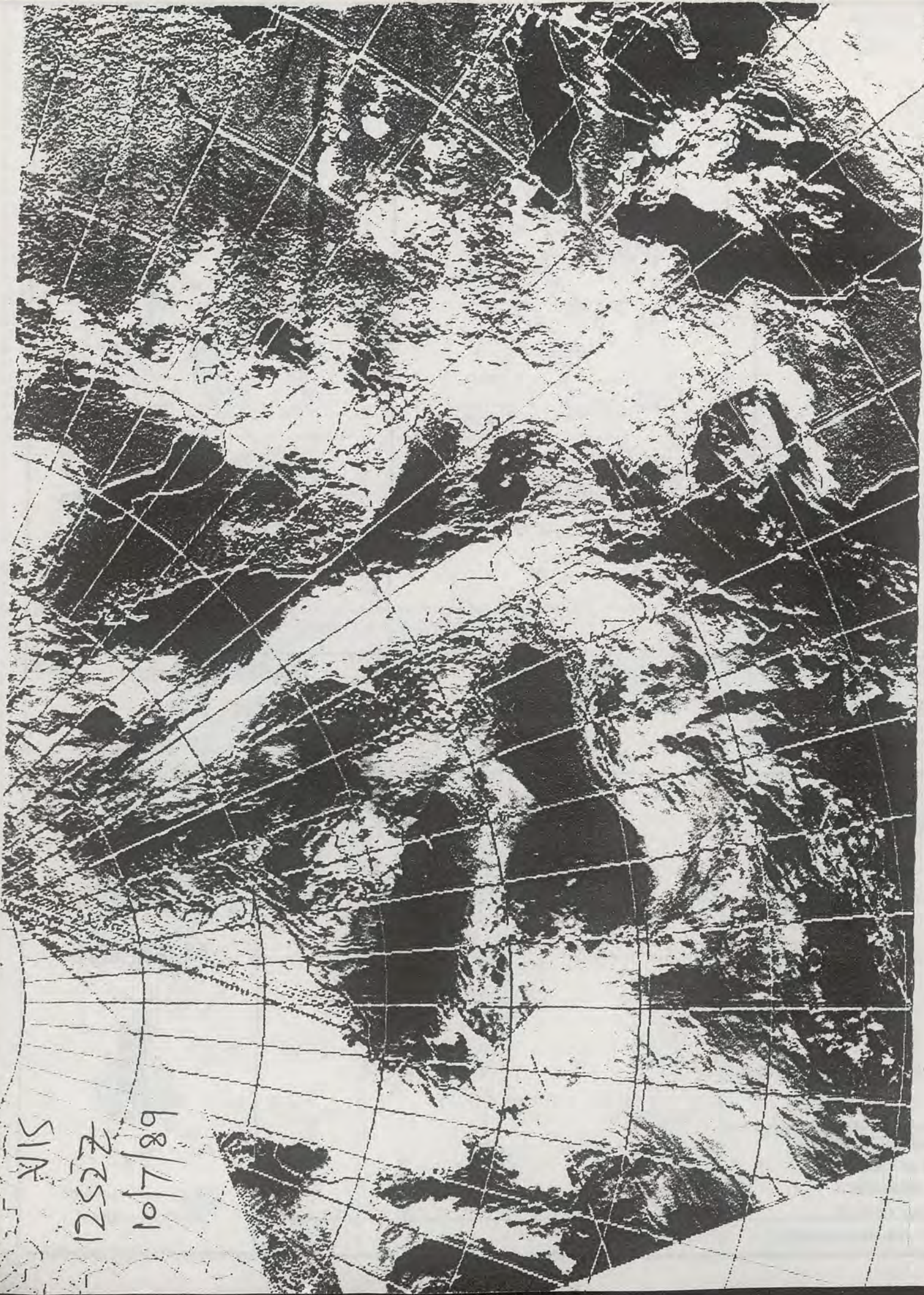
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VIS

1252Z

10/7/89

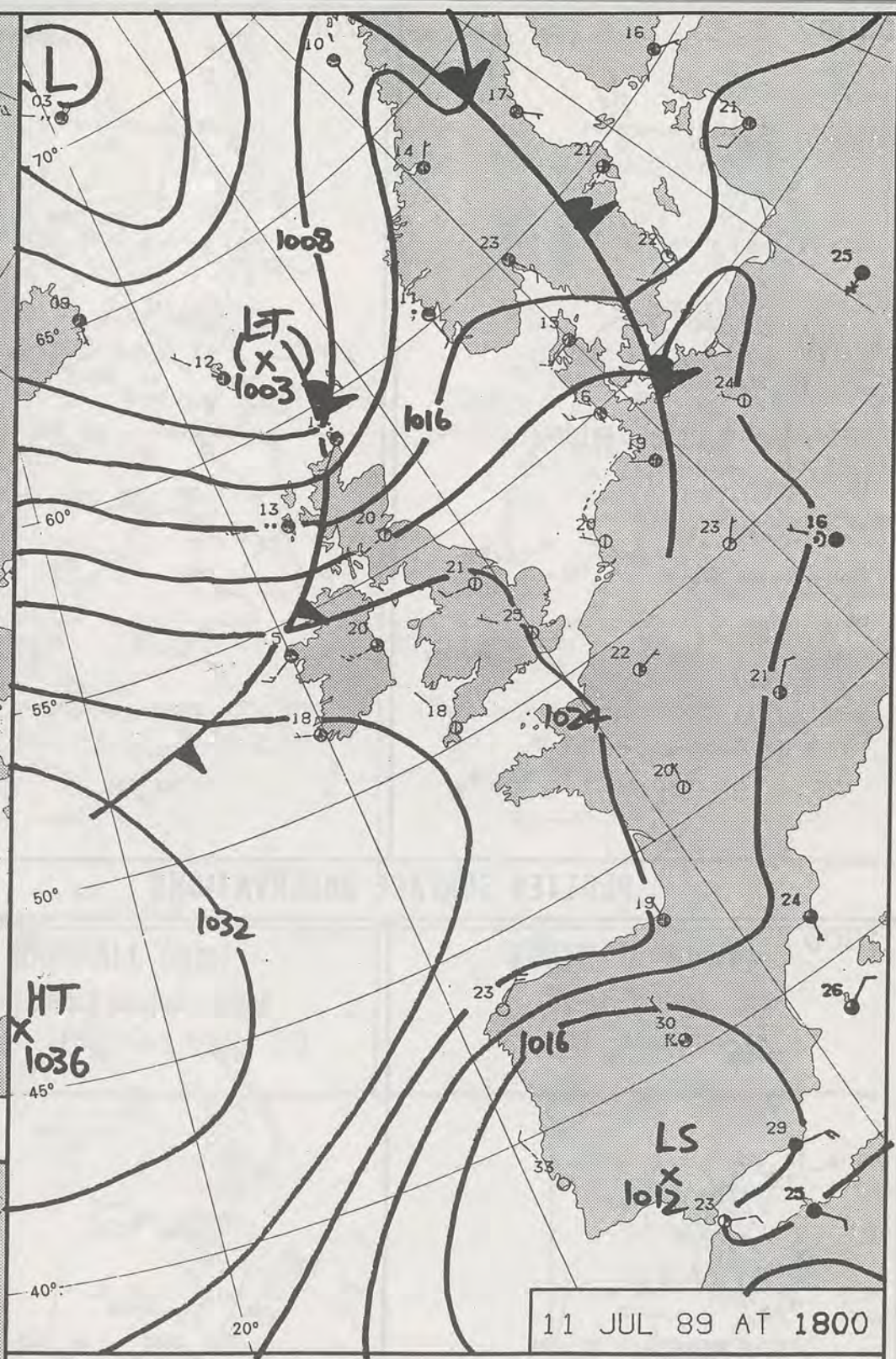
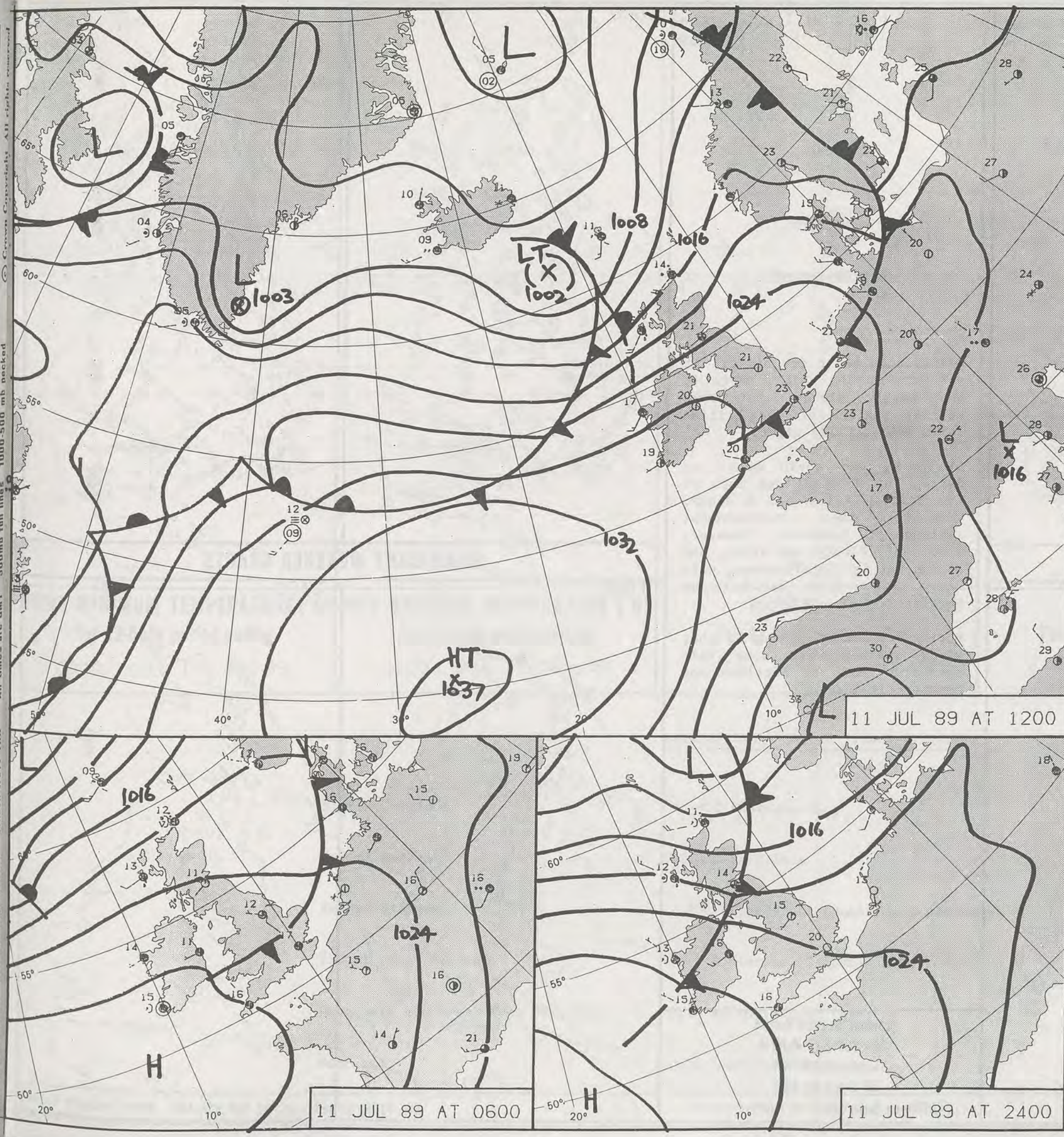




1200Z 10 JUL 1989

1000-500 mb packed  
Green Contour All other contour

London Weather Centre 284-286 High Holborn London WC1V 7HX All times are GMT 500mb full lines 1000-500 mb packed



DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR  
TUESDAY 11 JULY 1989

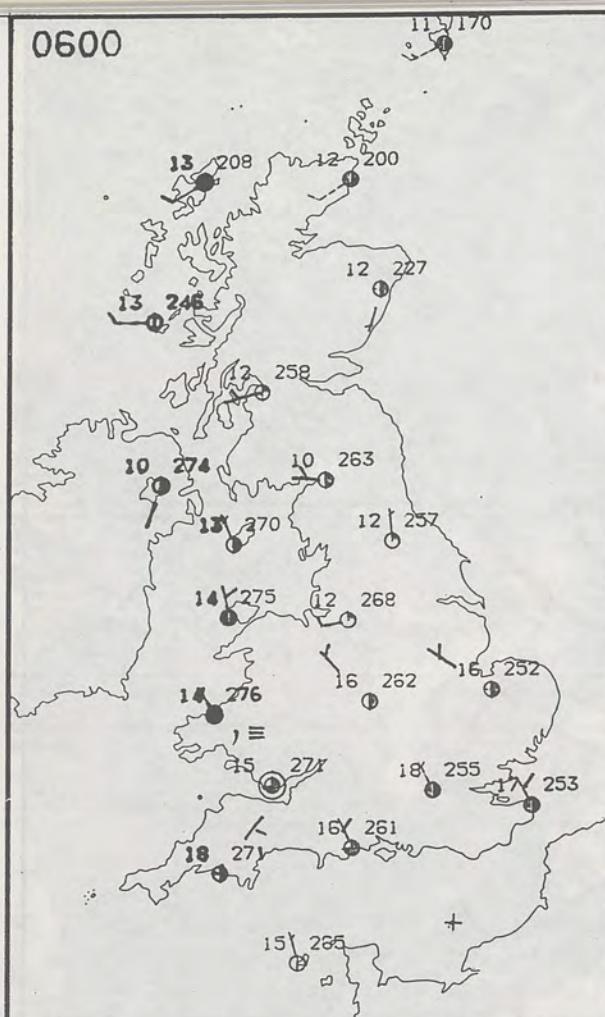
London Weather Centre 284-286 High Holborn London WC1V 7HX  
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Legend:  
Warm front (solid line with semicircles)  
Cold front (solid line with triangles)  
Occlusion (solid line with semicircles and triangles)

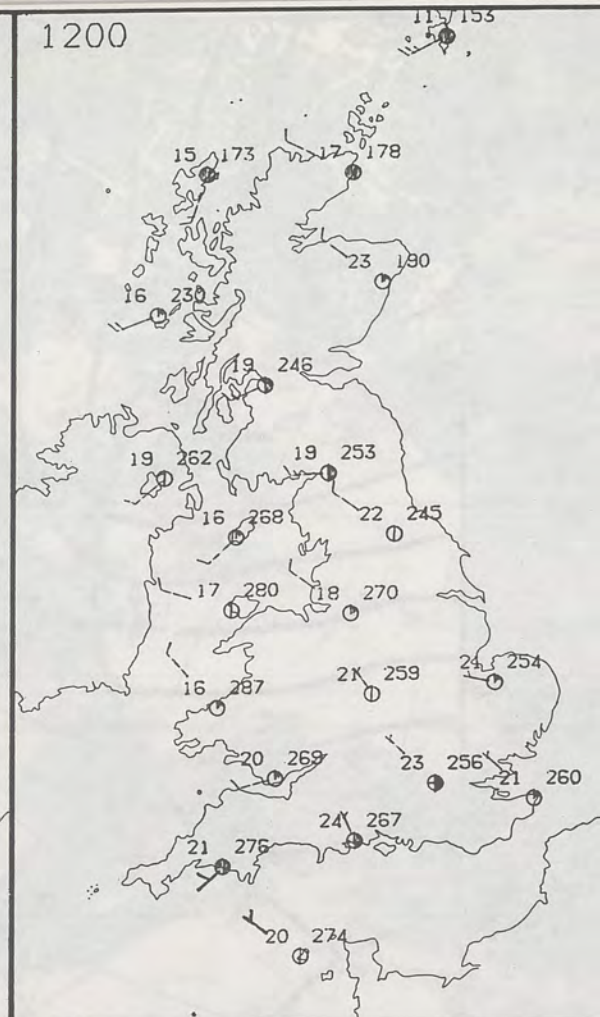
Met Office logo: METEOROLOGICAL OFFICE 24 JUL 1989



0600



1200

TUESDAY  
11 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

Most places had a dry night; it was warm in the south, where it was mostly cloudy, but some central regions of the British Isles had a chilly night.

Cloud in the south broke up during the morning, and much of the British Isles had a sunny, very warm day. Northernmost regions of Scotland, however, were cool, cloudy and windy, and became wet in the afternoon, with heavy rain and a near gale on Shetland.

During the evening cloudy, rather windy weather with some rain spread to most of Scotland and Northern Ireland.

London Weather Centre  
284-286 High Holborn  
London WC1V 7HX  
All times are GMT

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0600

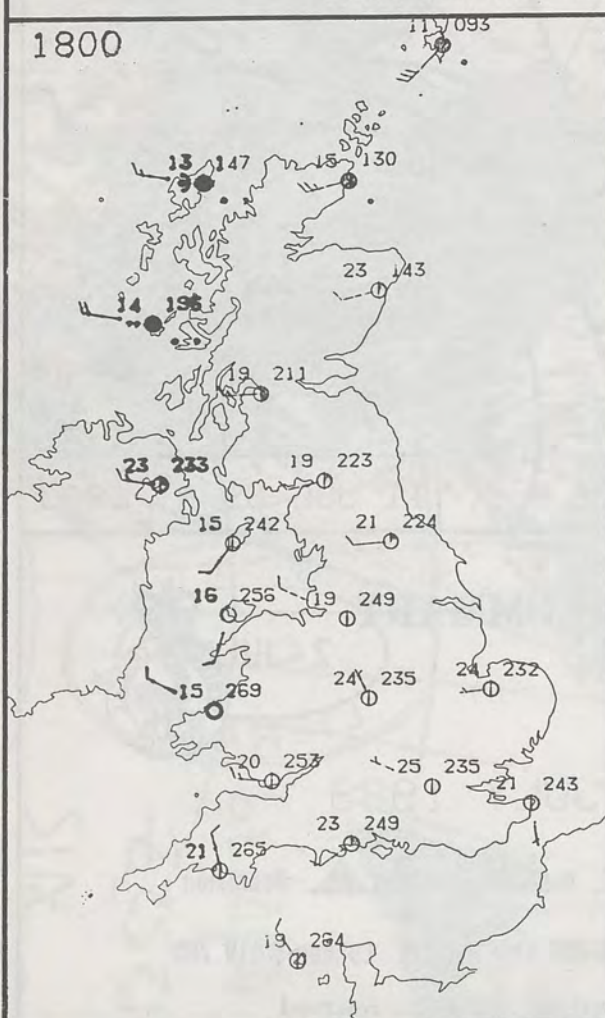


1200

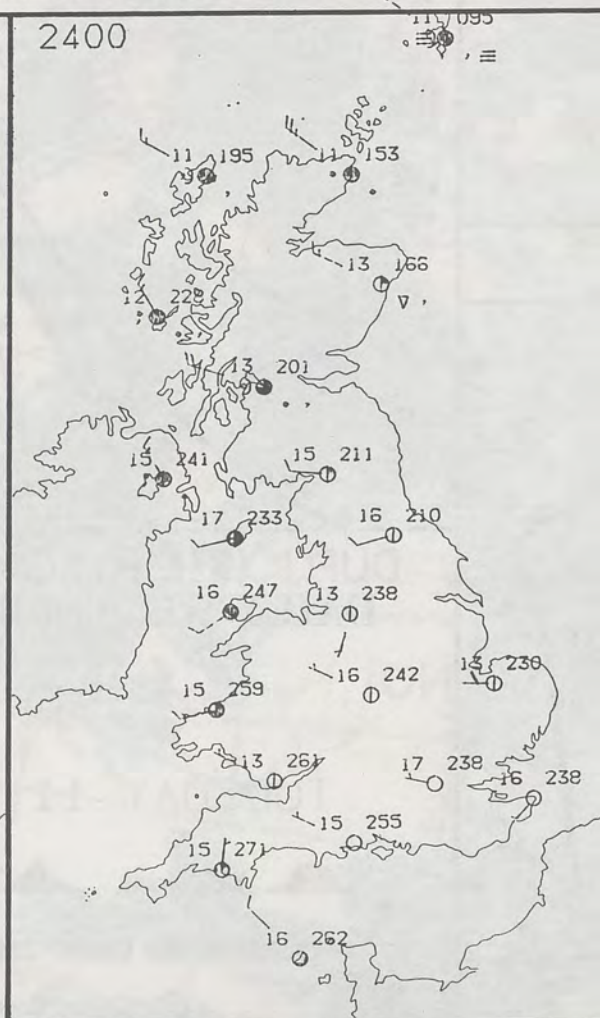


## SIGNIFICANT WEATHER CHARTS

1800



2400



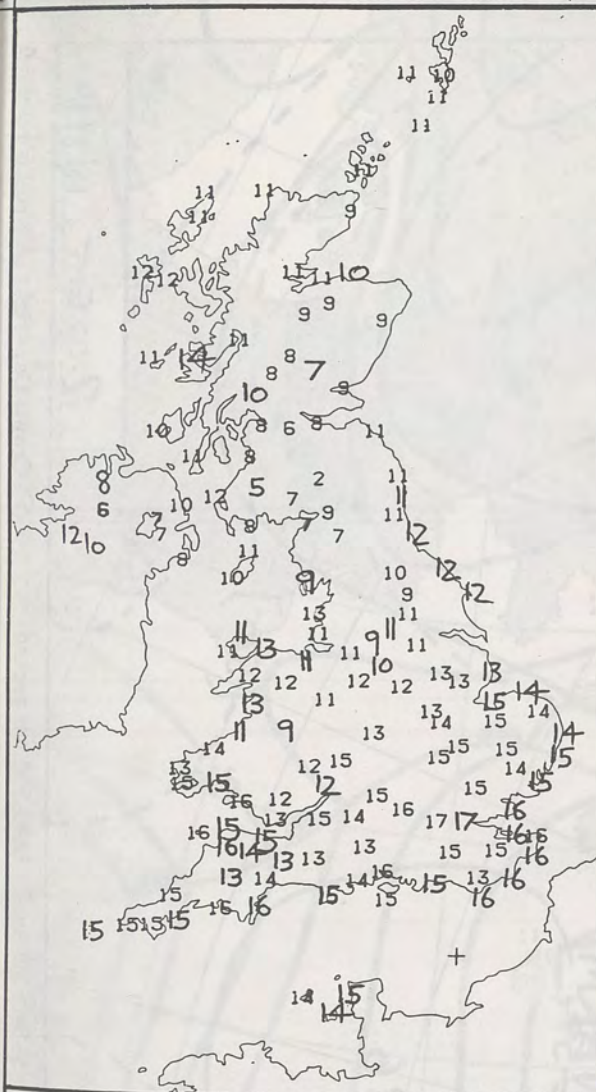
1800



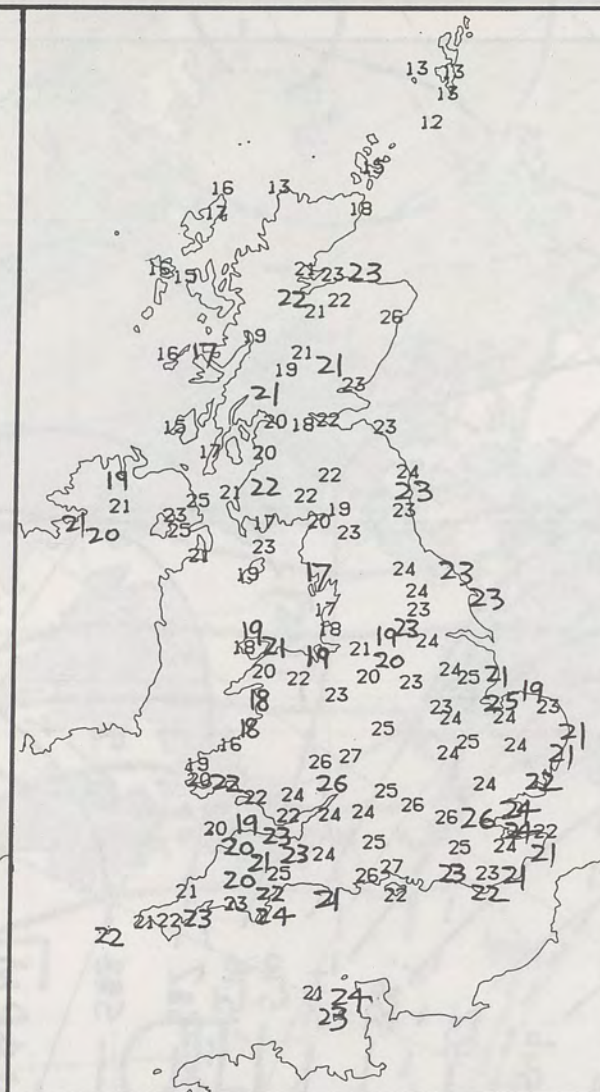
2400



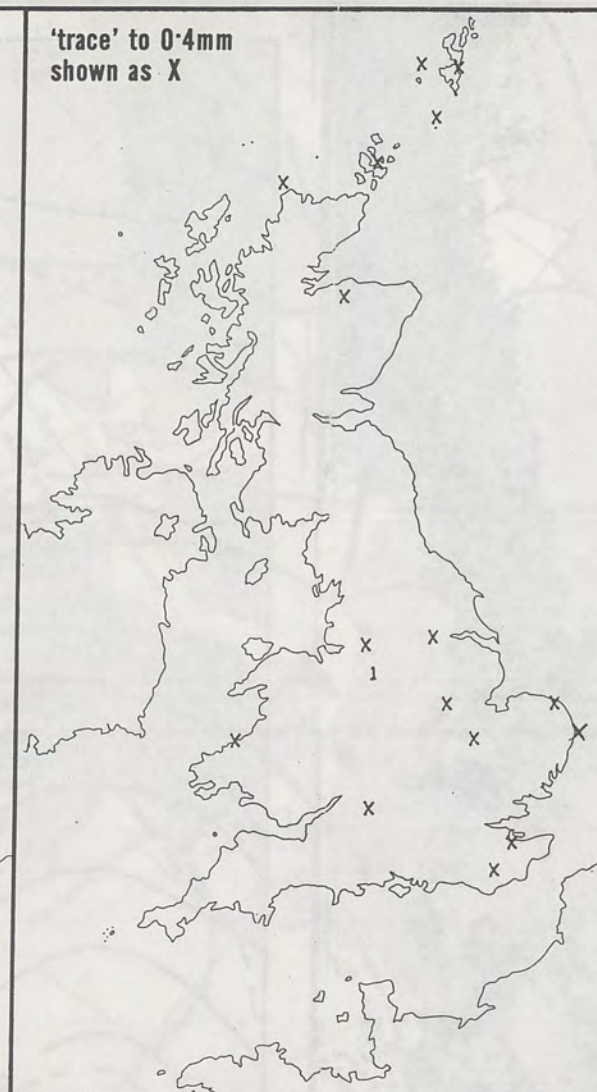




**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
09.00 ON 11 JUL 89



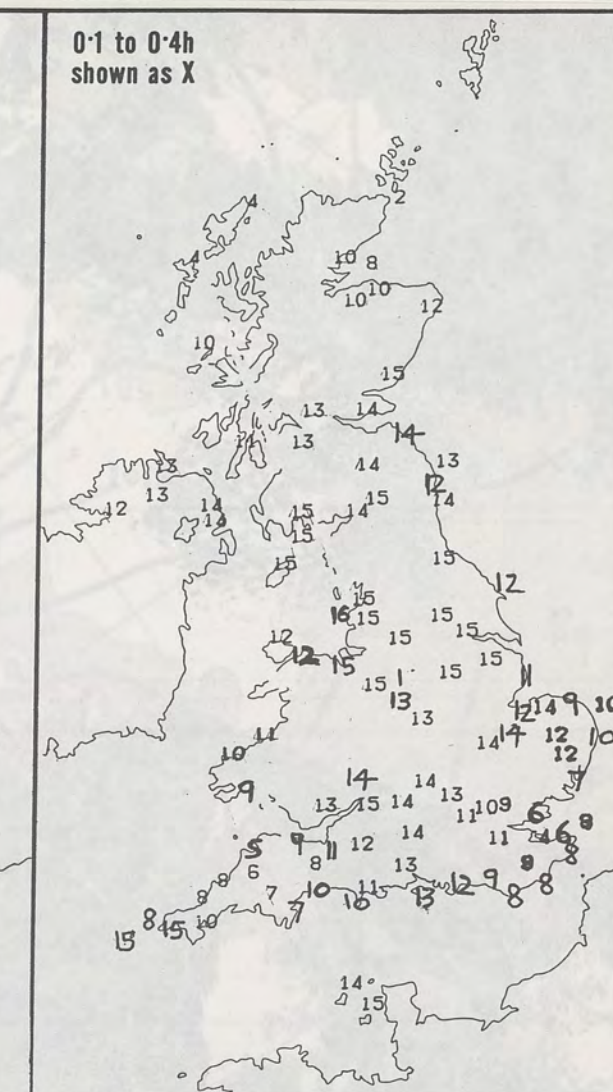
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 11 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 11 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 11 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
11 JUL 89

**EXTREMES FOR TUESDAY 11TH JULY 1989**

Highest maximum	: 26.9°C Southampton
Lowest maximum	: 12.3°C Fair Isle
Lowest minimum	: 2.2°C Eskdalemuir (Dumfries & Galloway)
Lowest grass minimum	: -2.3°C Glenlee (Dumfries & Galloway)
Most rain (24 hours from 0900 GMT)	: 21.8 mm Foula (Shetland)
Most sun	: 16.0 hours Southport (Merseyside)

**DAILY  
WEATHER  
SUMMARY**

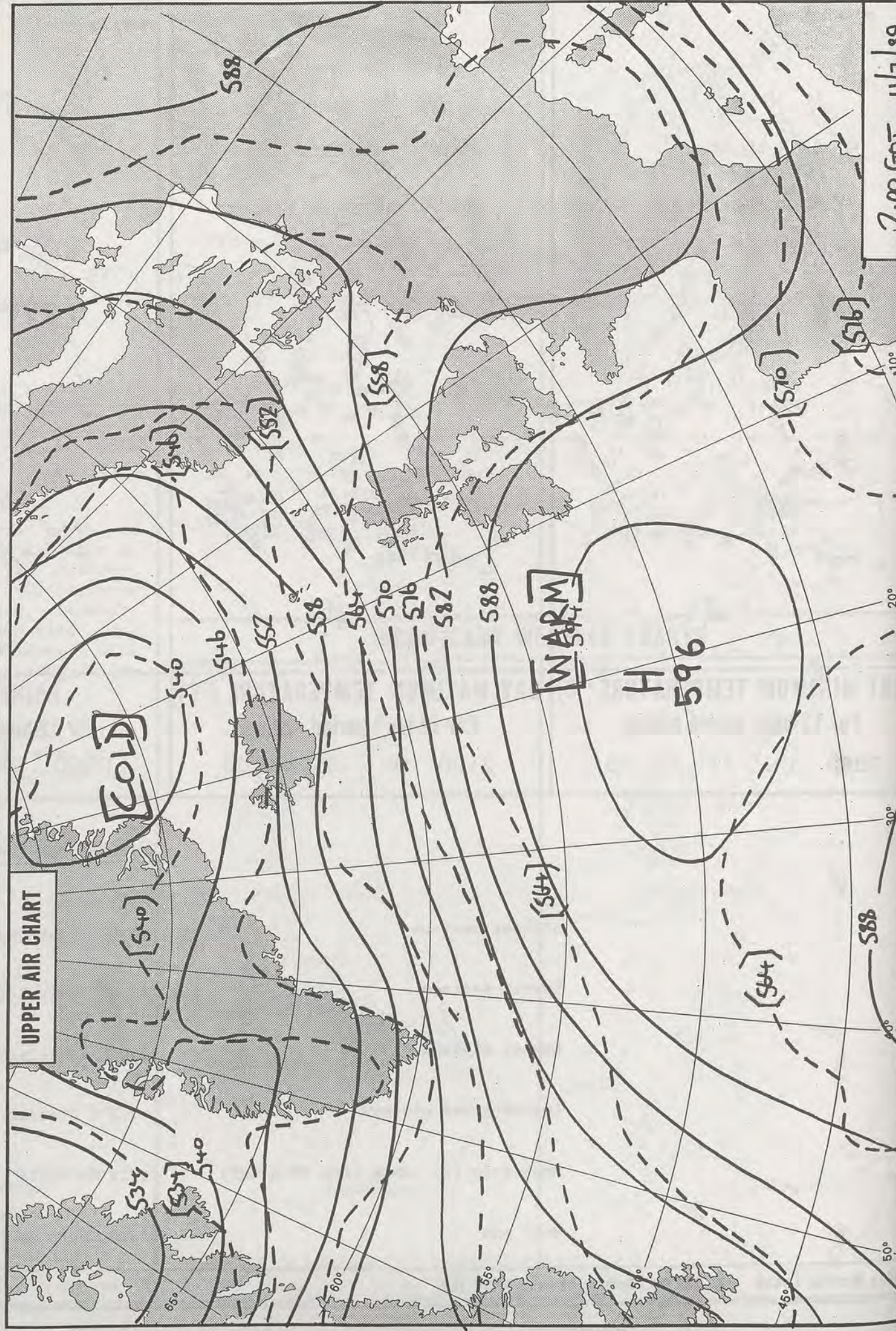


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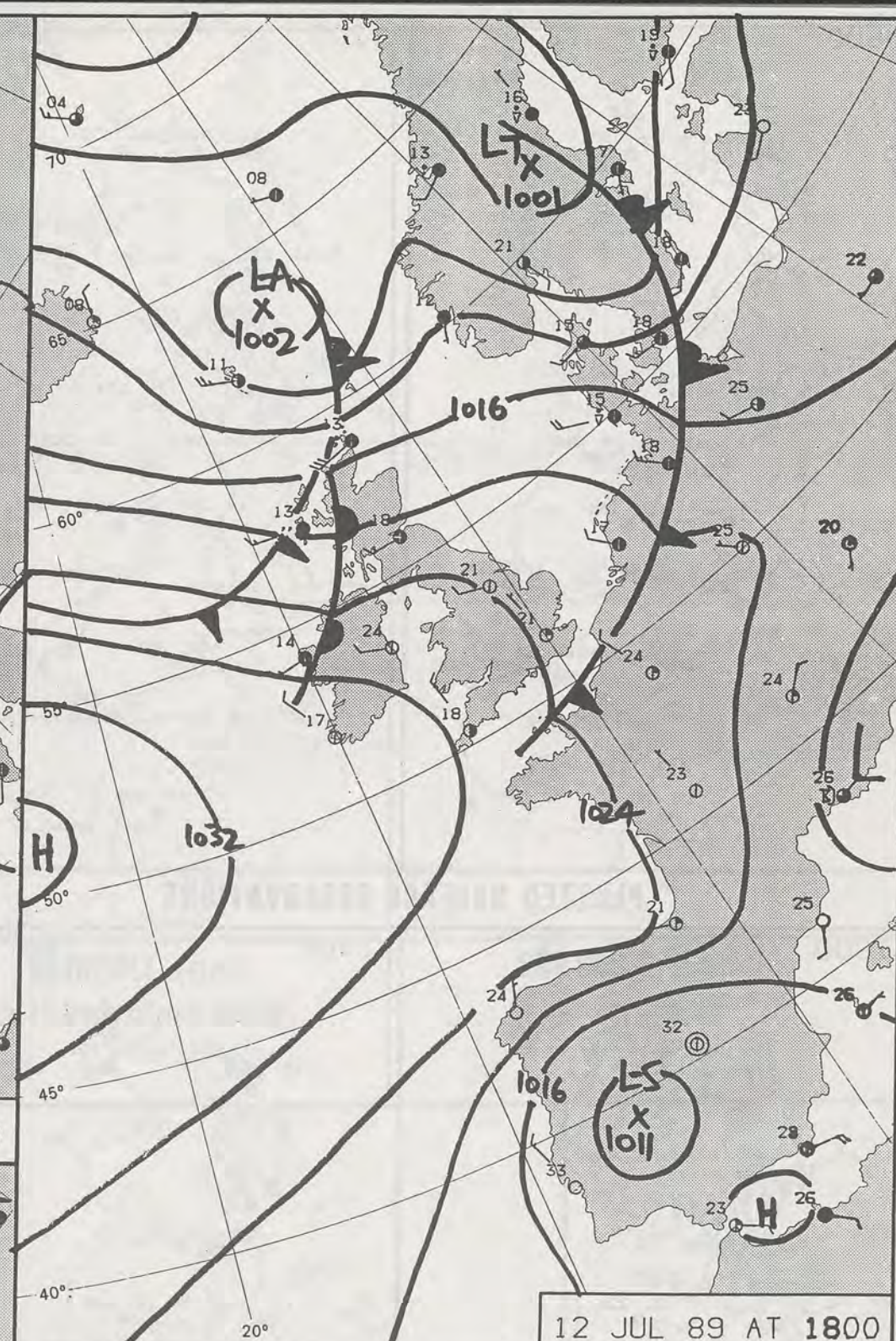
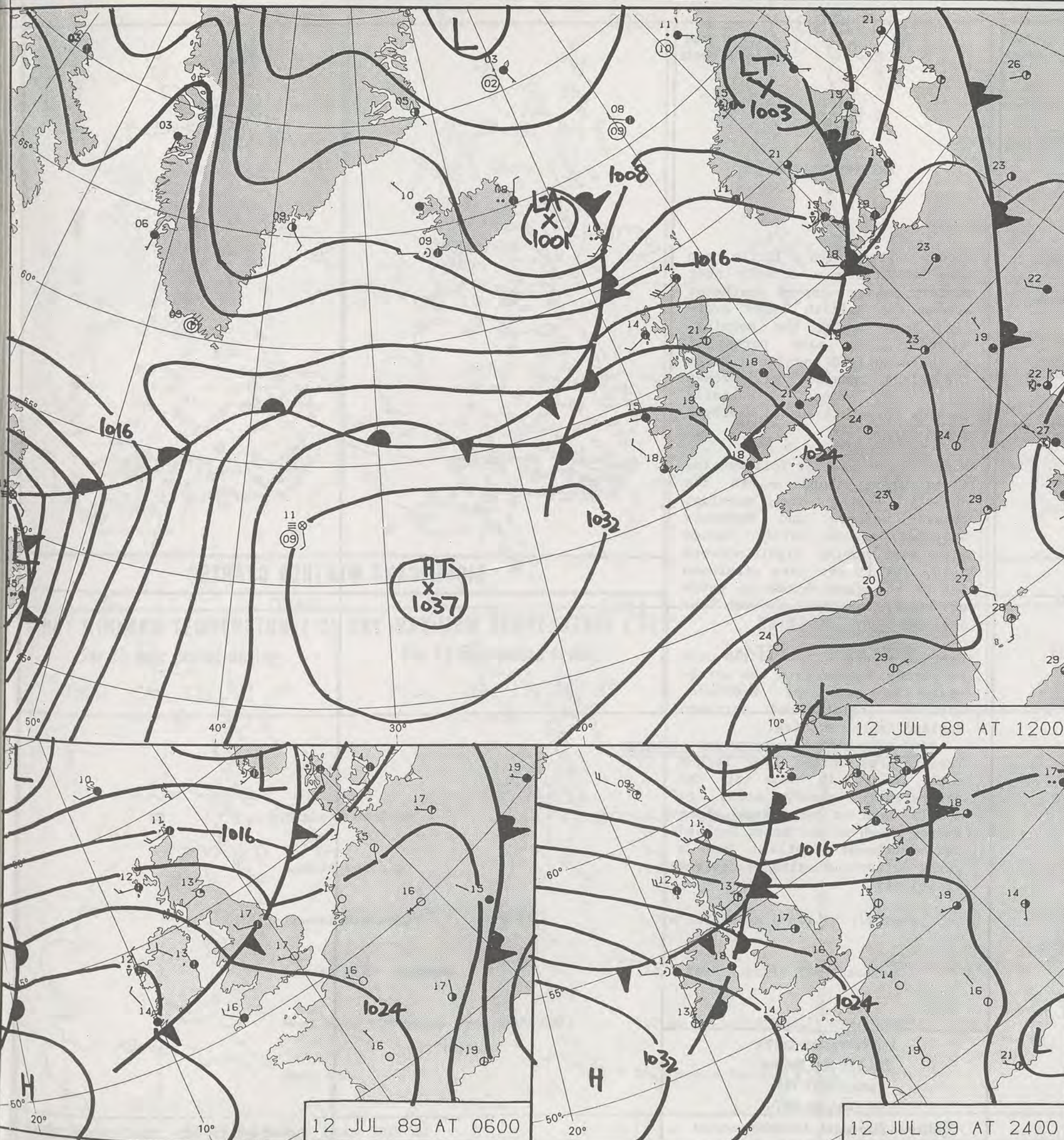


1232Z VIS 11/7/89

UPPER AIR CHART







12 JUL 89 AT 1200

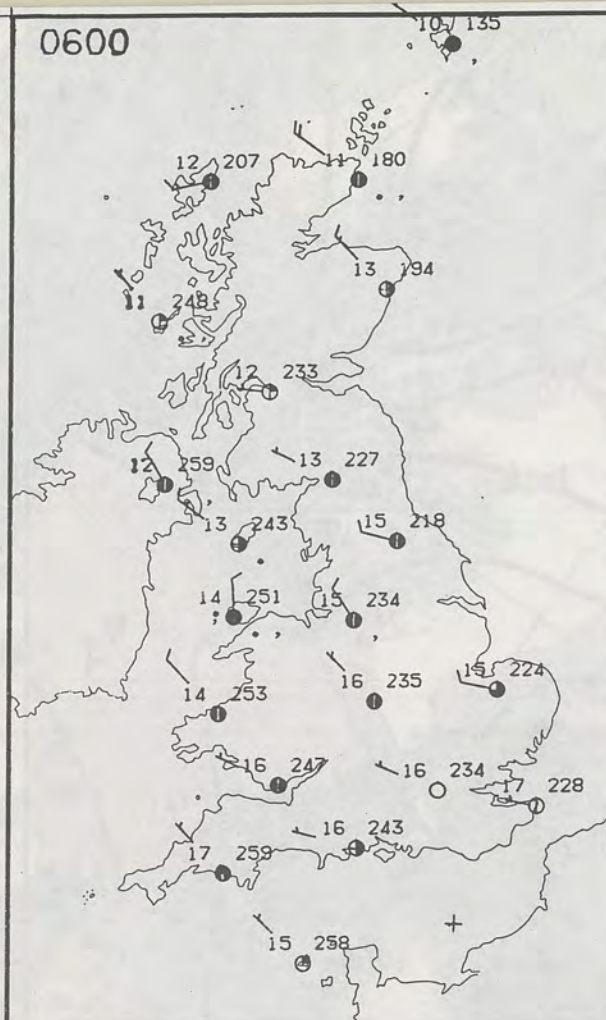
12 JUL 89 AT 1800

DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR  
WEDNESDAY 12 JULY 1989

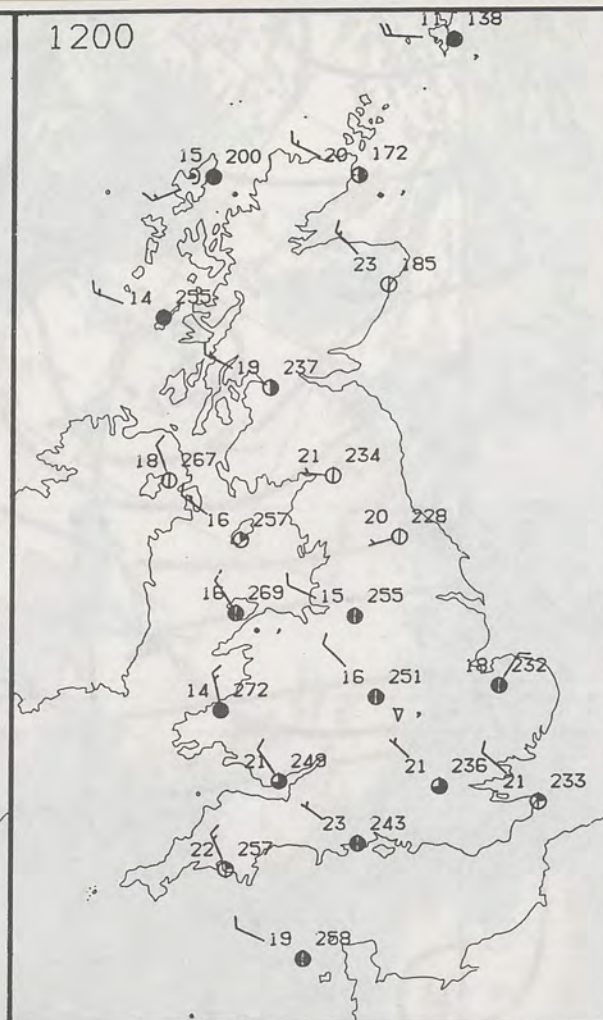
London Weather Centre 284-286 High Holborn London WC1V 7HX  
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0600

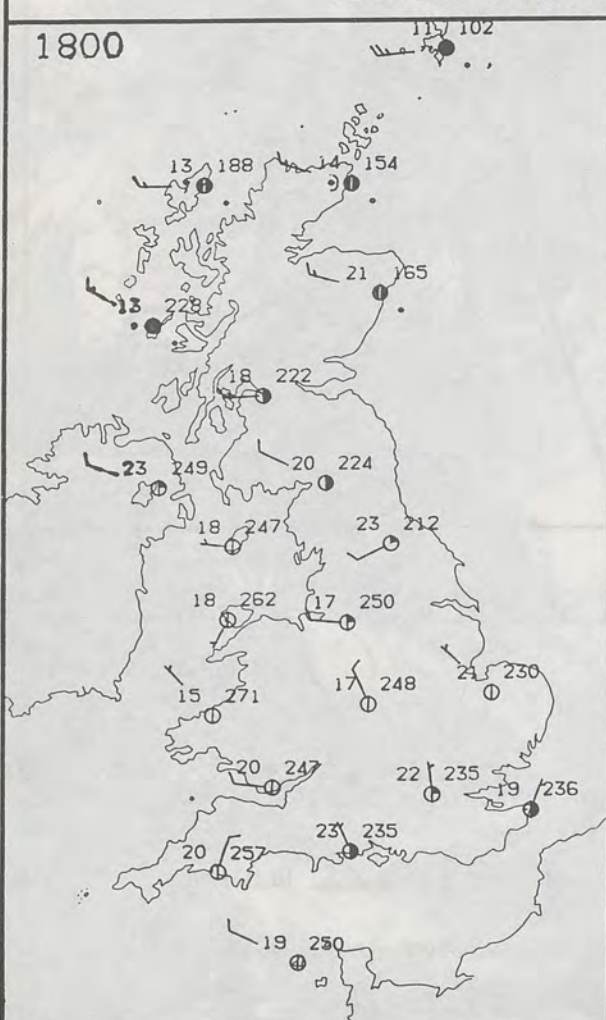


1200

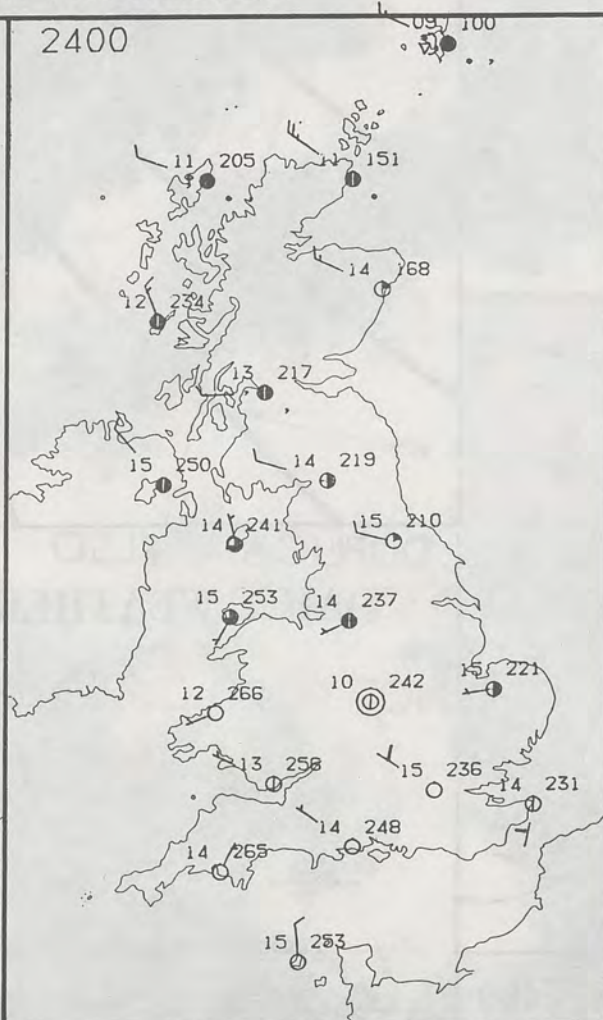


## PLOTTED SURFACE OBSERVATIONS

1800



2400

WEDNESDAY  
12 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

Cloudy weather with a little rain here and there - chiefly near western coasts - moved southeast across the British Isles overnight and during the morning. However, over many parts of southern England and South Wales the cloud remained well-broken with many places, especially towards the south coast, having a sunny day.

Mostly sunny weather followed the cloud sheet south across the country during the morning, though western and northern Scotland stayed fairly cloudy with some mostly light showery rain, and it was late afternoon before the cloud broke in parts of Dyfed, the Midlands and East Anglia.

Further cloud, with a little rain in places, spread from the north-west to much of Scotland, Northern Ireland and northern England in the evening.

Temperatures varied from rather cool levels in some of the persistently cloudy areas to mostly warm or very warm elsewhere. Much of northeast England and southeast Scotland had a sunny afternoon with excellent visibility.

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0600



1200

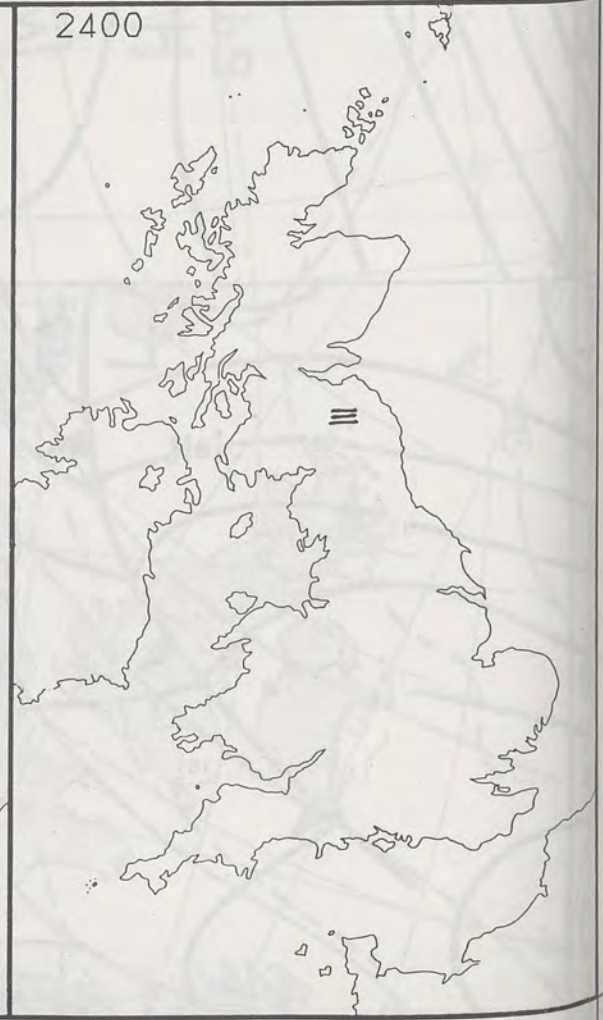


## SIGNIFICANT WEATHER CHARTS

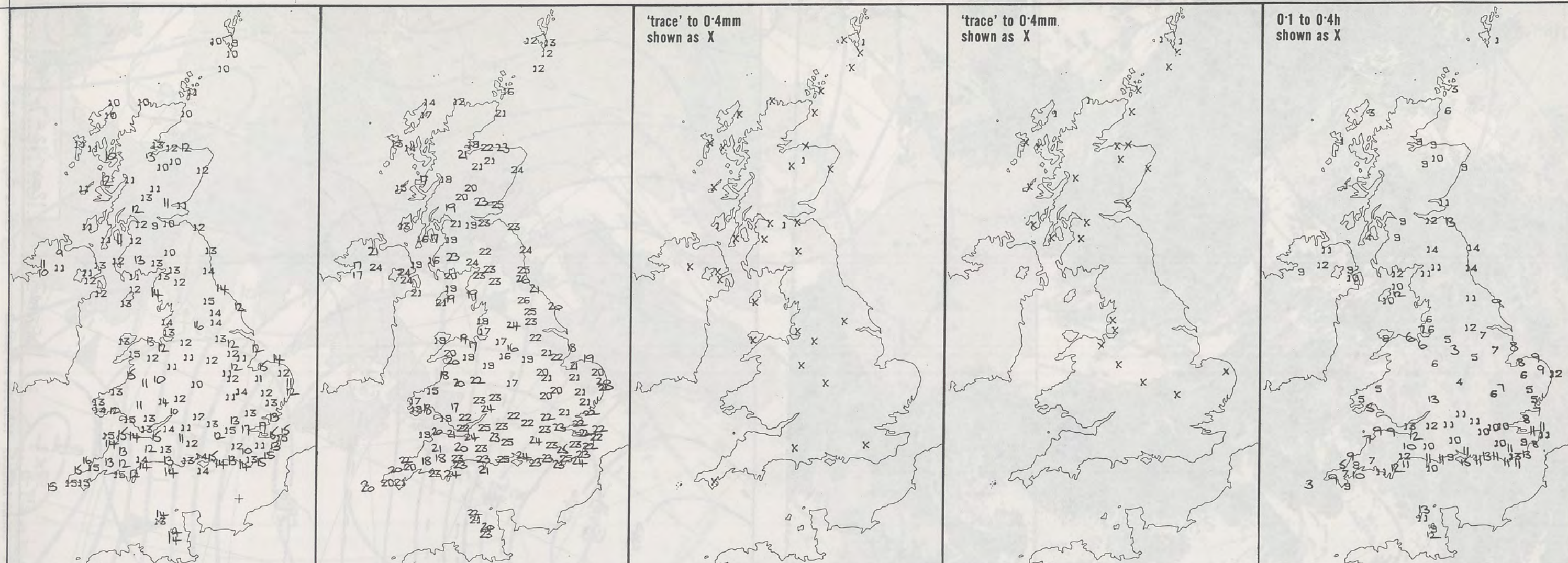
1800



2400







NIGHT MINIMUM TEMPERATURE (°C) For 12-hour period ending 0900 ON 12 JUL 89	DAY MAXIMUM TEMPERATURE (°C) For 12-hour period ending 2100 ON 12 JUL 89	RAINFALL (mm) For 12-hour period ending 0900 ON 12 JUL 89	RAINFALL (mm) For 12-hour period ending 2100 ON 12 JUL 89	SUNSHINE (hours) Dawn to dusk 12 JUL 89
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**EXTREMES FOR WEDNESDAY 12TH JULY 1989**

Highest maximum	: 26.0°C Leeming (Yorks)
Lowest maximum	: 11.8°C Foula (Shetland)
Lowest minimum	: 8.5°C Salsburgh (east of Glasgow)
Lowest grass minimum	: 5.3°C East Hoathly (East Sussex)
Most rain (24 hours from 0900 GMT)	: 6.2 mm Collafirth Hill (Shetland)
Most sun	: 14.8 hours Sandown (Isle of Wight)

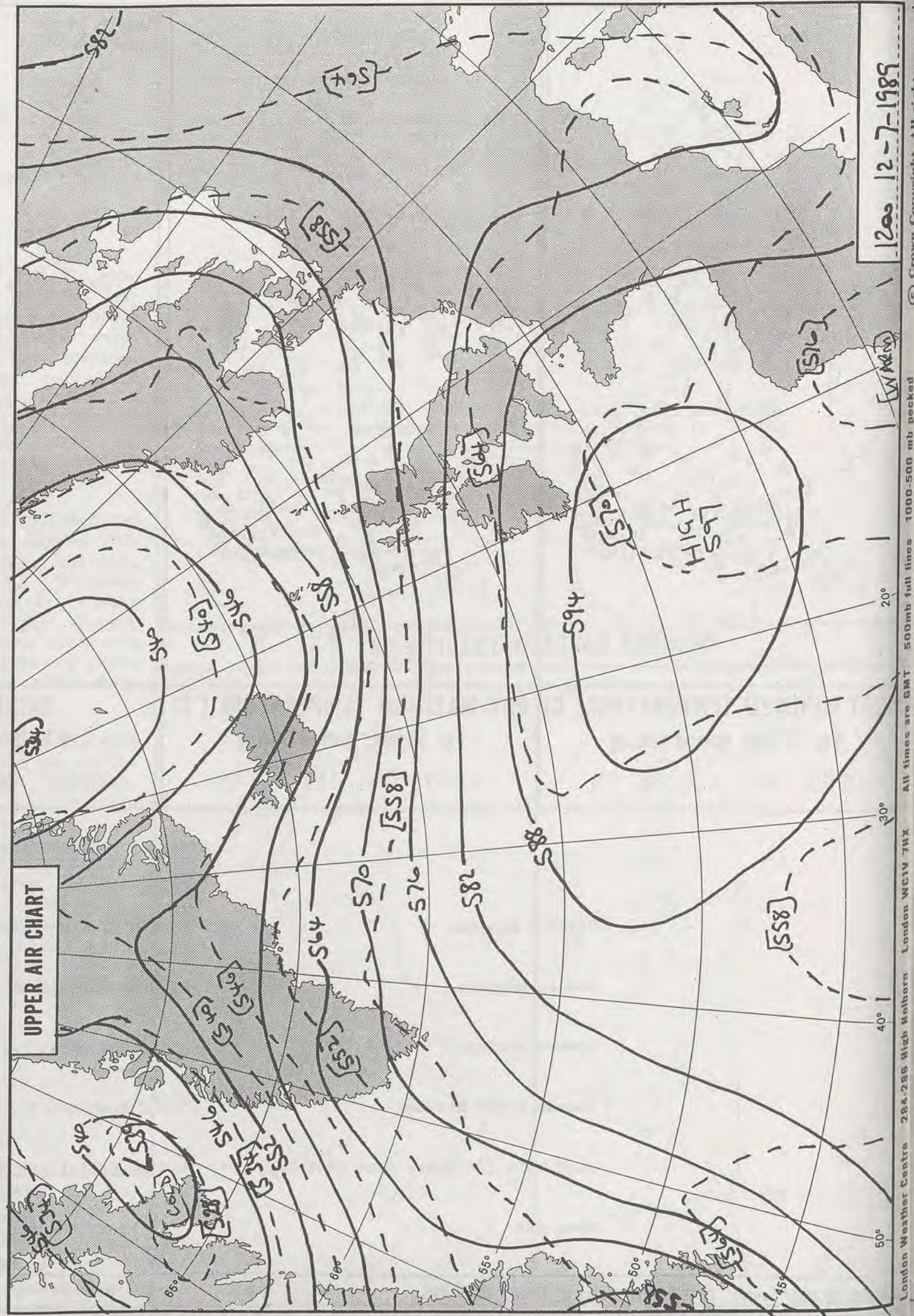
**DAILY  
WEATHER  
SUMMARY**



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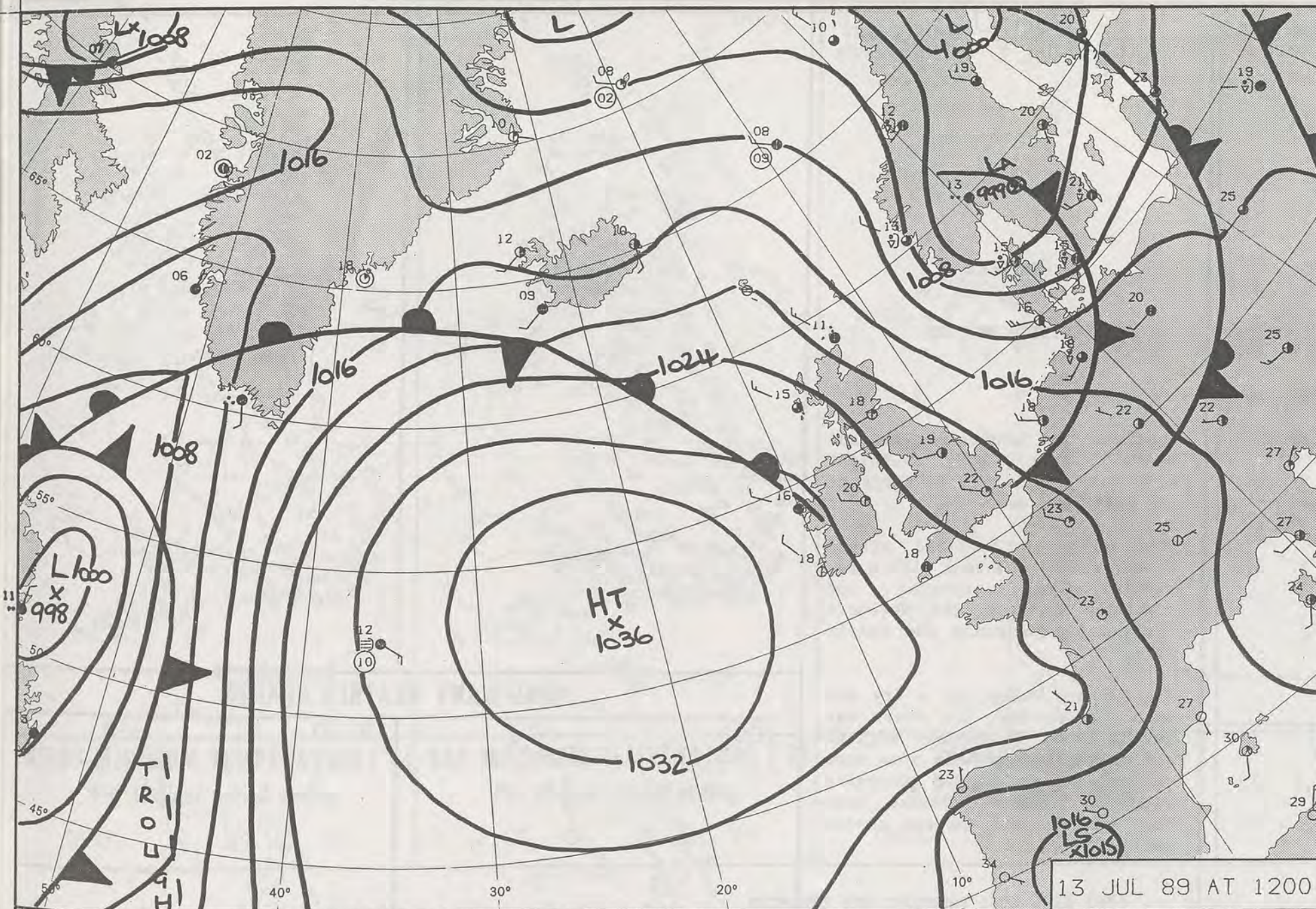


VIS  
1407  
12/7/89

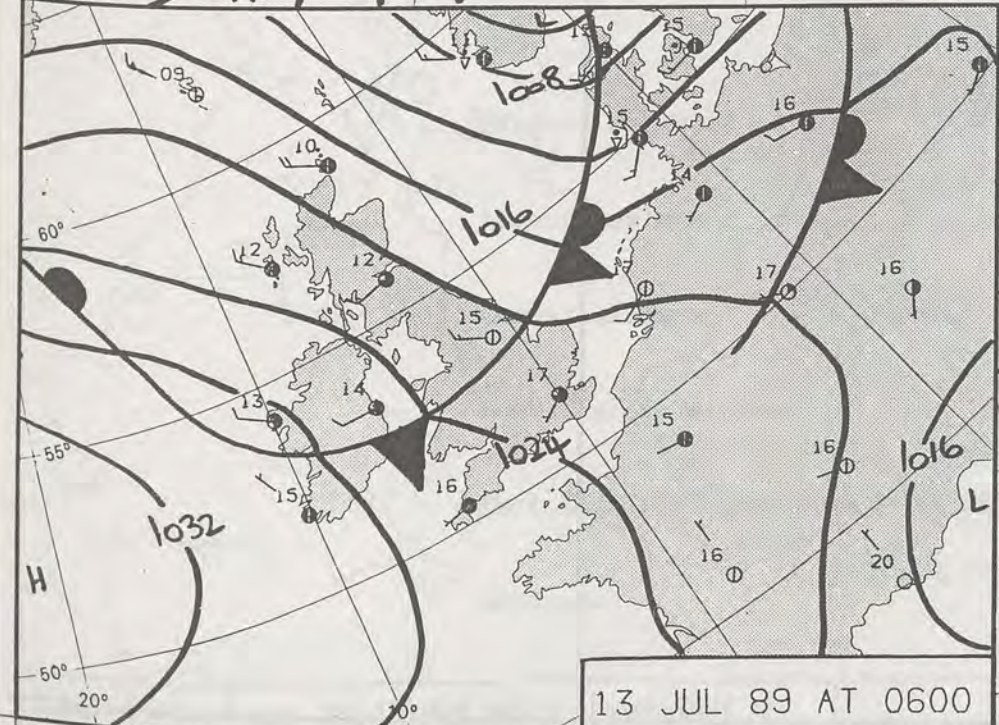




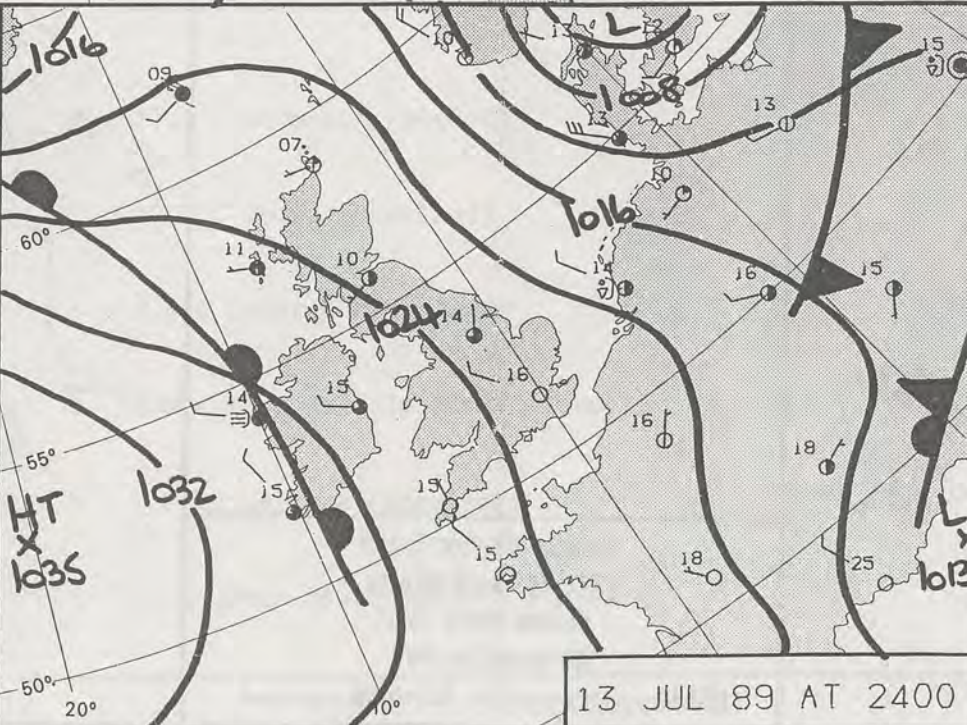
200 12-7-1989  
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20° 30° 40° 50°  
London Weather Centre 284-286 High Holborn London WC1V 7HX All times are GMT 500mb full lines 1000-500 mb pecked



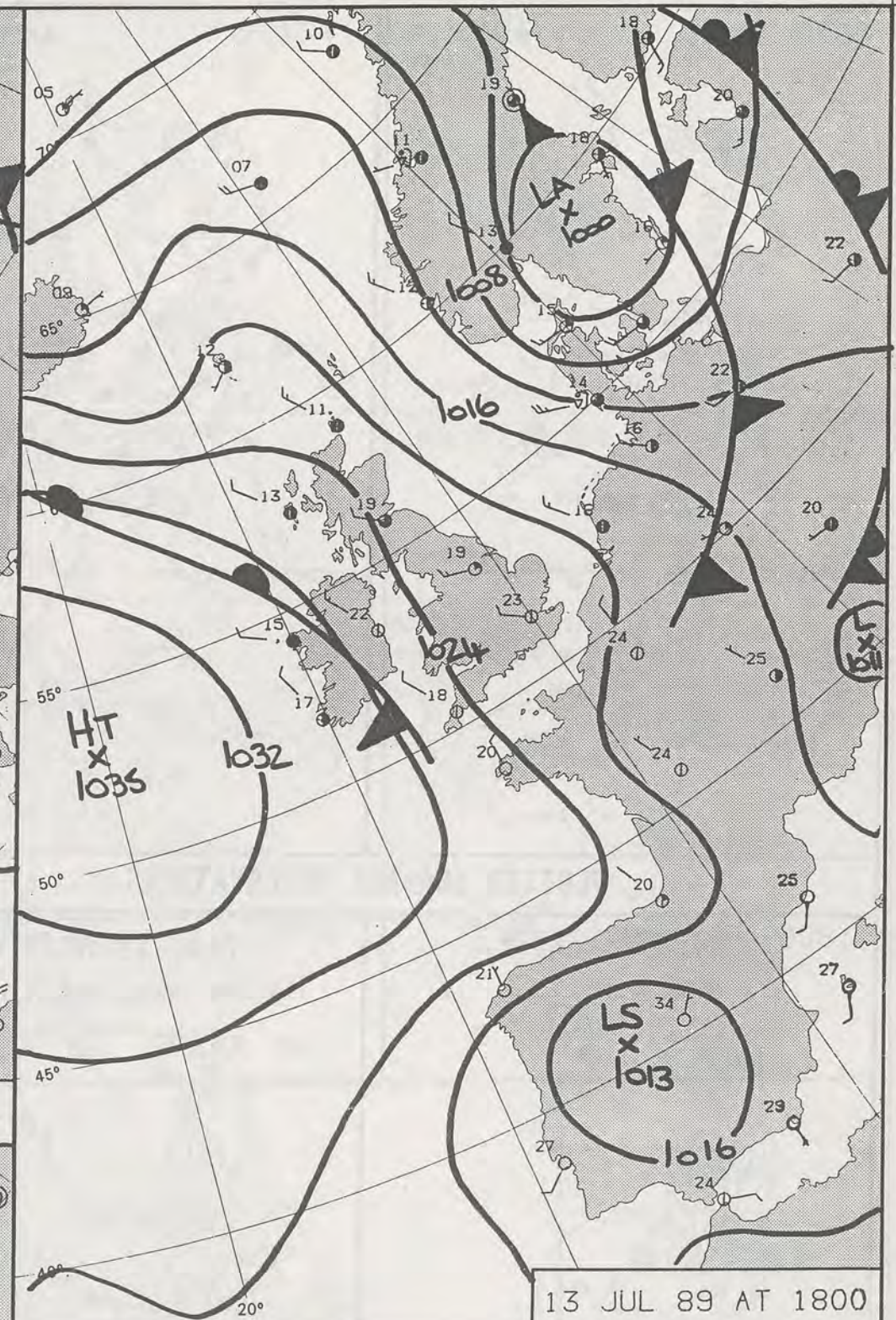
13 JUL 89 AT 1200



13 JUL 89 AT 0600



13 JUL 89 AT 2400



13 JUL 89 AT 1800

DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR  
THURSDAY 13 JULY 1989

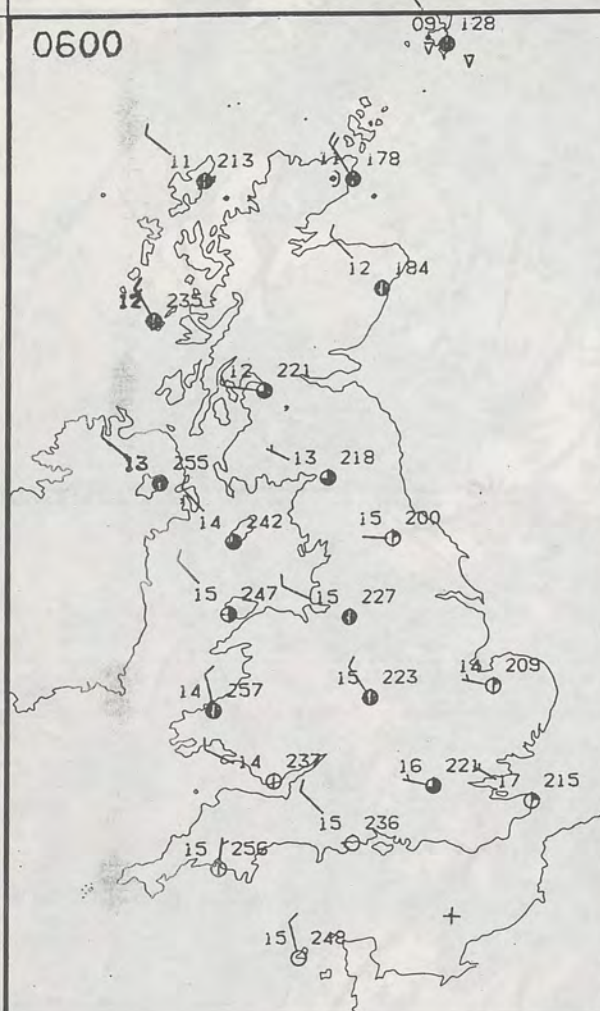
London Weather Centre 284-286 High Holborn London WC1V 7HX  
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Warm front Cold front Occlusion

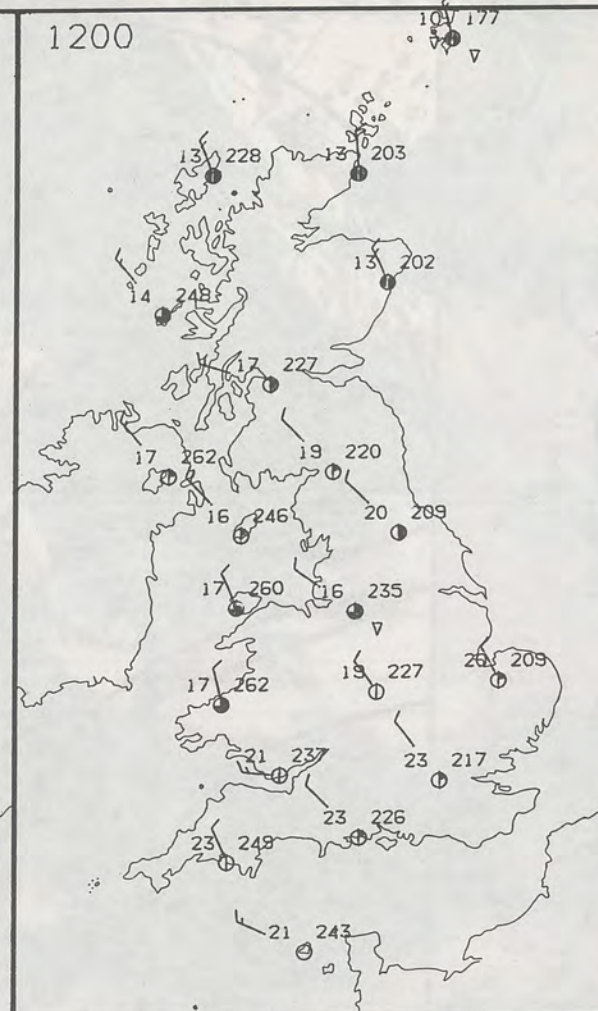
24 JUL 1989  
METEOROLOGICAL OFFICE



0600



1200

THURSDAY  
13 JULY 1989

### SUMMARY OF BRITISH WEATHER

Scotland and Northern Ireland became rather cloudy overnight with some light rain in parts of the north and west.

The north of Scotland stayed rather cloudy and cool with a few showers while central and southern Scotland and Northern Ireland became sunny and fairly warm.

England and Wales had a dry and mainly sunny day, but there was patchy cloud in eastern England and during the morning over some central parts. It was generally warm but onshore breezes kept many western and eastern coasts cooler.

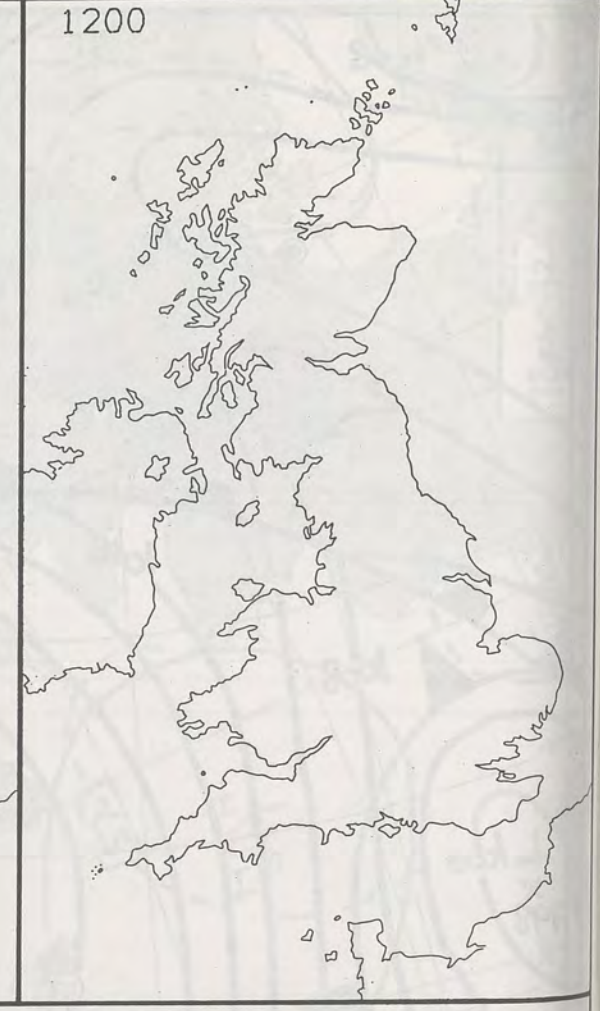
London Weather Centre  
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London WC1V 7HX  
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0600

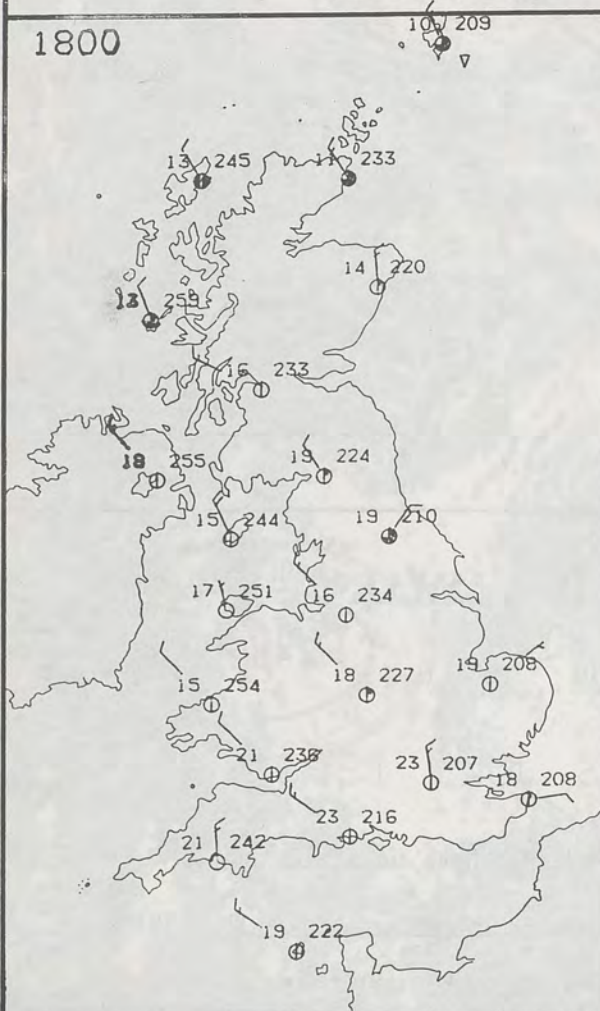


1200

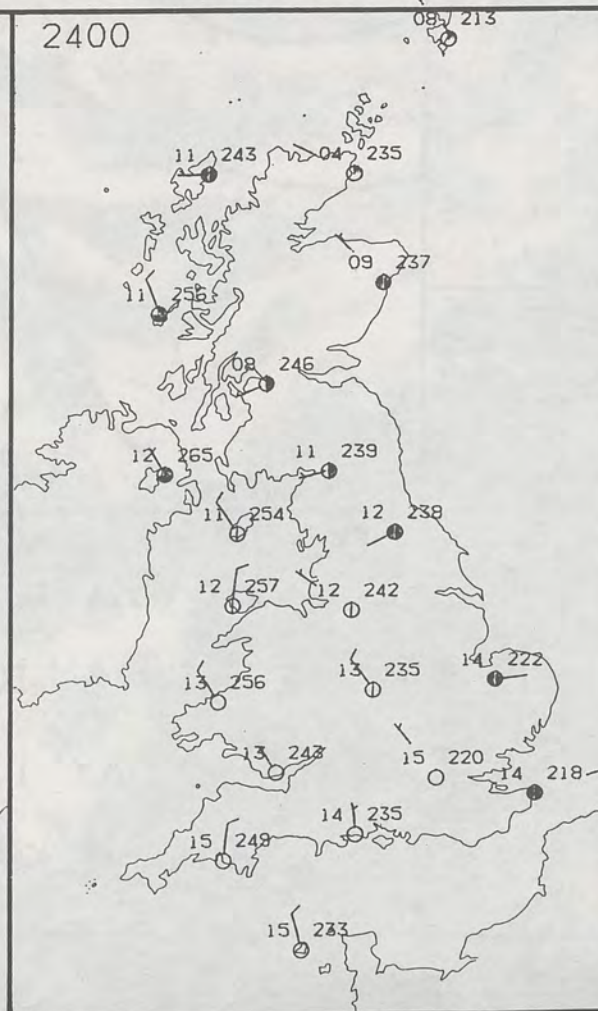


### PLOTTED SURFACE OBSERVATIONS

1800



2400



### SIGNIFICANT WEATHER CHARTS

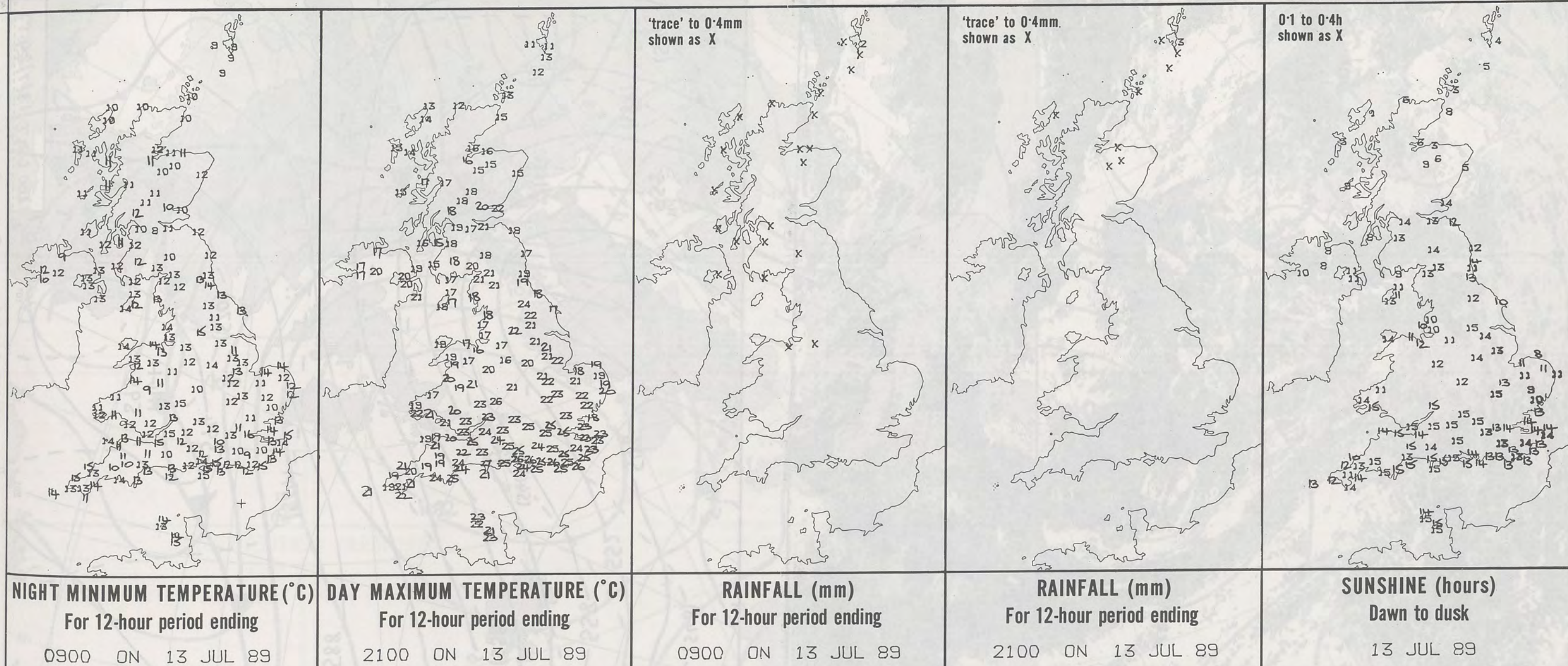
1800



2400







**EXTREMES FOR THURSDAY 13TH JULY 1989**

Highest maximum	:	27.3°C Weymouth (Dorset)
Lowest maximum	:	10.5°C Foula (Shetland)
Lowest minimum	:	8.5°C Lerwick (Shetland)
Lowest grass minimum	:	4.0°C East Hoathly (East Sussex)
Most rain (24 hours from 0900 GMT)	:	2.7 mm Lerwick (Shetland)
Most sun	:	15.4 hours Bournemouth (Dorset)

**DAILY  
WEATHER  
SUMMARY**



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FRIDAY  
14 JULY 1989

SUMMARY  
OF  
BRITISH WEATHER

Northern Ireland and the north and west of Scotland were mostly cloudy overnight with a little drizzle in places. Elsewhere it was a dry night with clear periods.

Much of England and Wales became rather cloudy for a time during the morning but the afternoon was mainly sunny with southernmost counties of England and Wales being sunny for most of the day.

Southern and eastern Scotland was also dry and mainly sunny but the far north and west stayed cloudy with occasional drizzle.

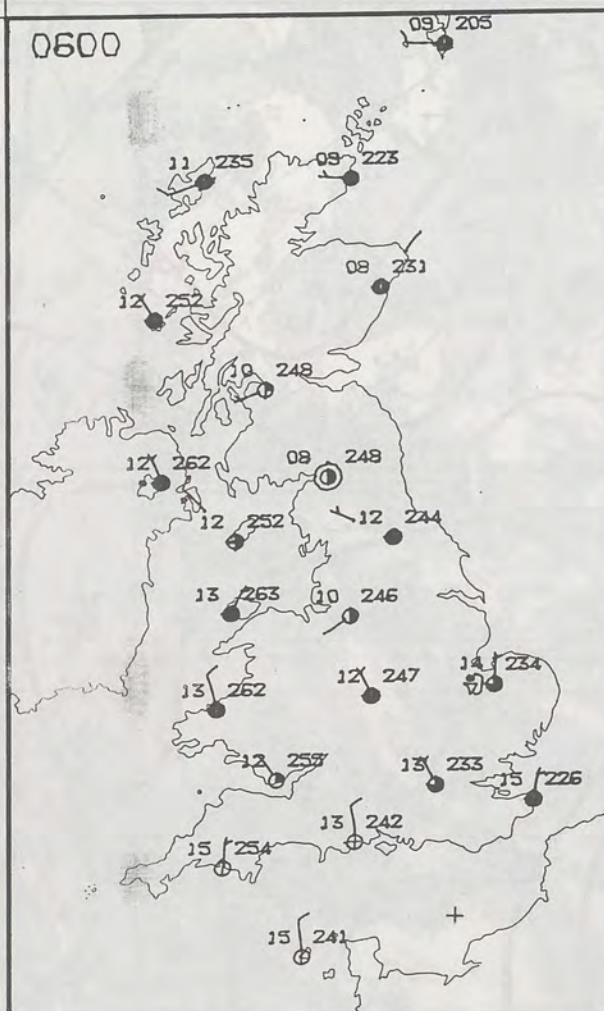
Northern Ireland was cloudy until early afternoon with sunshine later.

Temperatures were mostly a degree or two above average but some extreme northern and western parts were rather cool.

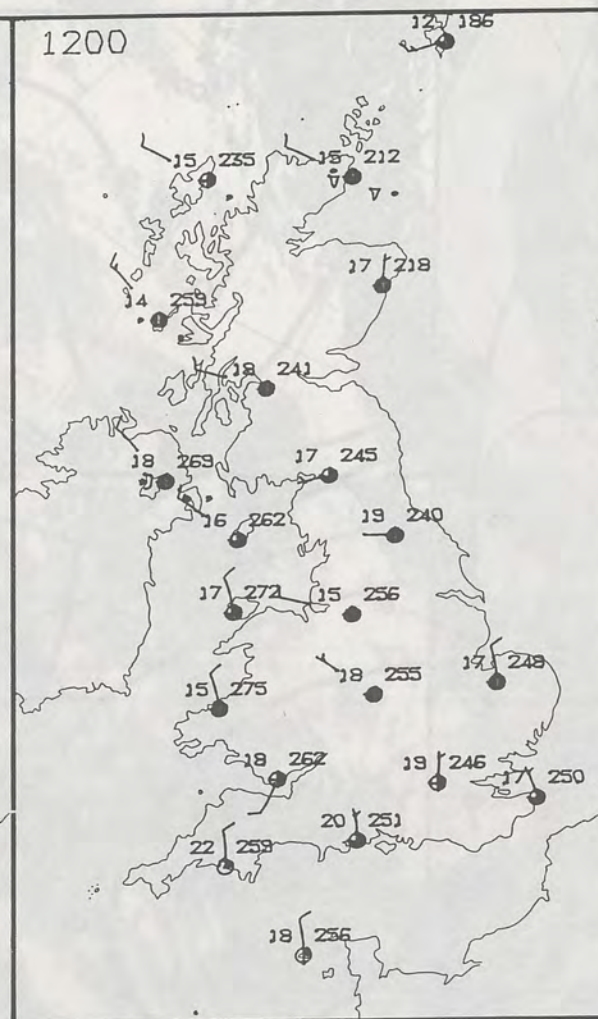
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London WC1V 7HX  
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0600

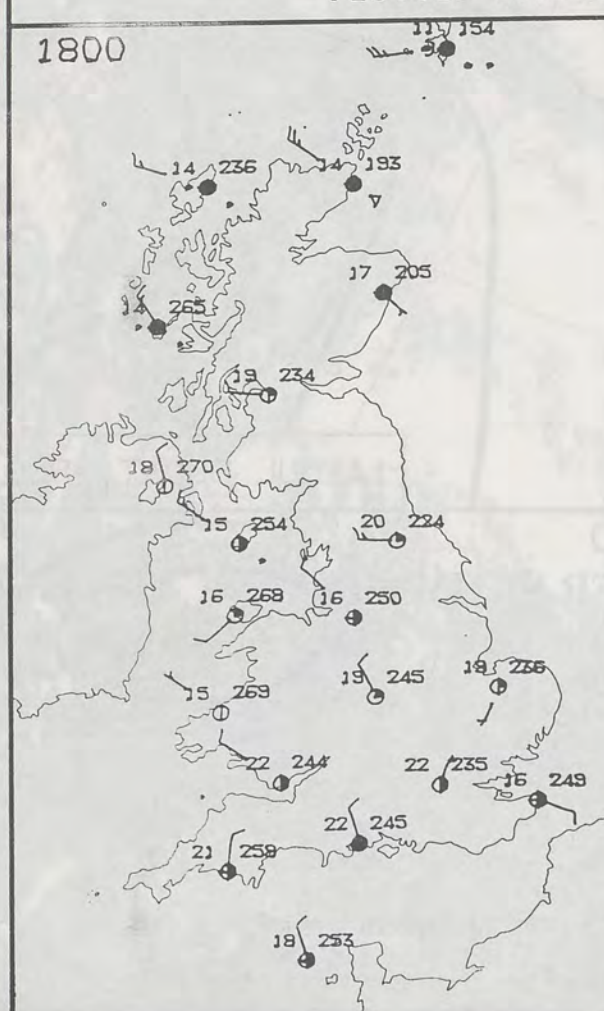


1200

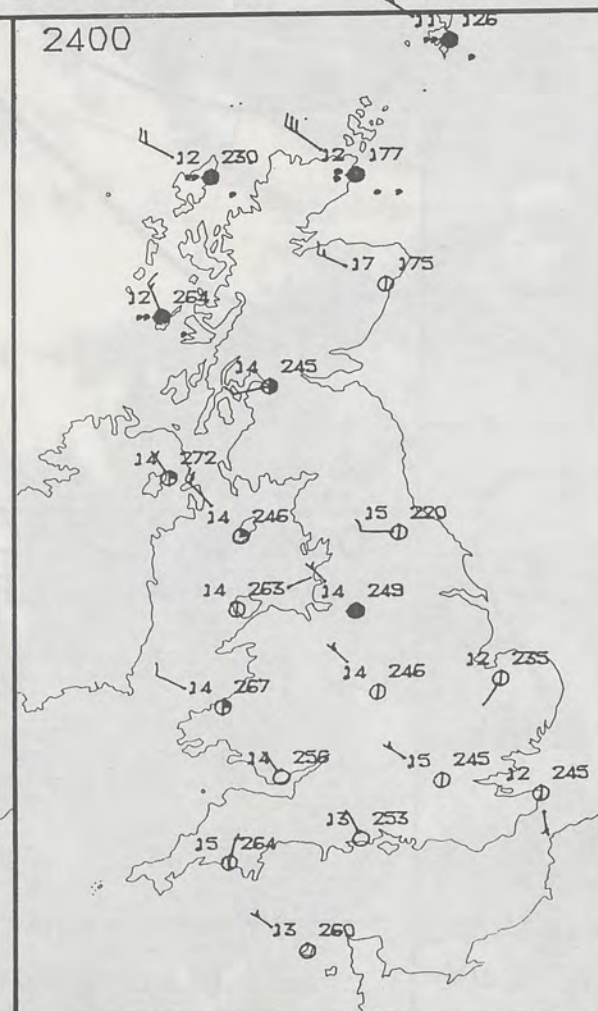


PLOTTED SURFACE OBSERVATIONS

1800



2400



0600



1200



SIGNIFICANT WEATHER CHARTS

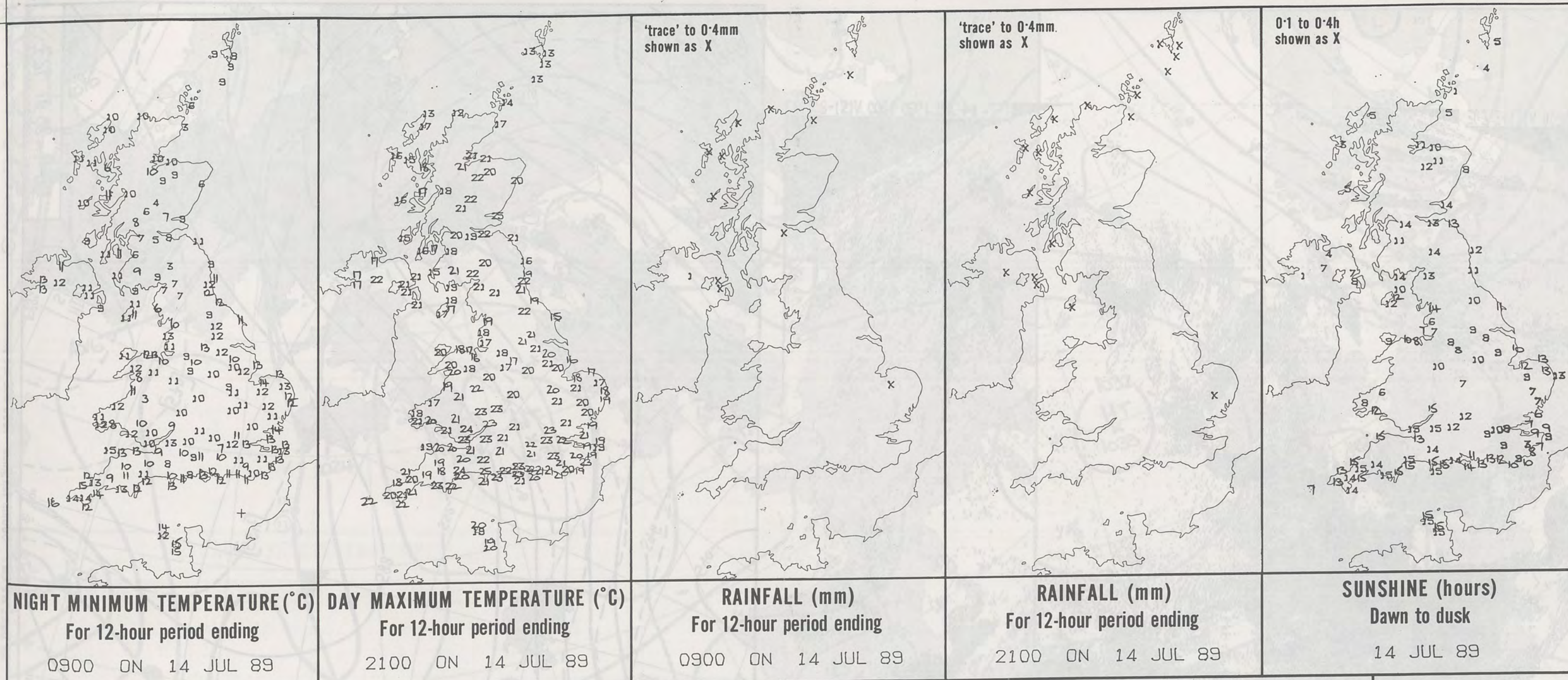
1800



2400







**EXTREMES FOR FRIDAY 14th JULY 1989**

Highest maximum	: 24.7°C Leuchars (Fife)
Lowest maximum	: 12.2°C Cape Wrath (Northern Scotland)
Lowest minimum	: 3.2°C Eskdalemuir (Dumfries & Galloway)
Lowest grass minimum	: -1.2°C Eskdalemuir (Dumfries & Galloway)
Most rain (24 hours from 0900 GMT)	: 2.9 mm Rackwick (Orkney)
Most sun	: 15.2 hours Ross-on-Wye (Hereford & Worcester), Exeter (Devon)

**DAILY  
WEATHER  
SUMMARY**



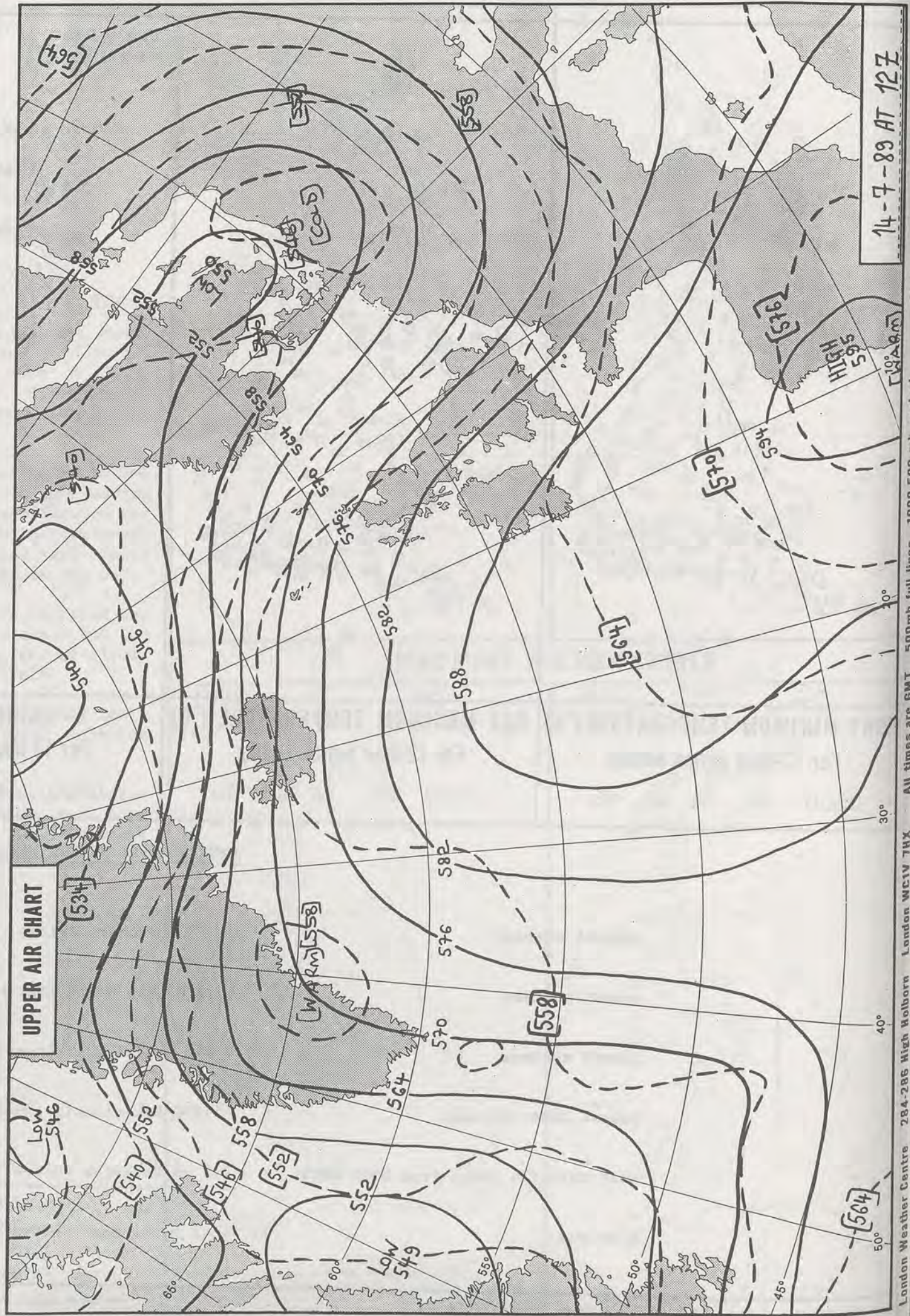
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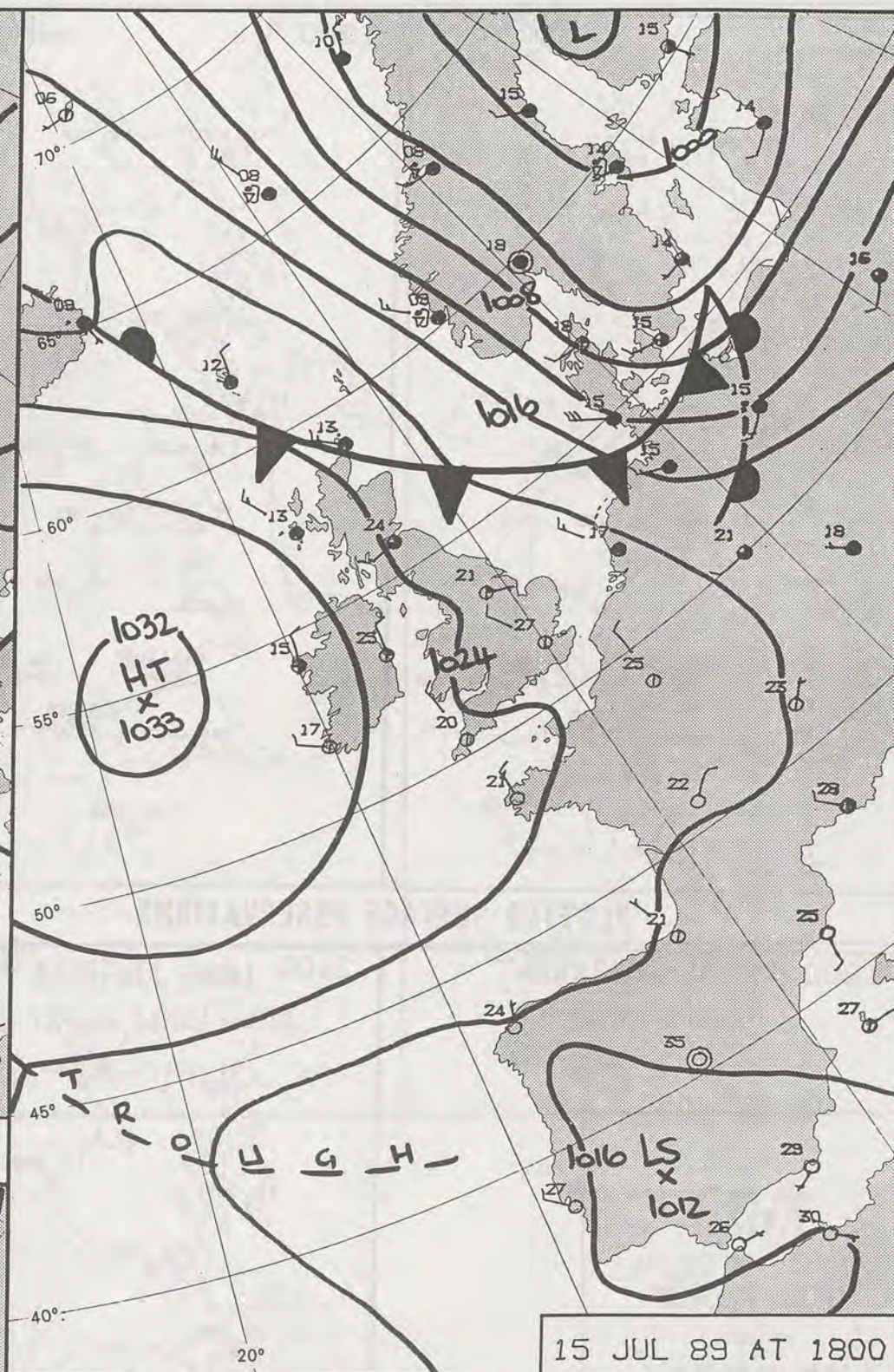
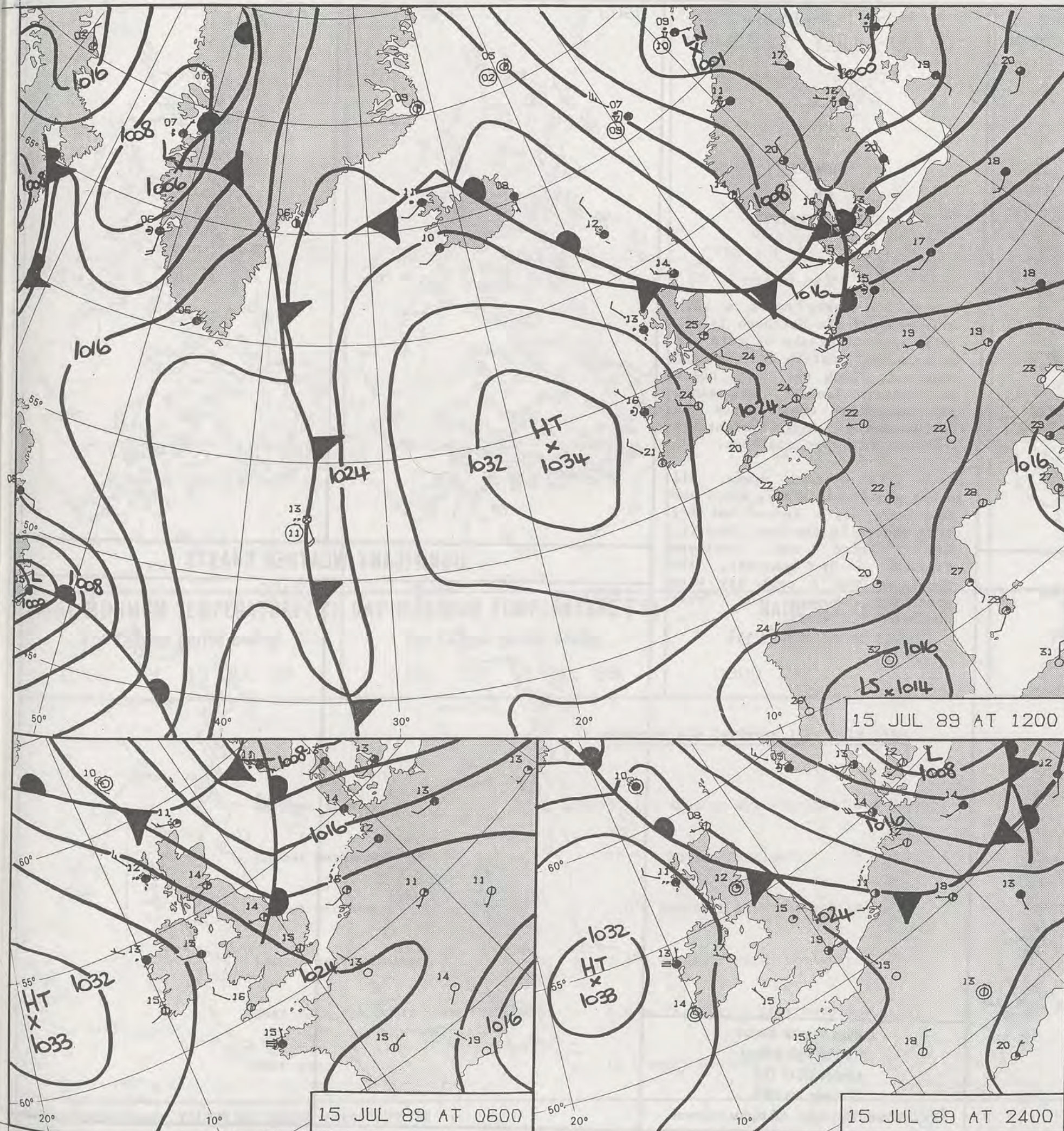
1489 1200 WIS1+2 C02



NET: 14 JUL 1989 1200 VIS1+2 C02







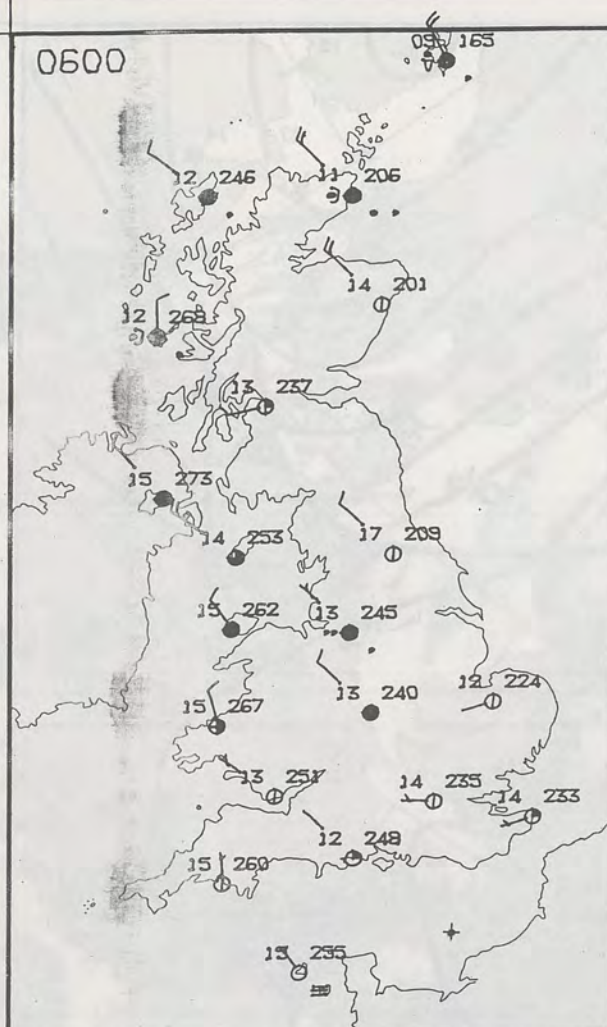
DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR  
SATURDAY 15 JULY 1989

London Weather Centre 284-286 High Holborn London WC1V 7HX

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0600



1200



SATURDAY  
15 JULY 1989

SUMMARY  
OF  
BRITISH WEATHER

During the early hours a weak wave crossed the Northern Isles. There were outbreaks of rain and drizzle over western and northern Scotland, along the north coast of Northern Ireland, and along the Lancashire coast where the northwesterly winds brought in moisture from the Irish Sea.

Away from coastal areas, all other places had a dry, sunny and very warm day - indeed hot for many places in the West Country, South Wales and southern England. By contrast, the Shetlands had a cool day with scattered showers and fresh northwesterly winds.

0600

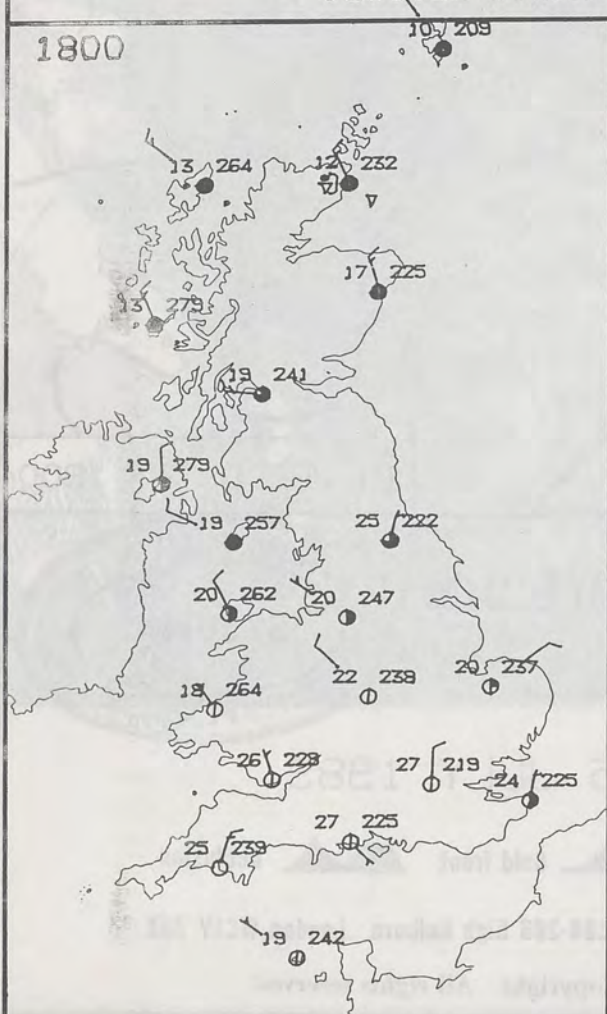


1200

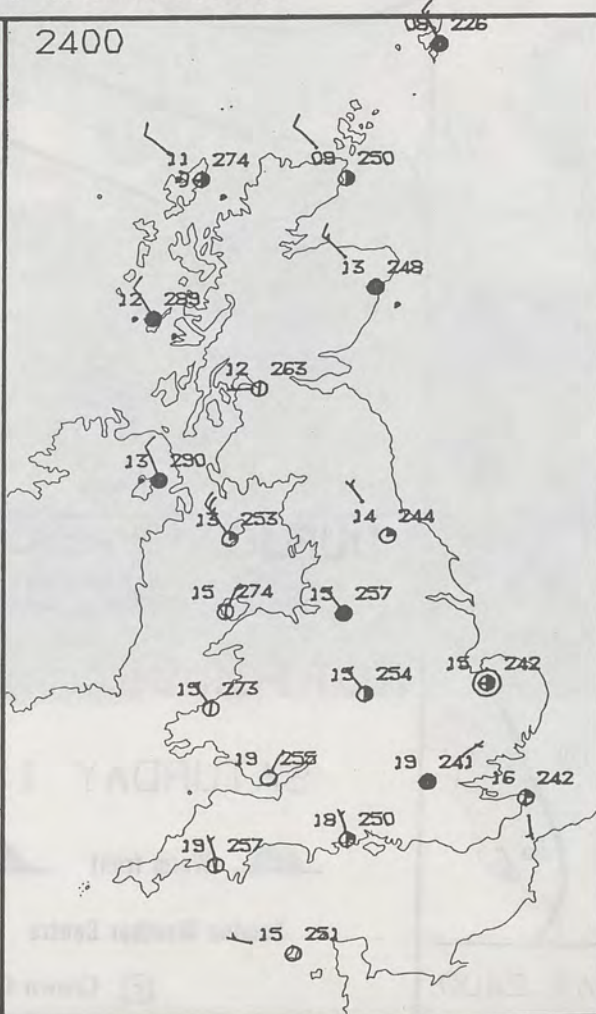


PLOTTED SURFACE OBSERVATIONS

1800



2400



SIGNIFICANT WEATHER CHARTS

1800



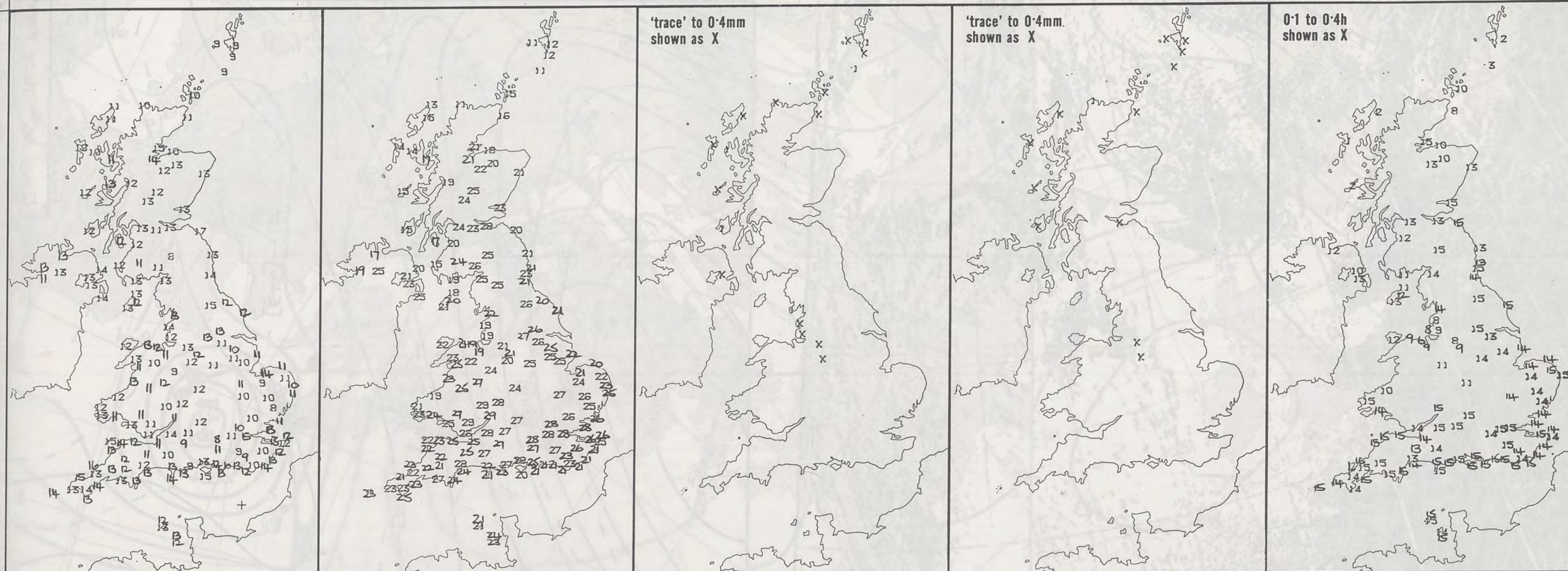
2400



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London WC1V 7HX  
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NIGHT MINIMUM TEMPERATURE (°C) For 12-hour period ending 0900 ON 15 JUL 89	DAY MAXIMUM TEMPERATURE (°C) For 12-hour period ending 2100 ON 15 JUL 89	RAINFALL (mm) For 12-hour period ending 0900 ON 15 JUL 89	RAINFALL (mm) For 12-hour period ending 2100 ON 15 JUL 89	SUNSHINE (hours) Dawn to dusk 15 JUL 89
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EXTREMES FOR SATURDAY 15TH JULY 1989	
Highest maximum	: 29.1°C Ross-on-Wye (Hereford and Worcester)
Lowest maximum	: 10.5°C Foula (Shetland)
Lowest minimum	: 8.0°C Beaufort Park (Berkshire)
Lowest grass minimum	: 2.4°C Beaufort Park (Berkshire)
Most rain (24 hours from 0900 GMT)	: 1.5 mm Cape Wrath (Northern Scotland)
Most sun	: 15.6 hours Newquay (Cornwall)

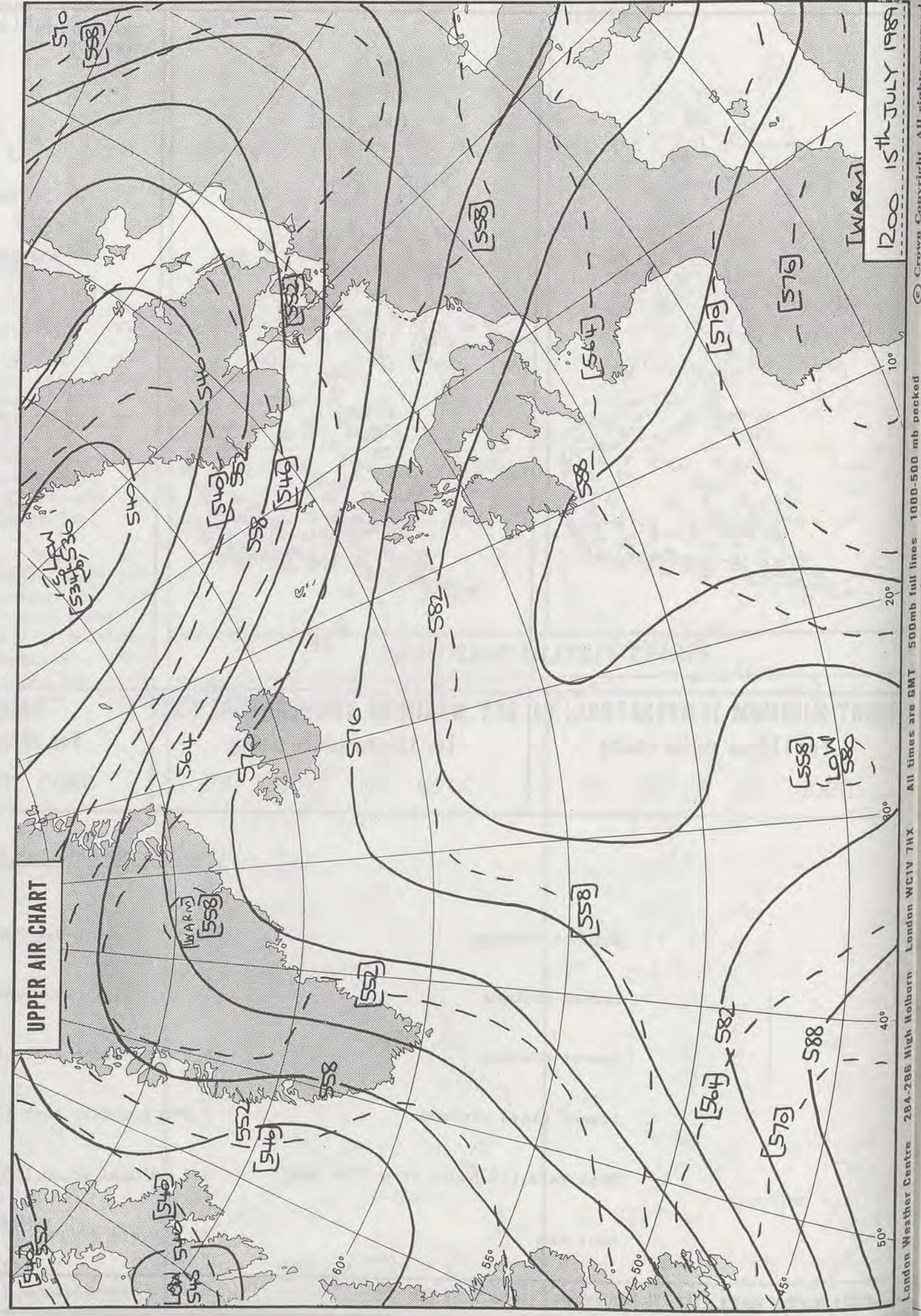
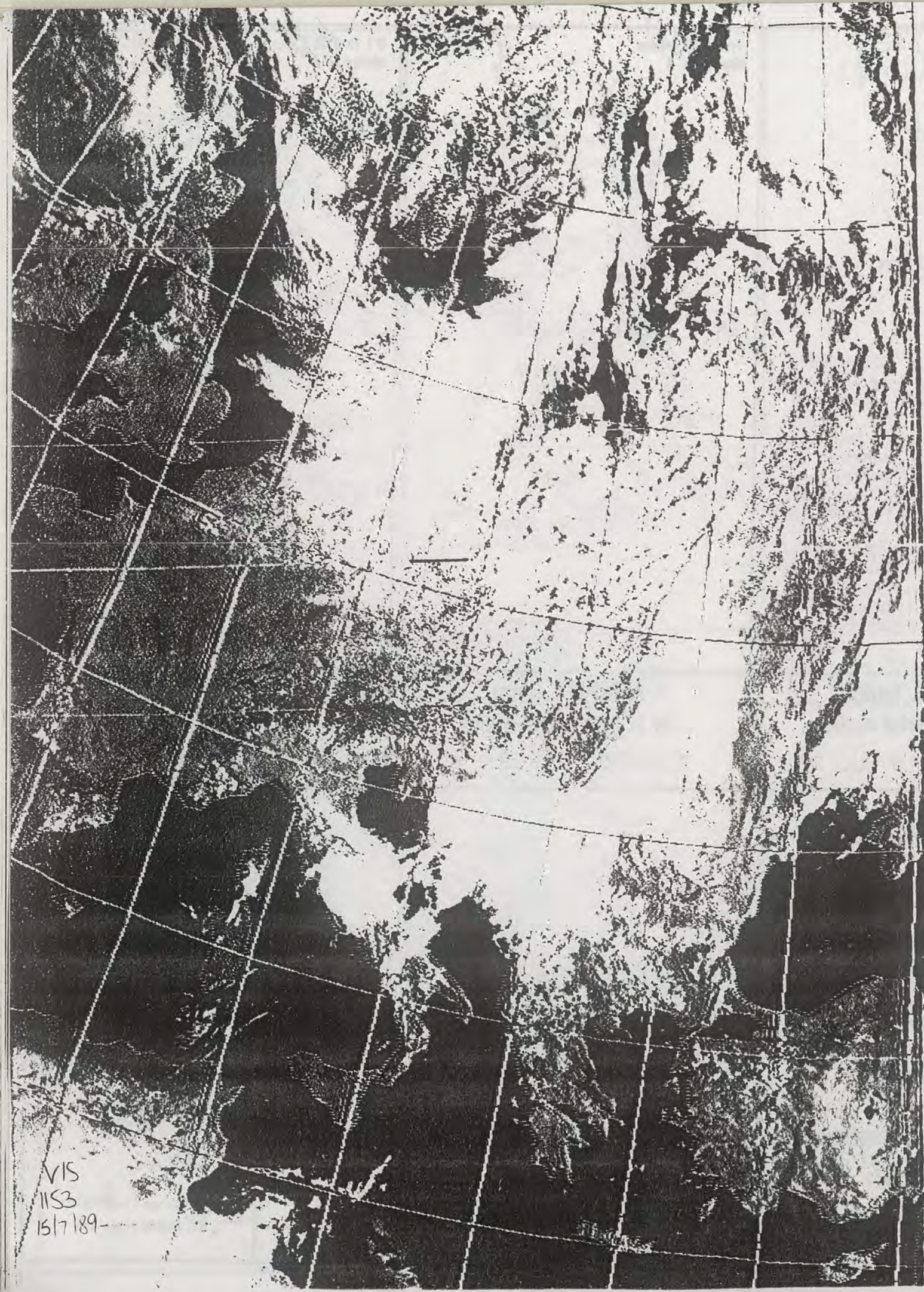
**DAILY  
WEATHER  
SUMMARY**



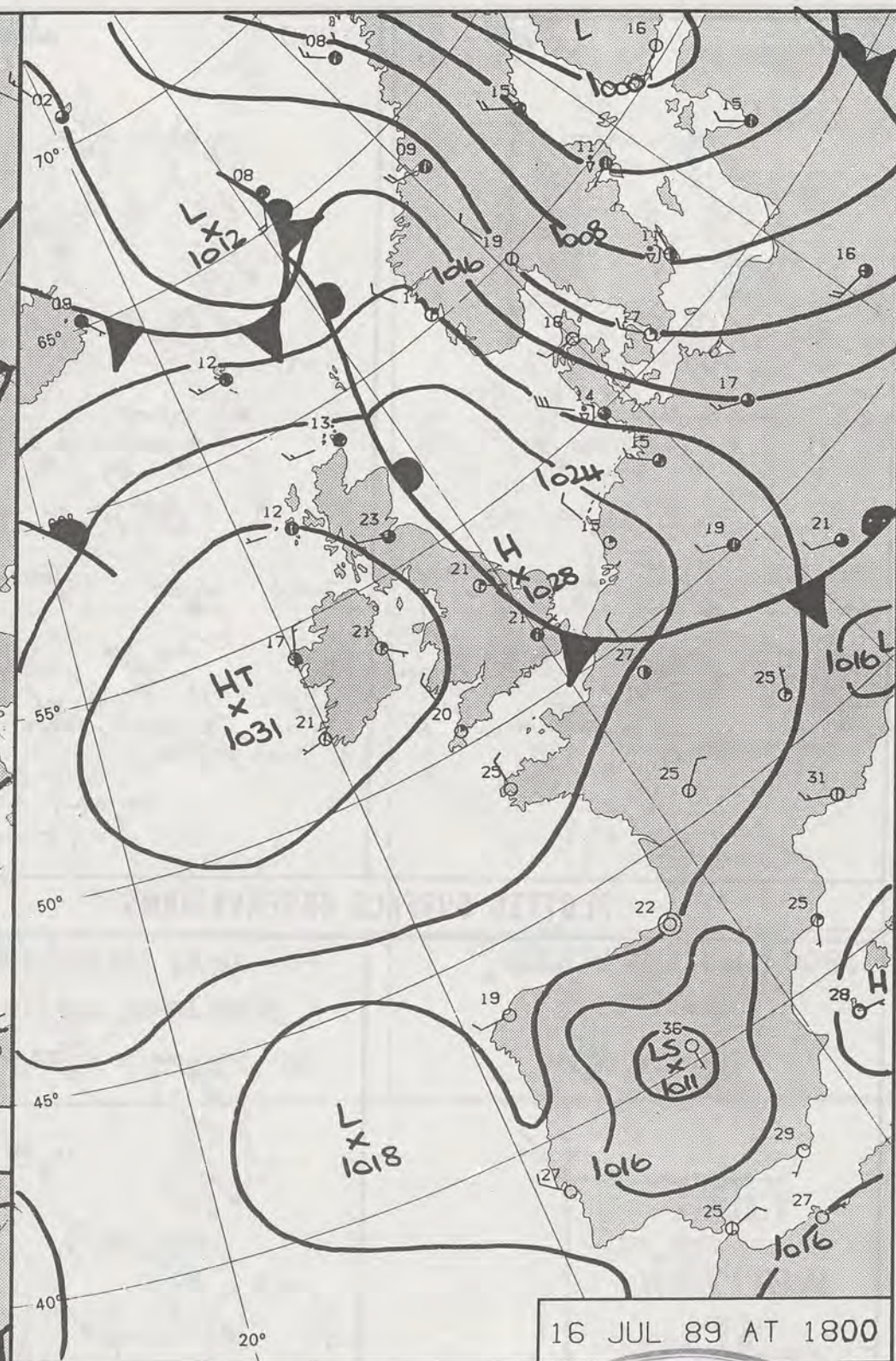
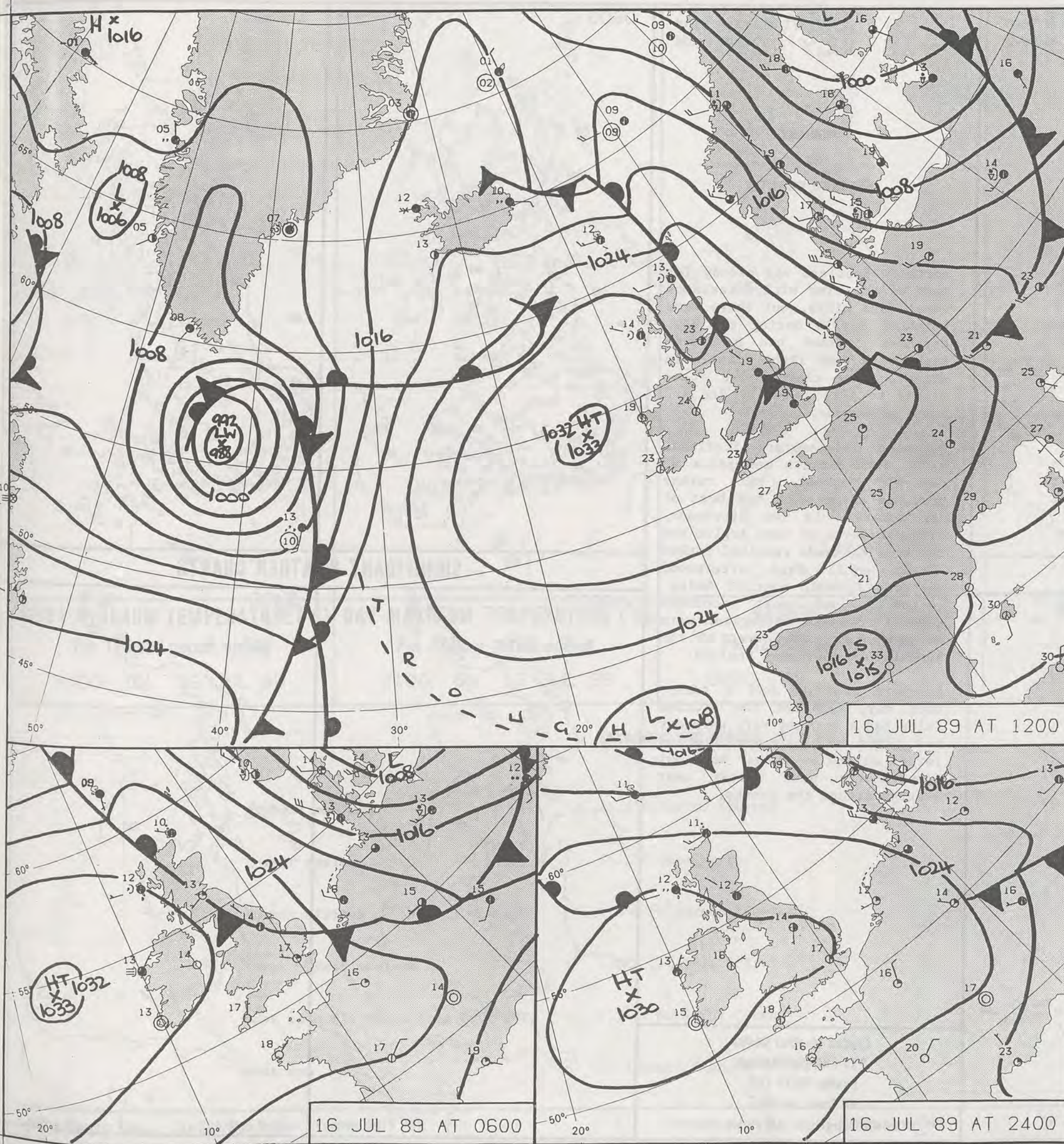
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VIS  
1153  
15/7/89-







16 JUL 89 AT 1800

DUPLICATE ALSO  
 DAILY WEATHER SUMMARY  
 NOT FOR LOAN FOR

SUNDAY 16 JULY 1989

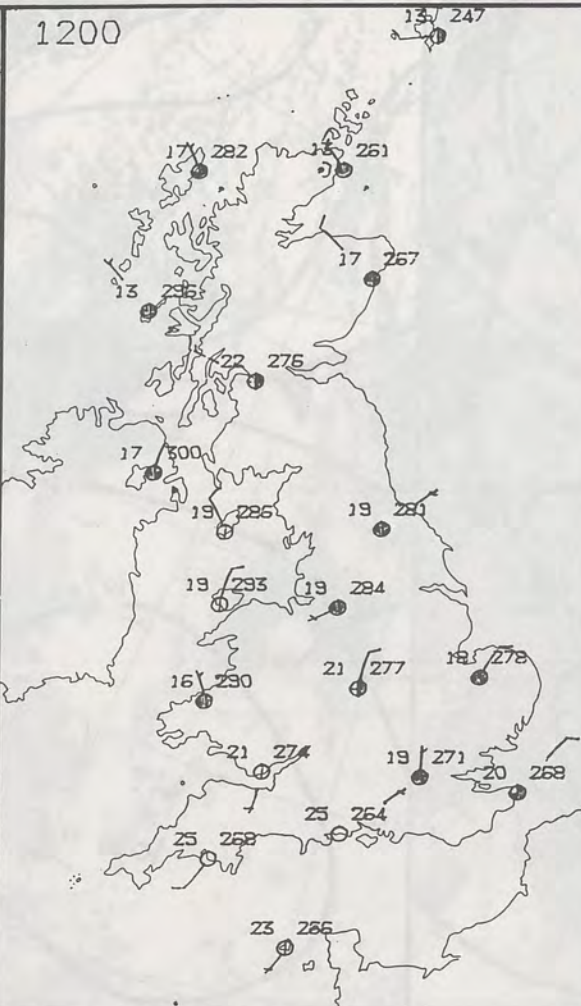
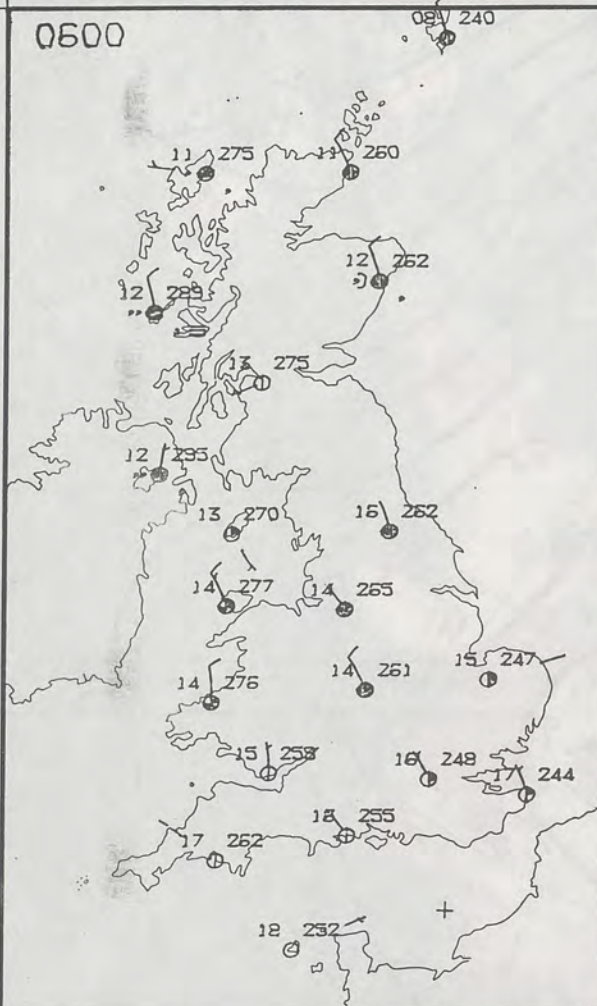
London Weather Centre 284-286 High Holborn London WC1V 7HX

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METEOLOGICAL OFFICE  
 24 JUL 1989  
 LIRA  
 METEOLOGICAL OFFICE

Legend:  
 Warm front (dashed line with semicircles)  
 Cold front (solid line with triangles)  
 Occlusion (solid line with semicircles and triangles)





SUNDAY  
16 JULY 1989

SUMMARY  
OF  
BRITISH WEATHER

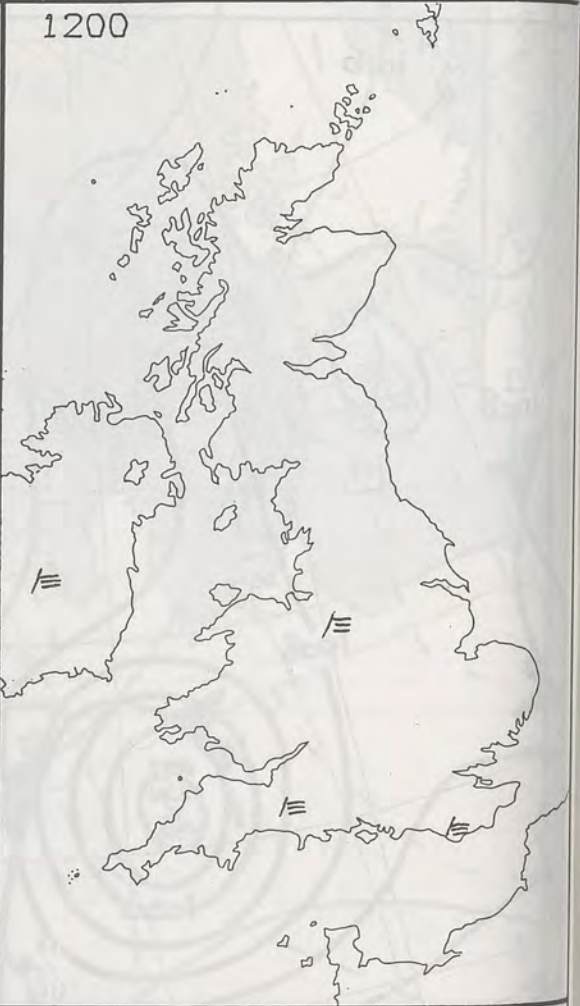
Northern Scotland was cloudy for much of the time with drizzle on coasts and hills, but there were brighter spells during the day. Northern Ireland had a cloudy night with some light drizzle in places. The cloud broke after midday to give a mostly dry and sunny afternoon.

Southern and eastern Scotland, along with eastern and parts of central England, had rather variable cloud with the best of the sunshine in the afternoon, although parts of East Anglia and the East Midlands remained rather cloudy until late afternoon. Western England, most of Wales, southwest and most southern coastal counties of England were dry and sunny, the best of the sunshine in southwest England.

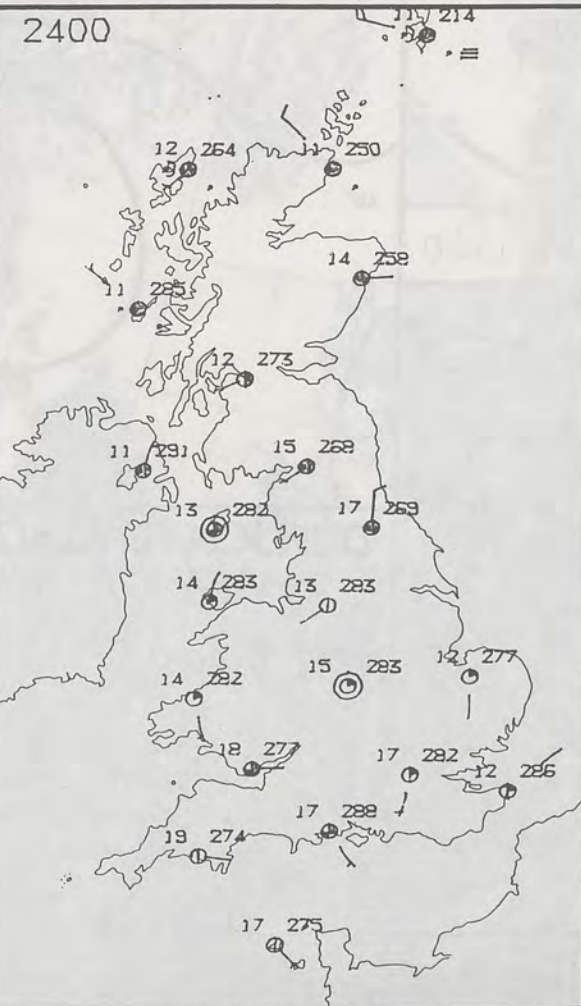
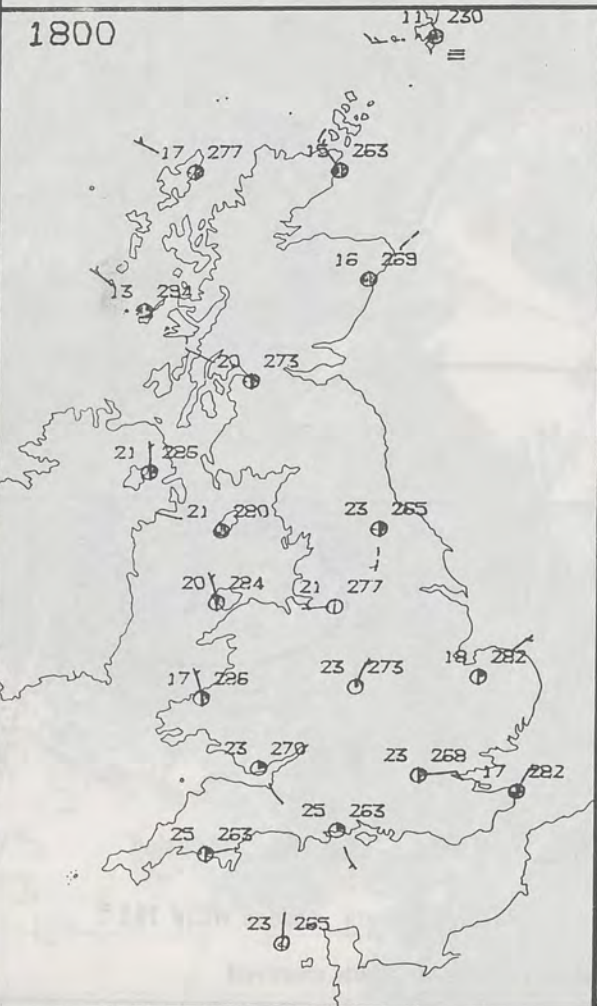
Northern Scotland had a rather cool day, most of the British Isles had a warm or very warm day and parts of southwest England turned out to be rather hot, but temperatures were mostly near average around the coasts.

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All times are GMT

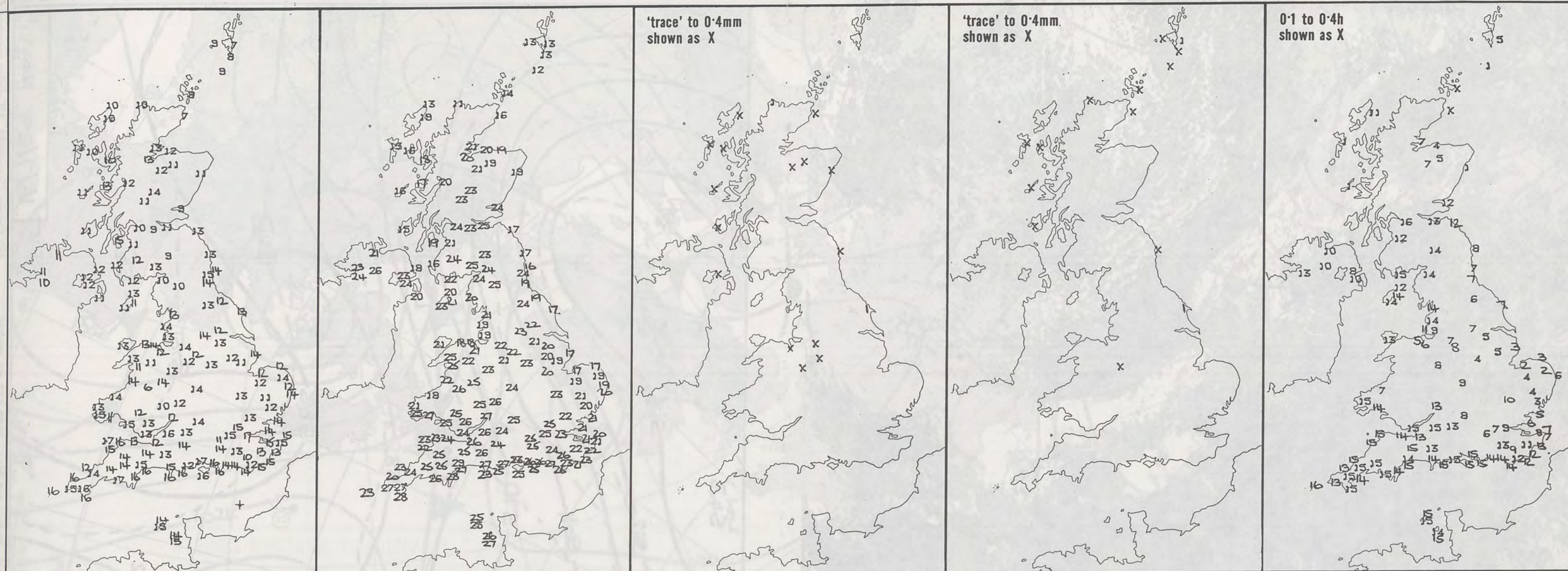
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SIGNIFICANT WEATHER CHARTS







NIGHT MINIMUM TEMPERATURE (°C) For 12-hour period ending 0900 ON 16 JUL 89	DAY MAXIMUM TEMPERATURE (°C) For 12-hour period ending 2100 ON 16 JUL 89	RAINFALL (mm) For 12-hour period ending 0900 ON 16 JUL 89	RAINFALL (mm) For 12-hour period ending 2100 ON 16 JUL 89	SUNSHINE (hours) Dawn to dusk 16 JUL 89
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# EXTREMES FOR SUNDAY 16TH JULY 1989

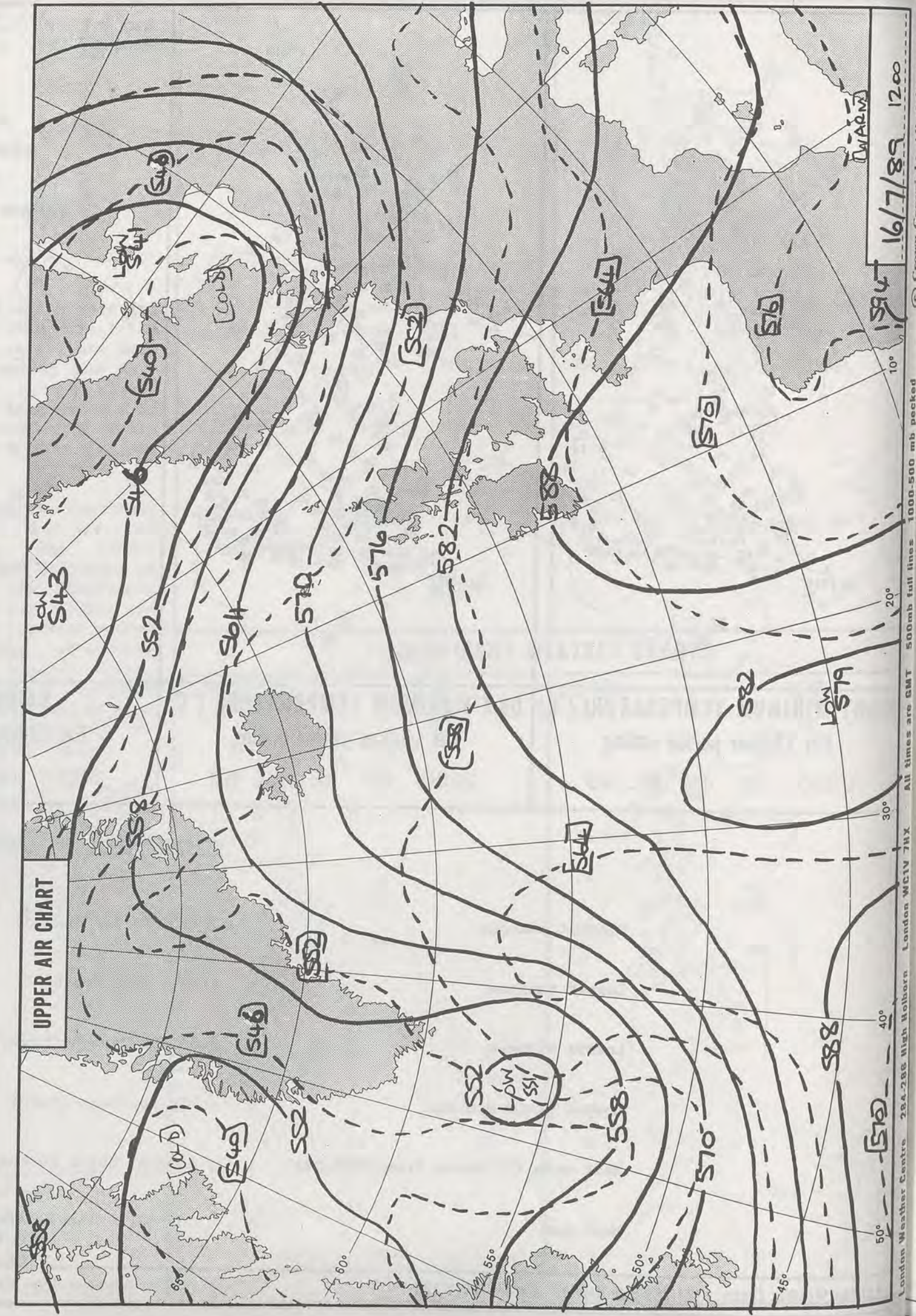
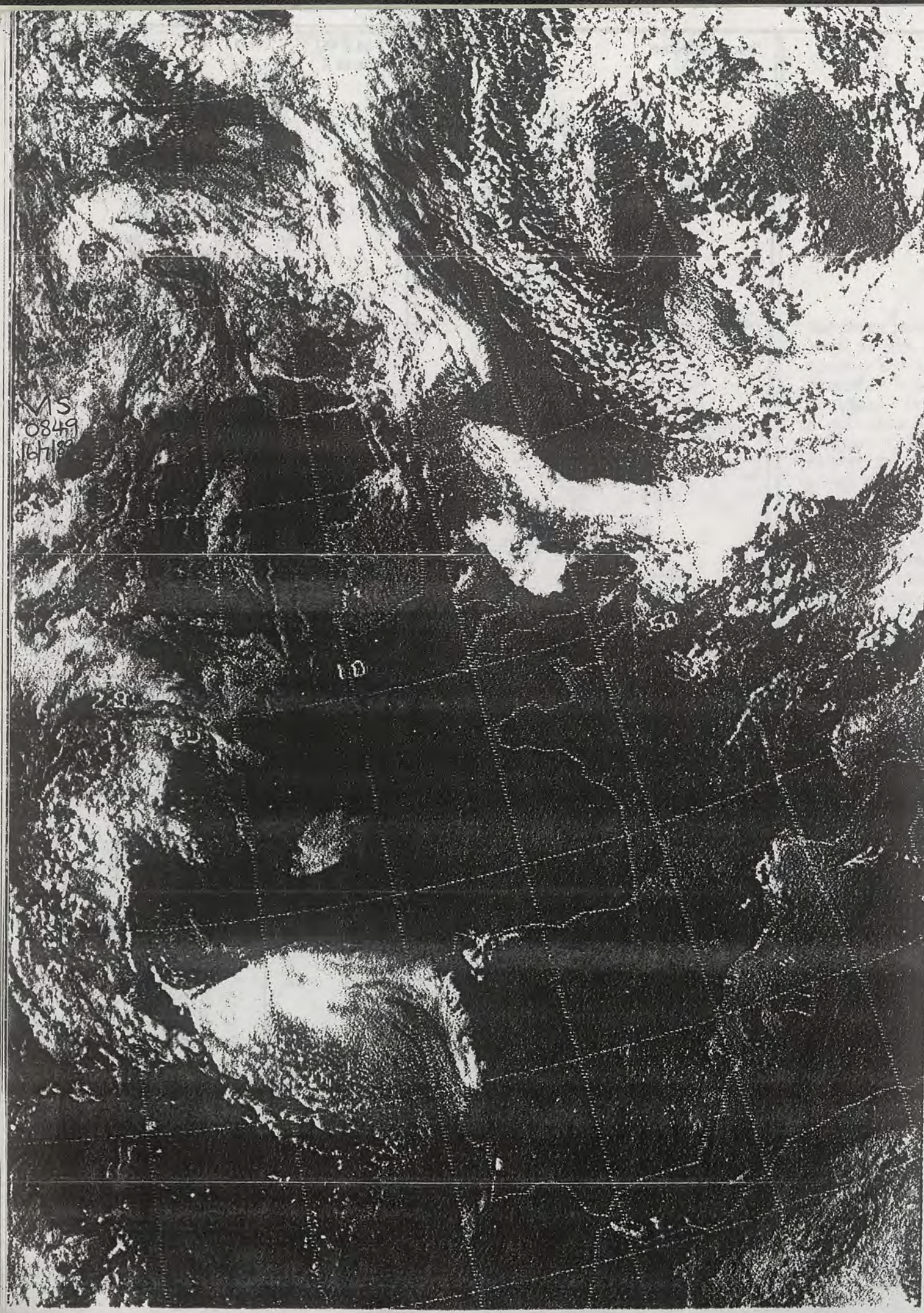
Highest maximum	: 28.9°C Exeter (Devon)
Lowest maximum	: 11.2°C Cape Wrath
Lowest minimum	: 6.0°C St Harmon (Powys)
Lowest grass minimum	: 4.0°C Leuchars (Fife)
Most rain (24 hours from 0900 GMT)	: 2.5 mm Rackwick (Orkney)
Most sun	: 15.9 hours Glasgow Airport

## DAILY WEATHER SUMMARY



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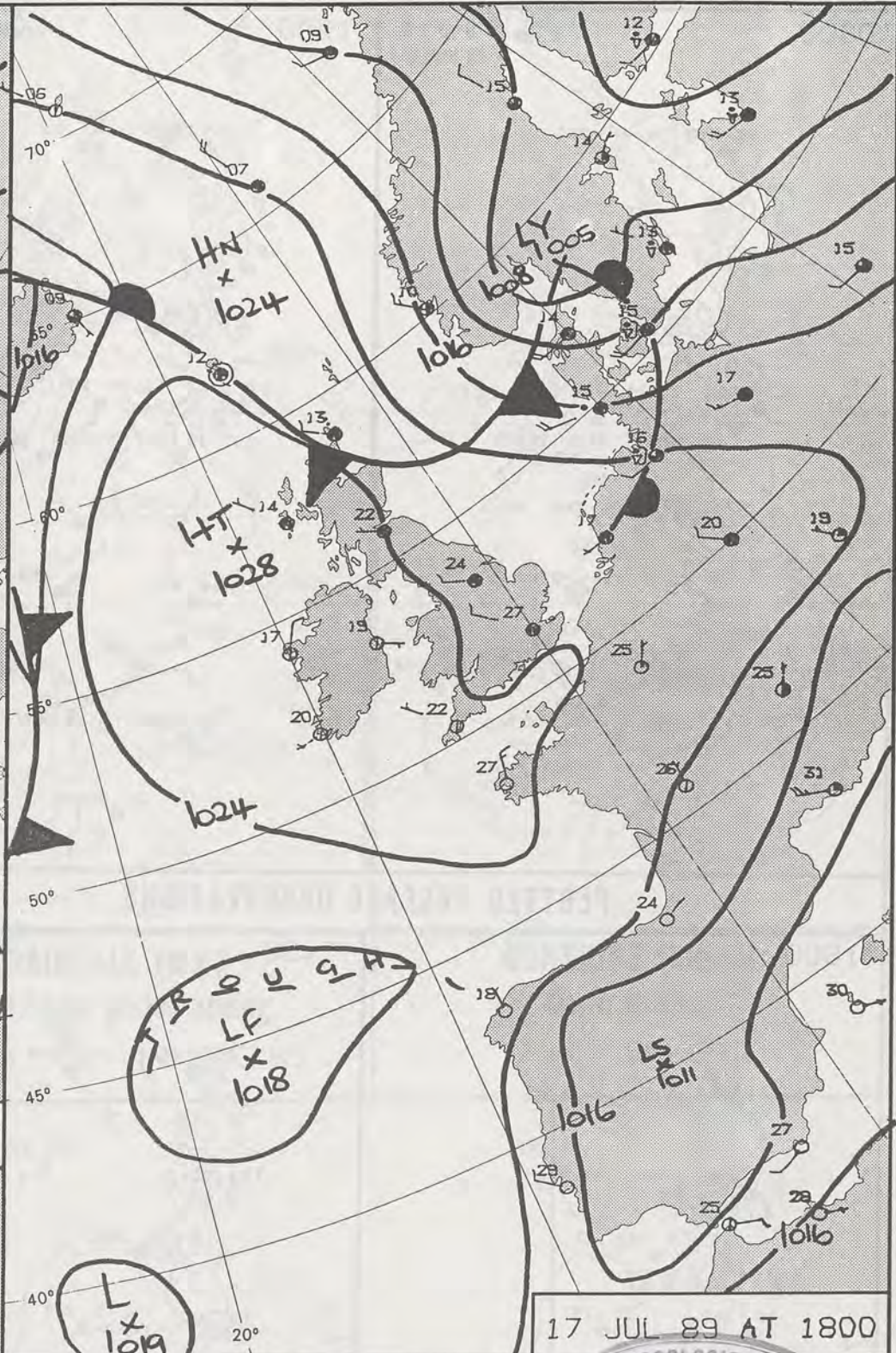
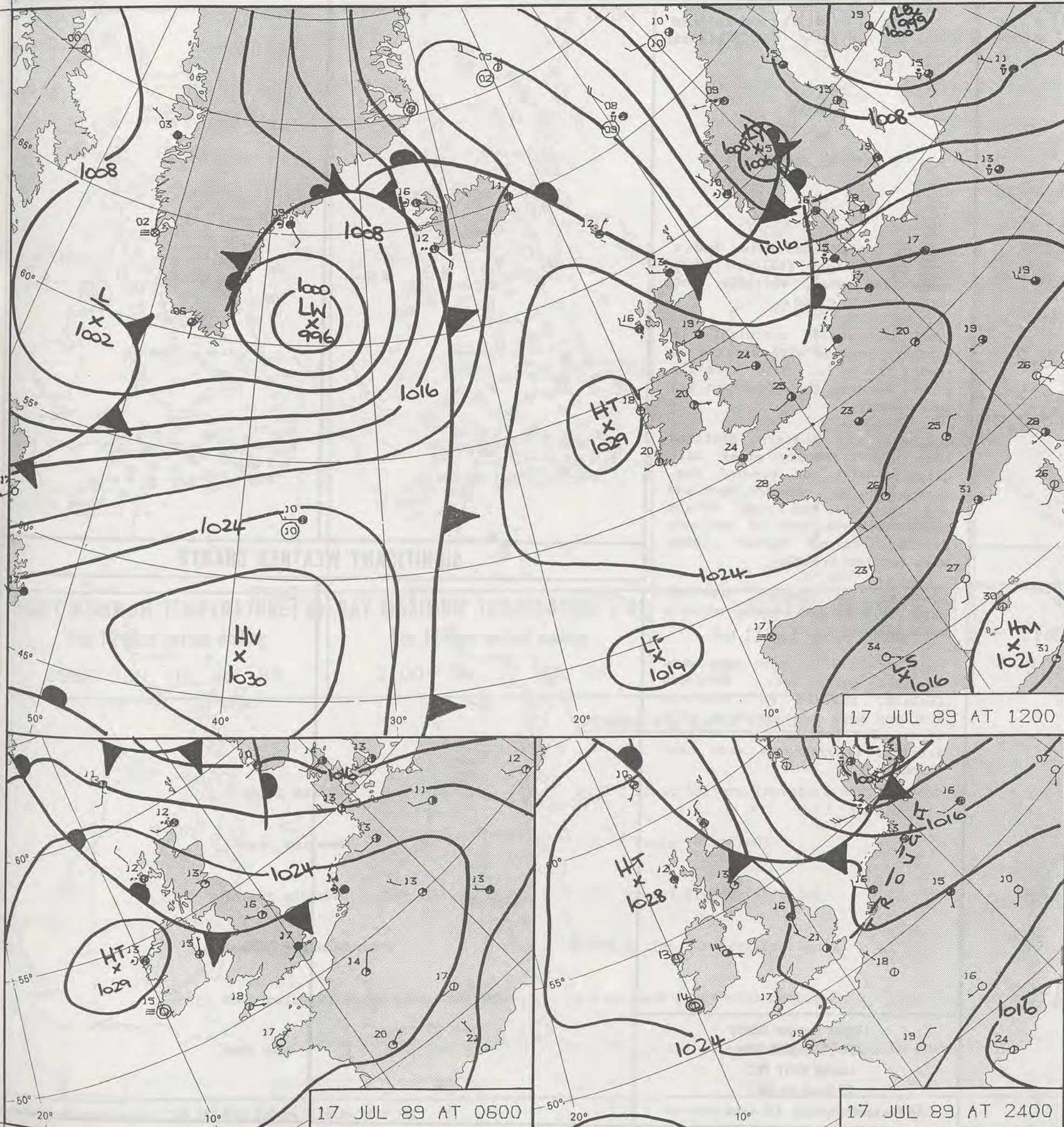






1800 16/7/89 1200

London Weather Centre 284-286 High Holborn London WC1V 7HX All times are GMT 500mb full lines 1000-500 mb pecked



DUPLICATE ALSO  
DAILY WEATHER SUMMARY

NOT FOR LOAN FOR

MONDAY 17 JULY 1989

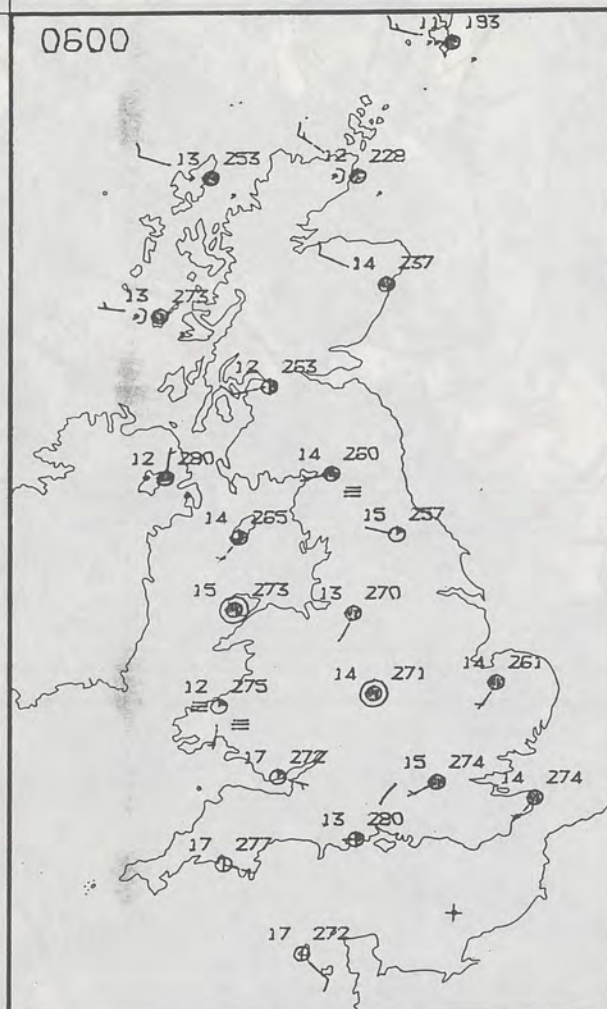
Warm front Cold front Occlusion

London Weather Centre 284-286 High Holborn London WC1V 7HX

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0600



1200



MONDAY  
17 JULY 1989

SUMMARY  
OF  
BRITISH WEATHER

Most of England and Wales had a dry, clear night followed by a sunny day with variable but mostly patchy cloud.

Cloud increased overnight in Northern Ireland with drizzle on coasts and hills. After a fairly cloudy morning the afternoon was quite sunny.

Northern and western Scotland also had a cloudy night with drizzle, hill and coastal fog. During the day western Scotland and Shetland had some bright spells but the rest of northern Scotland stayed rather cloudy with further drizzle.

Southern and eastern Scotland were dry and fairly sunny after a mostly clear night.

England and Wales were very warm or even quite hot. Northern Ireland, eastern and southern Scotland were also warm or very warm. For northern and western Scotland temperatures were near normal.

London Weather Centre  
284-286 High Holborn  
London WC1V 7HX  
All times are GMT

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0600

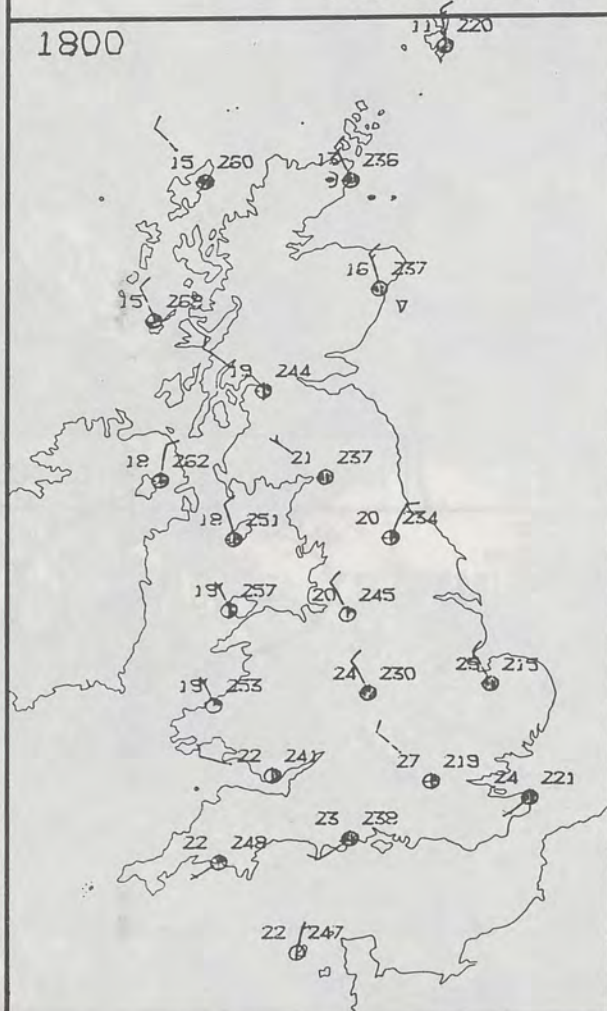


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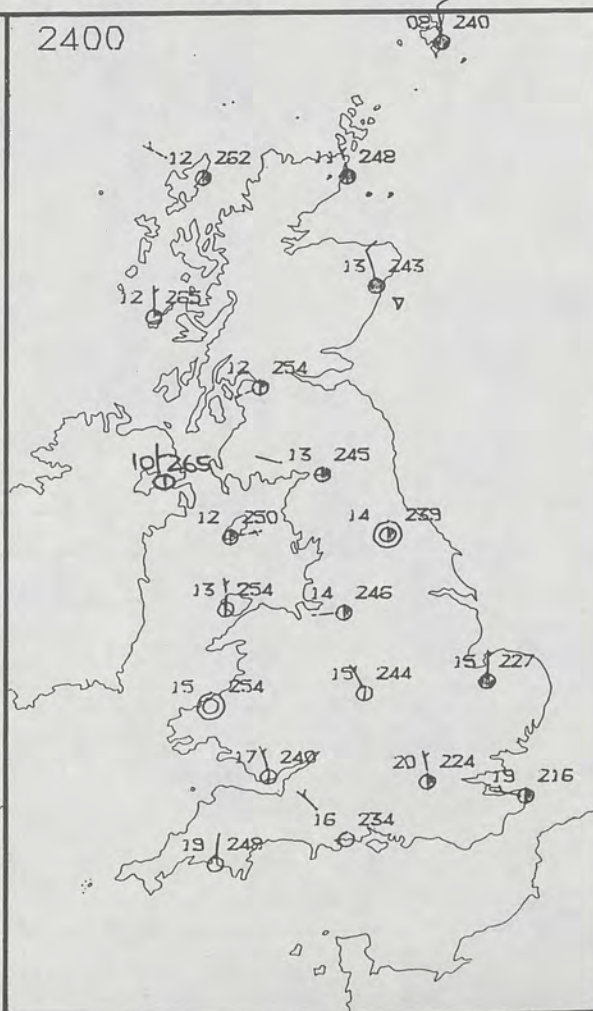


PLOTTED SURFACE OBSERVATIONS

1800



2400

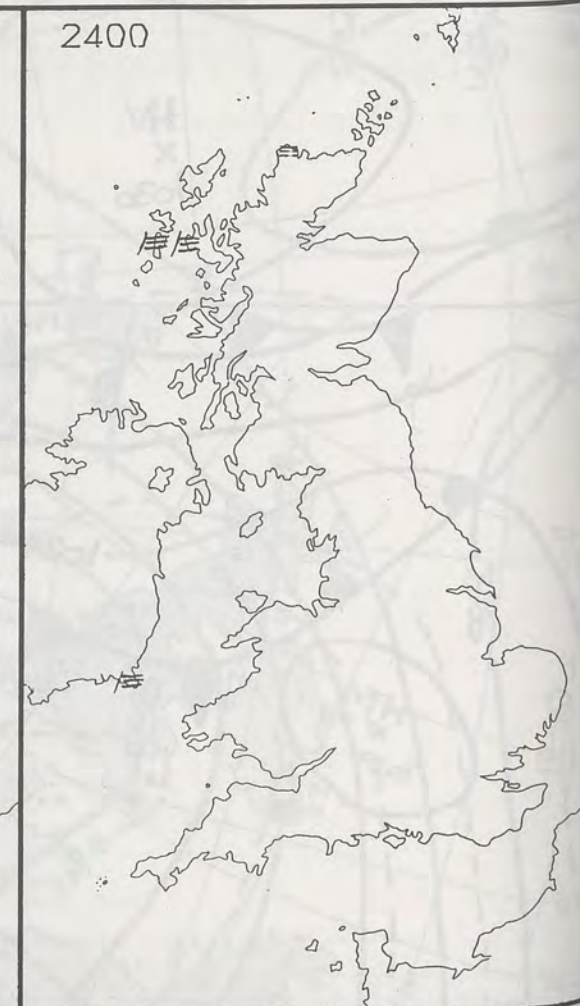


SIGNIFICANT WEATHER CHARTS

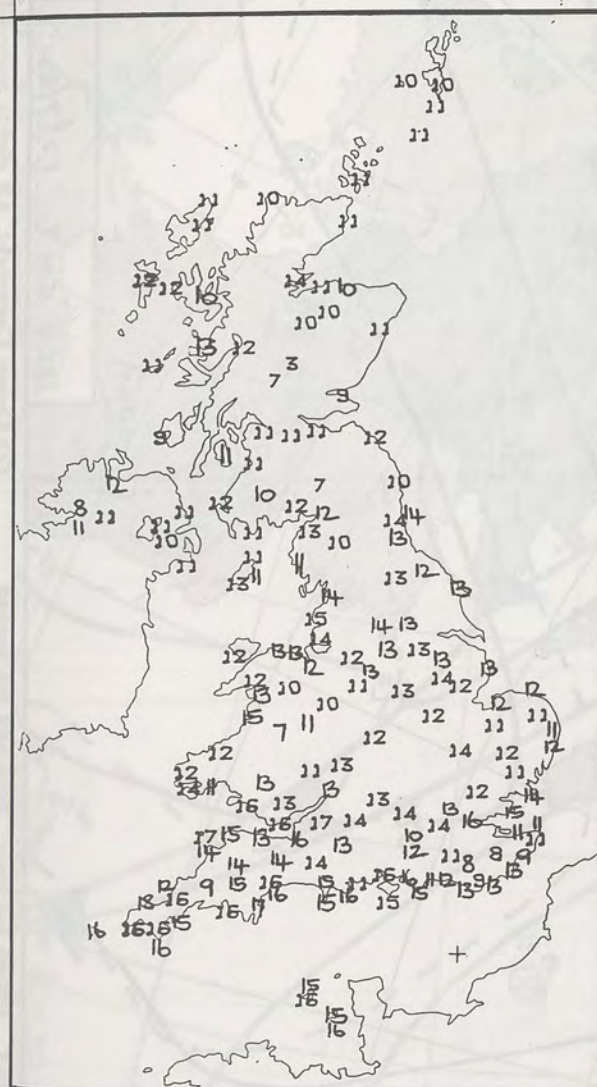
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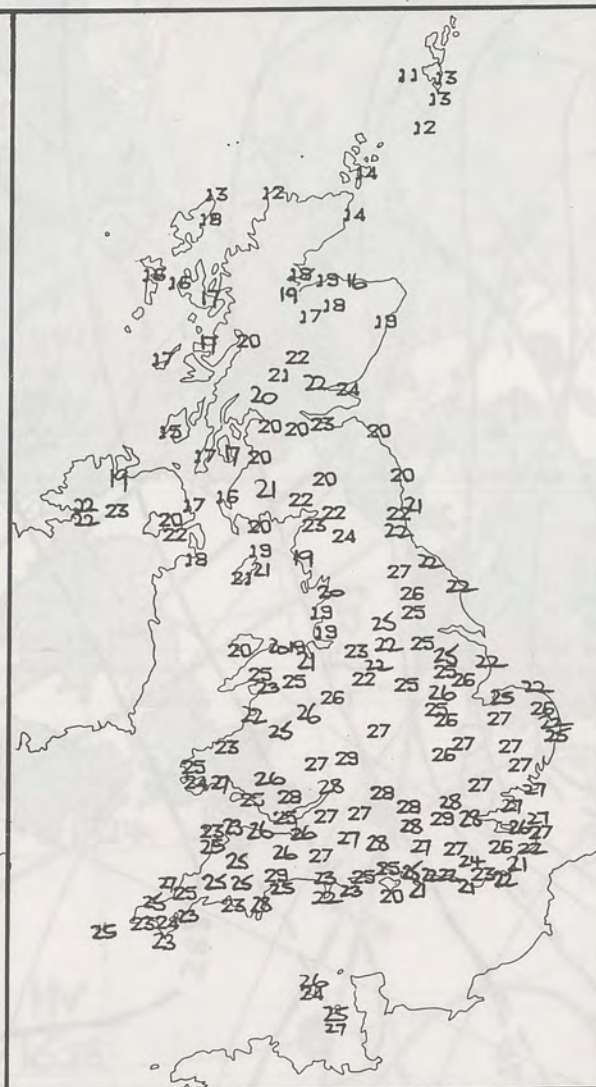
2400







**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 17 JUL 89



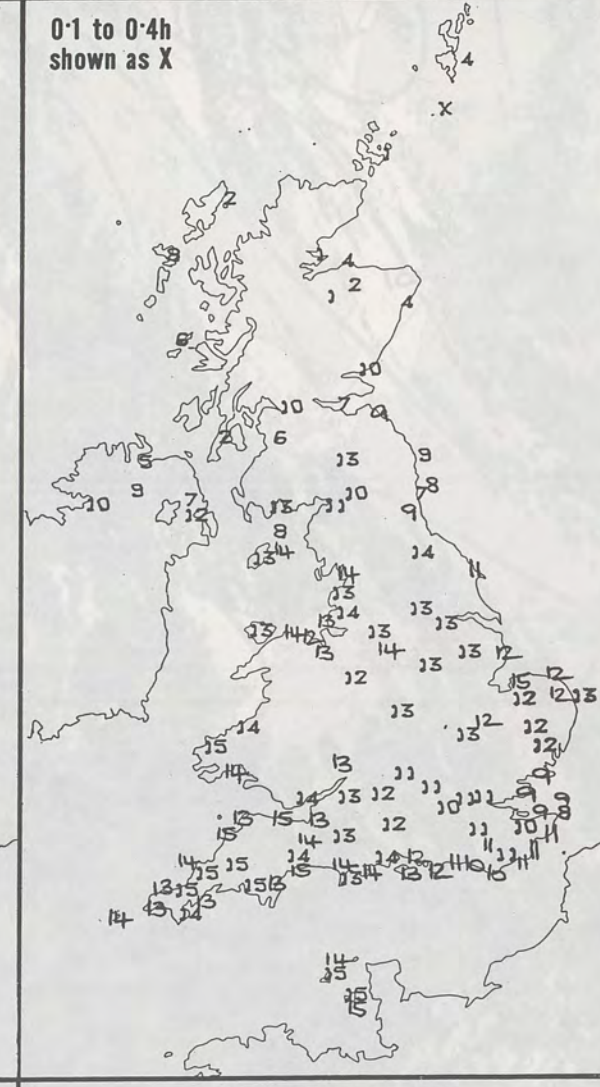
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 17 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 17 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 17 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
17 JUL 89

**EXTREMES FOR MONDAY 17TH JULY 1989**

Highest maximum : 29.0°C Great Malvern (Hereford and Worcester)

Lowest maximum : 11.1°C Foula (Shetland)

Lowest minimum : 3.0°C Tummel Bridge (Tayside)

Lowest grass minimum : 3.0°C Killin (Central Scotland)

Most rain (24 hours from 0900 GMT) : 2.6 mm Wick (Northeast Scotland)

Most sun : 15.2 hours Camborne (Cornwall), Exmouth (Devon)

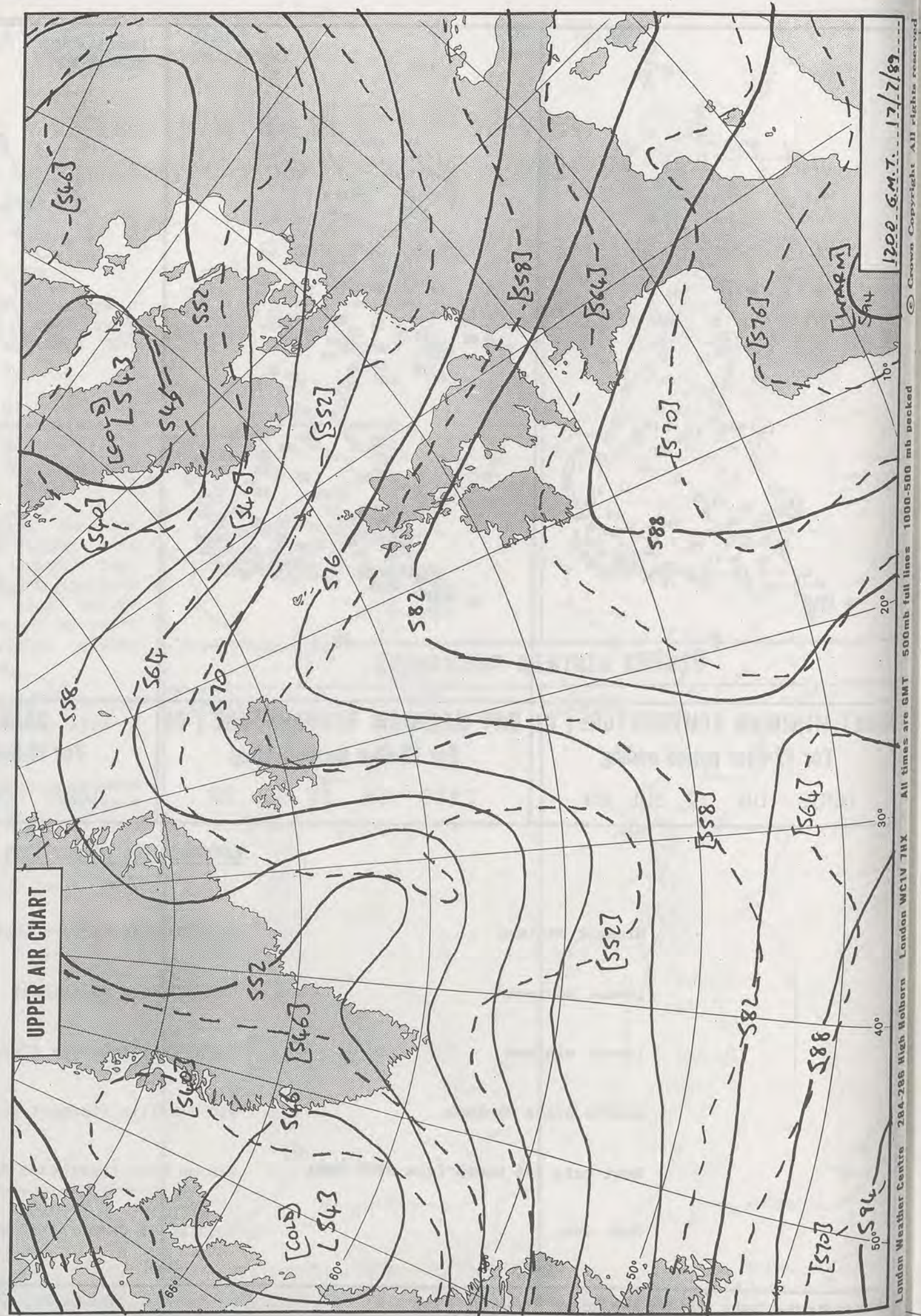
**DAILY  
WEATHER  
SUMMARY**



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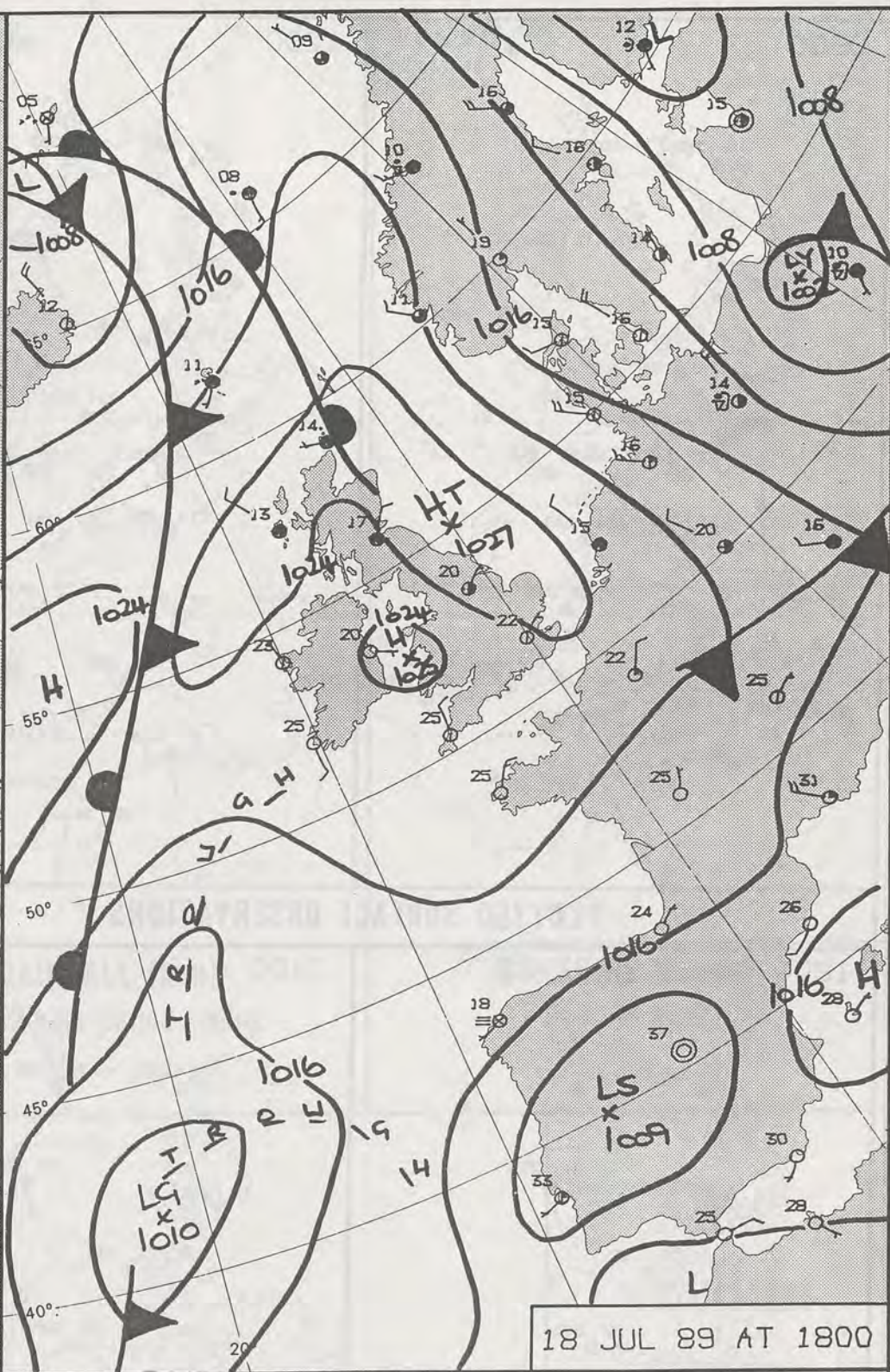
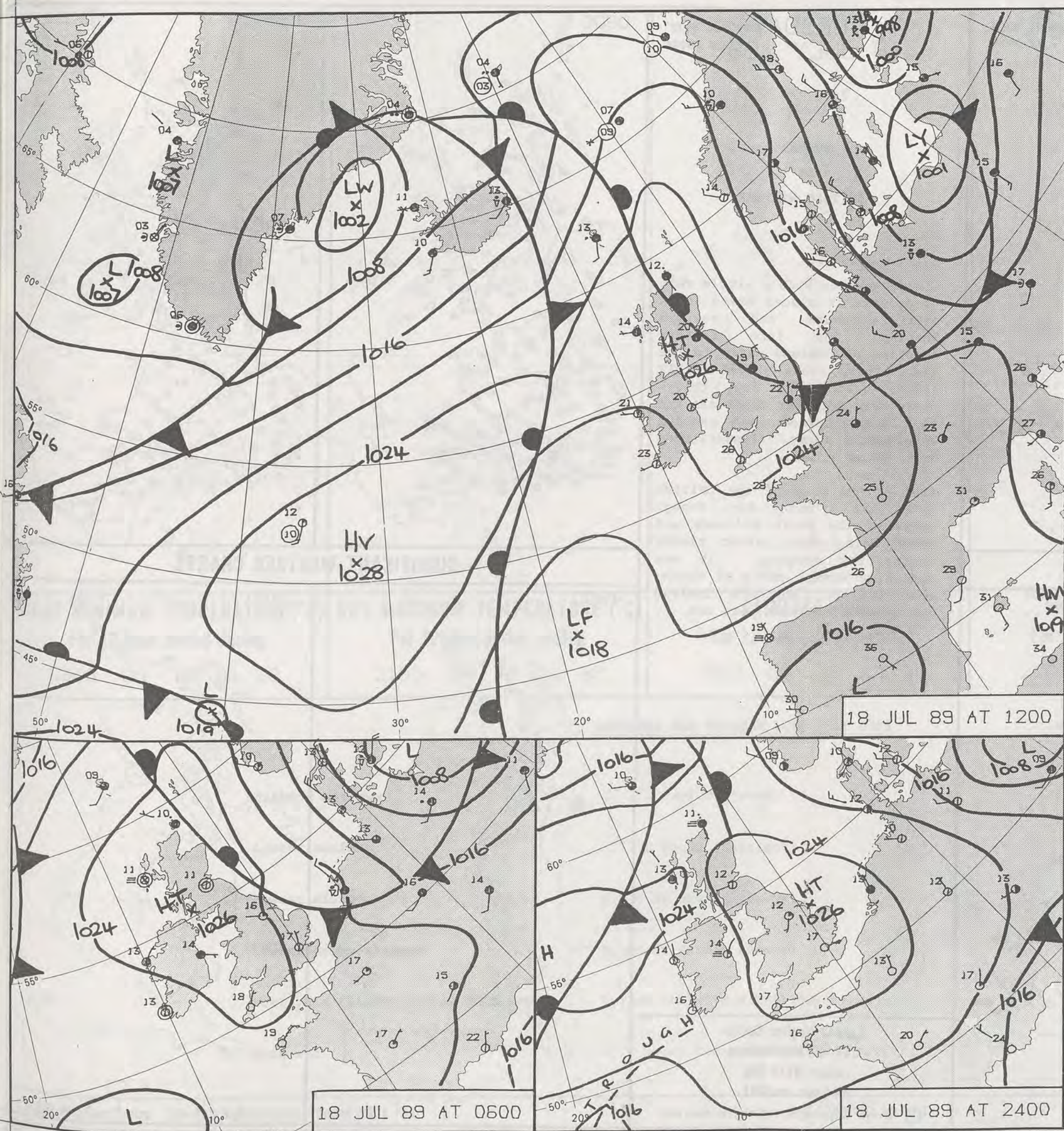


MS  
B14  
nh/88





1200 G.M.T. 17/7/89  
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London Weather Centre 284-286 High Holborn London WC1V 7HX



18 JUL 89 AT 1200

18 JUL 89 AT 1800

18 JUL 89 AT 0600

18 JUL 89 AT 2400

DUPLICATE ALSO

**DAILY WEATHER SUMMARY**

NOT FOR LOAN FOR

TUESDAY 18 JULY 1989

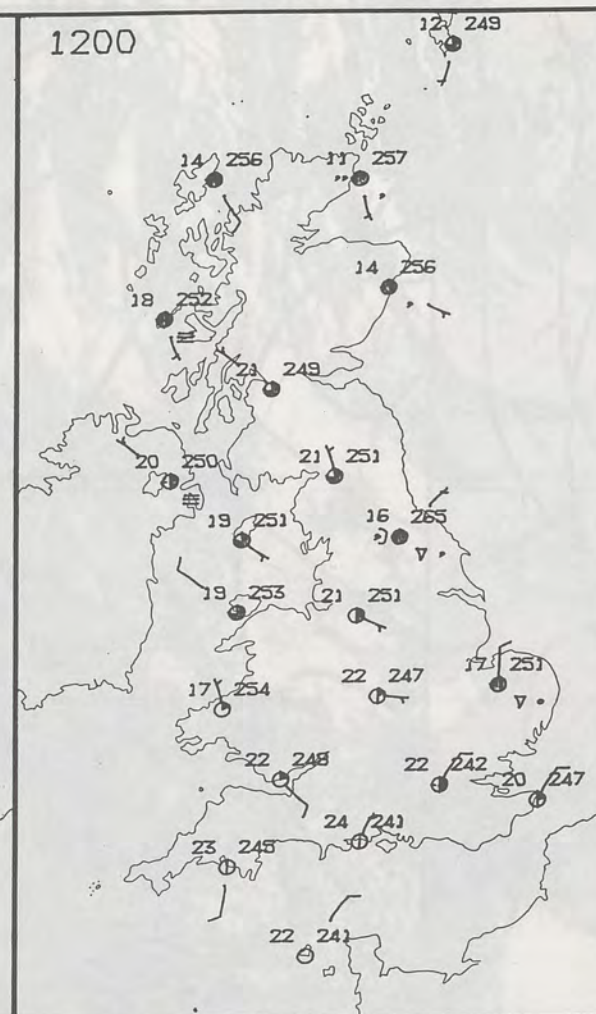
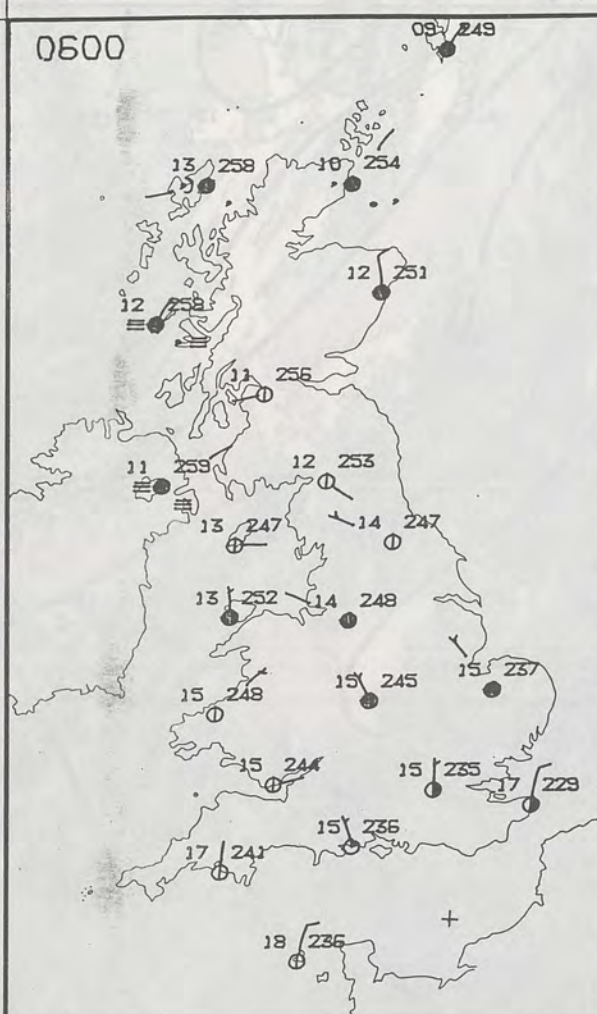
Warm front Cold front Occlusion

London Weather Centre 284-286 High Holborn London WC1V 7HX

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METEOLOGICAL OFFICE  
04 AUG 1989  
LIBRARY



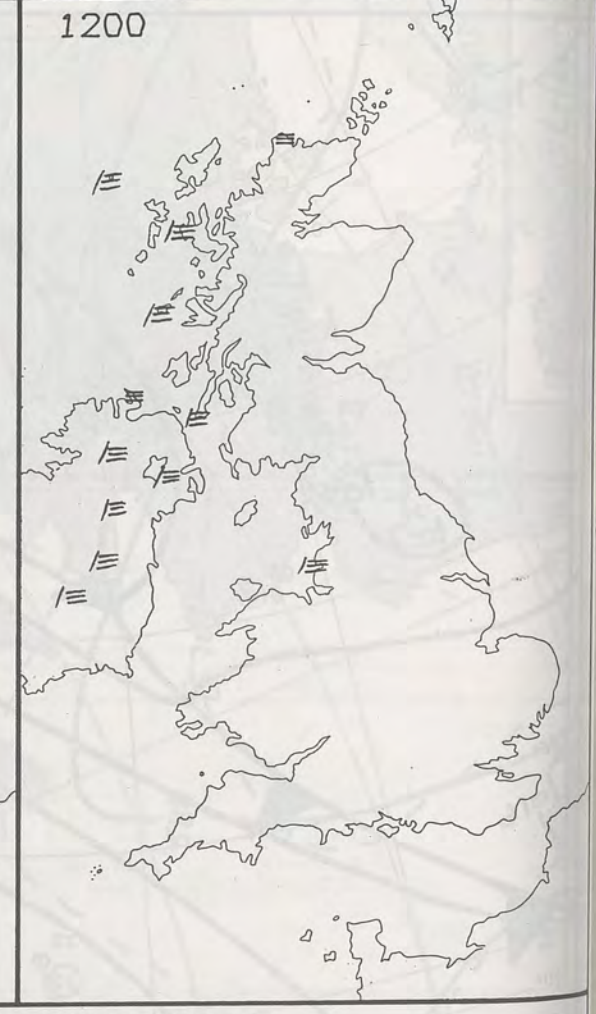


TUESDAY  
18 JULY 1989

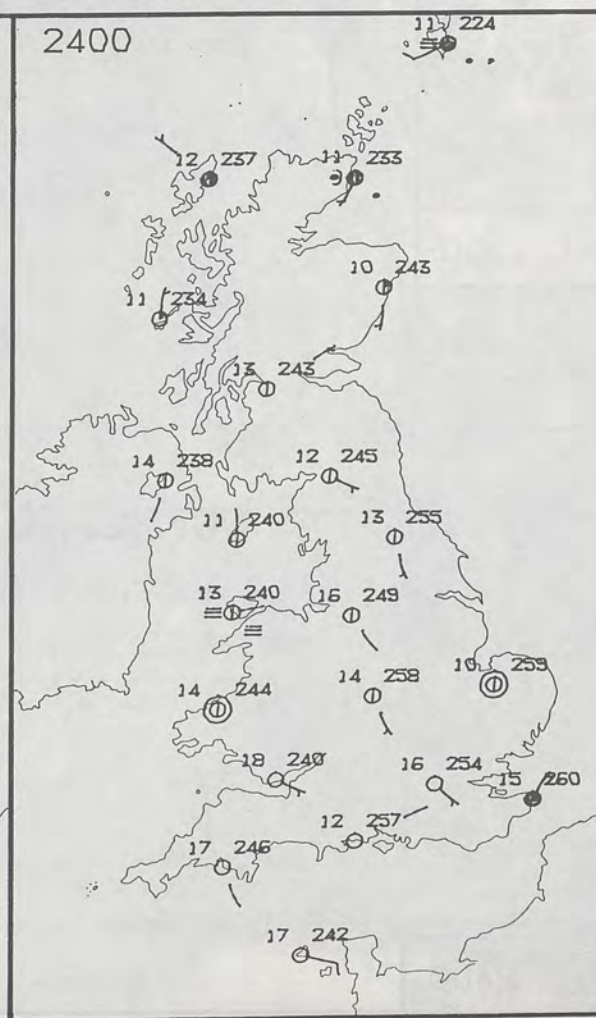
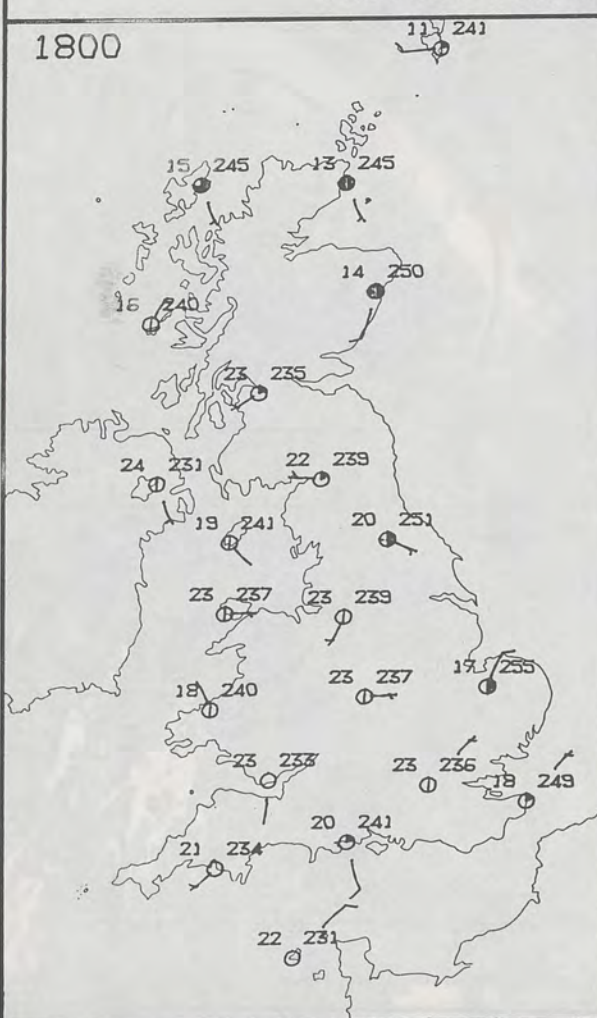
SUMMARY  
OF  
BRITISH WEATHER

Cloudy weather with a little rain or drizzle in places moved south over northern and eastern Scotland and into eastern counties of England early in the day. These areas stayed fairly cloudy during the day, though there were brighter intervals and the late afternoon and evening were mostly sunny. Temperatures were around normal.

Most of the rest of the British Isles had a sunny day, though parts of the North Midlands and North Wales were rather cloudy during the morning. It was generally warm; parts of south-west England, Northern Ireland and central Scotland were hot.



PLOTTED SURFACE OBSERVATIONS



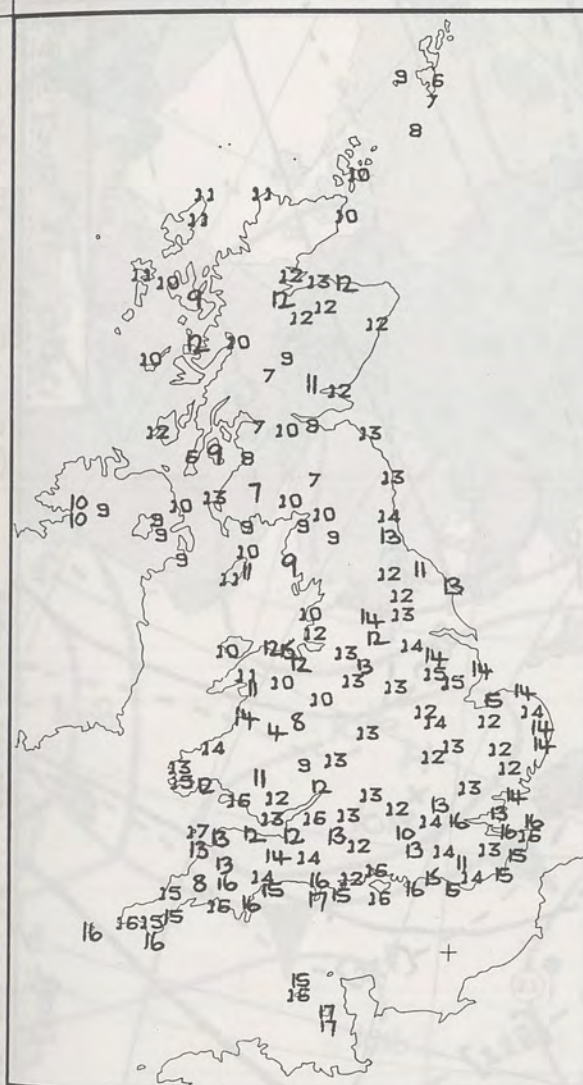
SIGNIFICANT WEATHER CHARTS



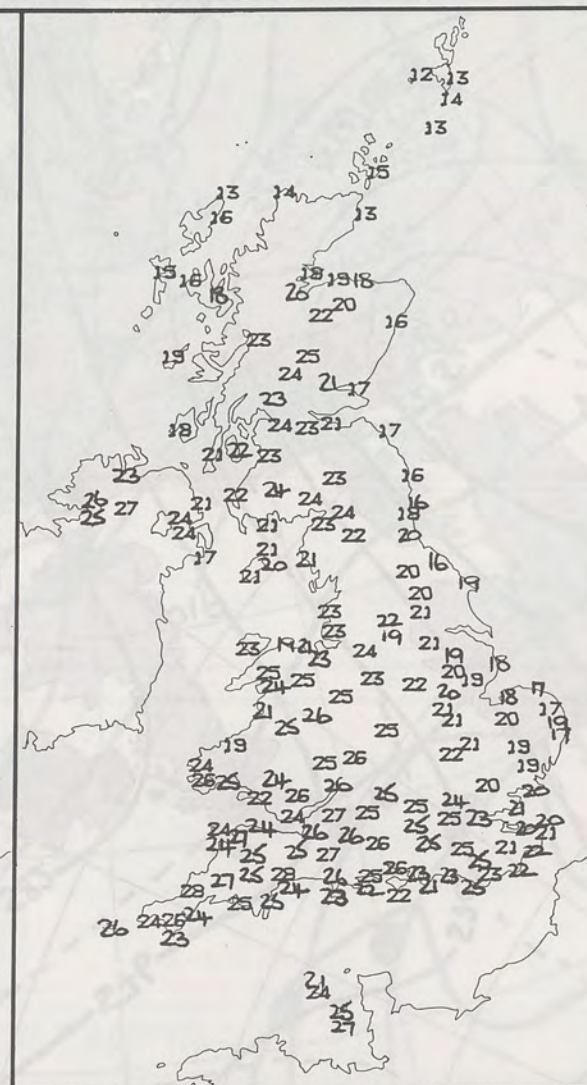
London Weather Centre  
284-286 High Holborn  
London WC1V 7HX  
All times are GMT

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**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 18 JUL 89



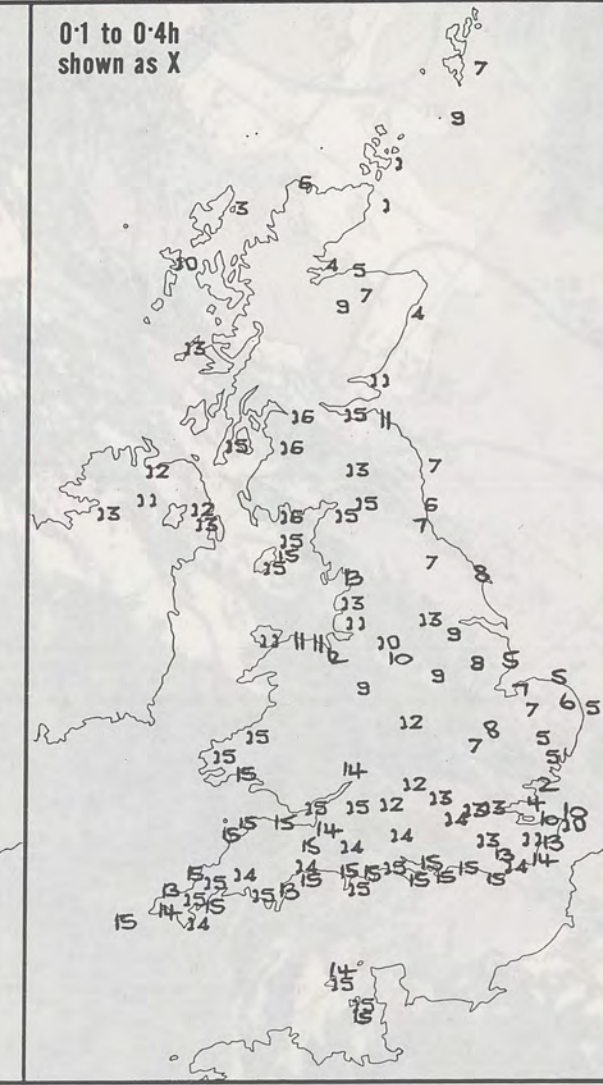
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 18 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 18 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 18 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
18 JUL 89

**EXTREMES FOR TUESDAY 18TH JULY 1989**

Highest maximum	:	27.7°C Exeter (Devon)
Lowest maximum	:	12.3°C Foula (Shetland)
Lowest minimum	:	4.0°C St Harmon (Powys)
Lowest grass minimum	:	1.6°C St Harmon (Powys)
Most rain (24 hours from 0900 GMT)	:	1.1 mm Collafirth Hill (Shetland)
Most sun	:	16.0 hours Glasgow/Abbotsinch Airport

**DAILY  
WEATHER  
SUMMARY**



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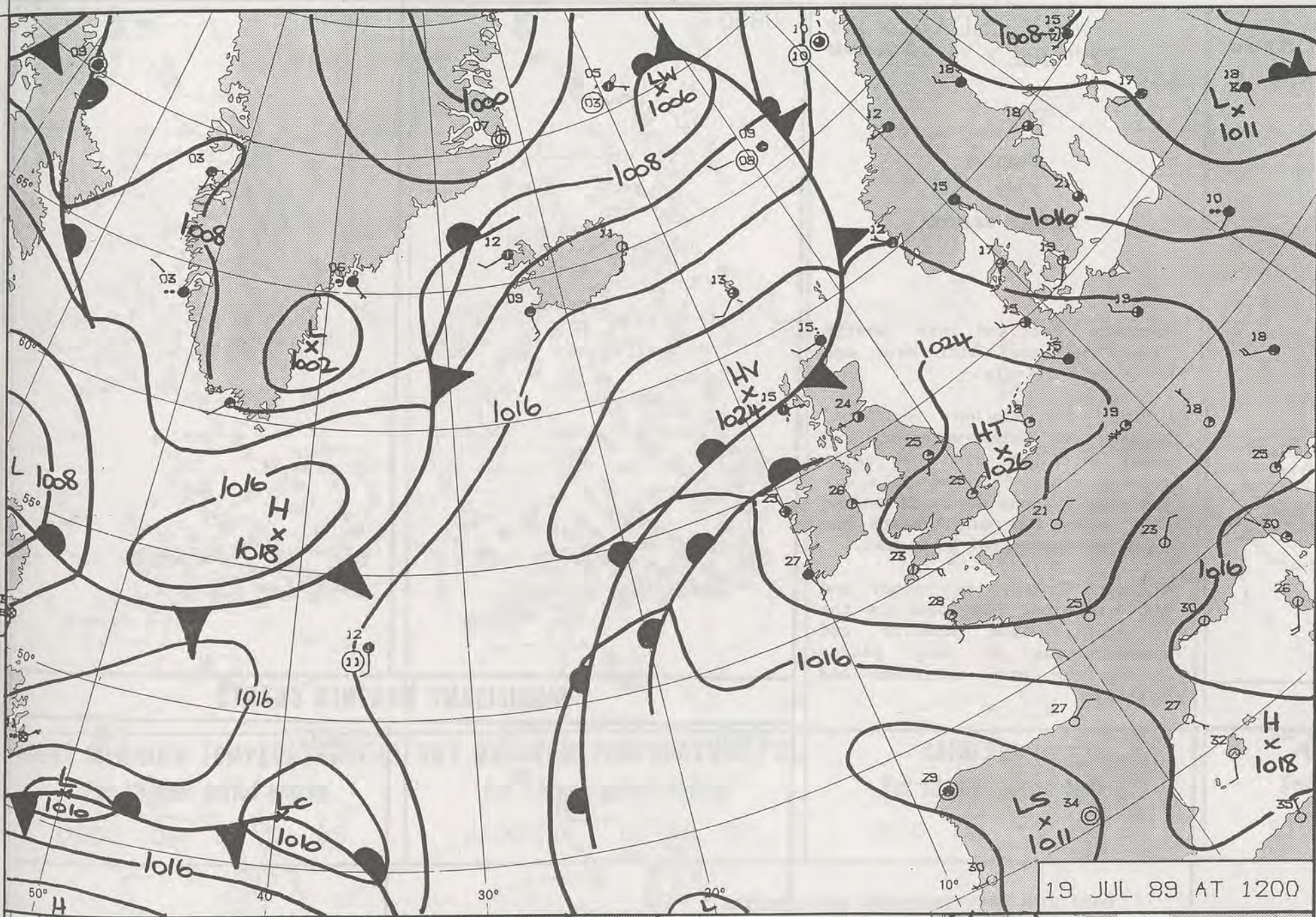


1200 18 JUL 1989

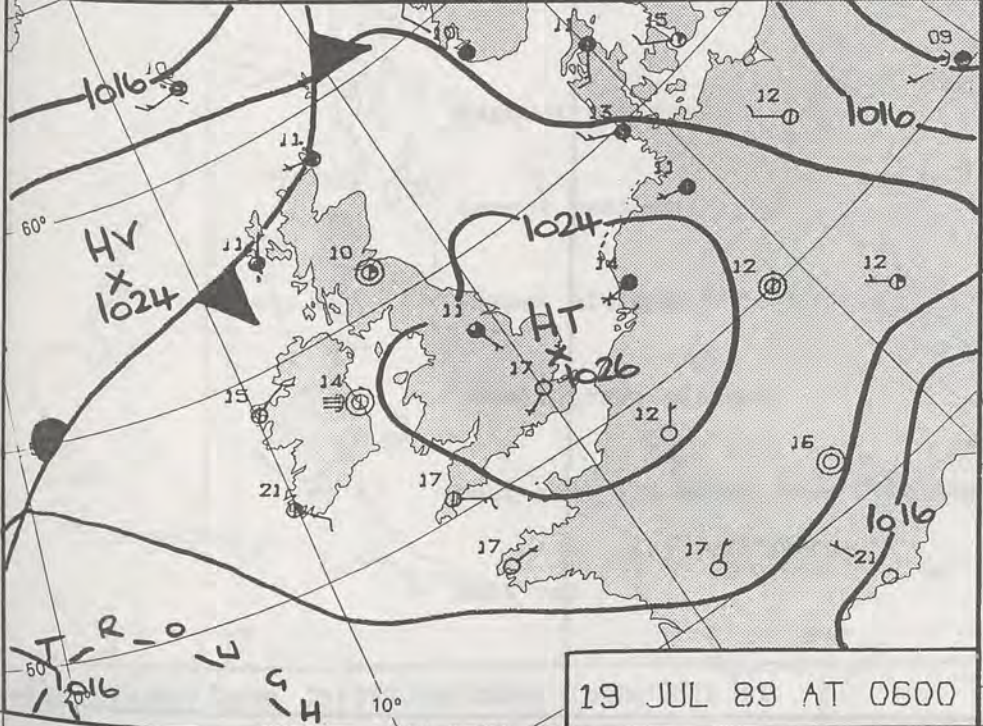
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594

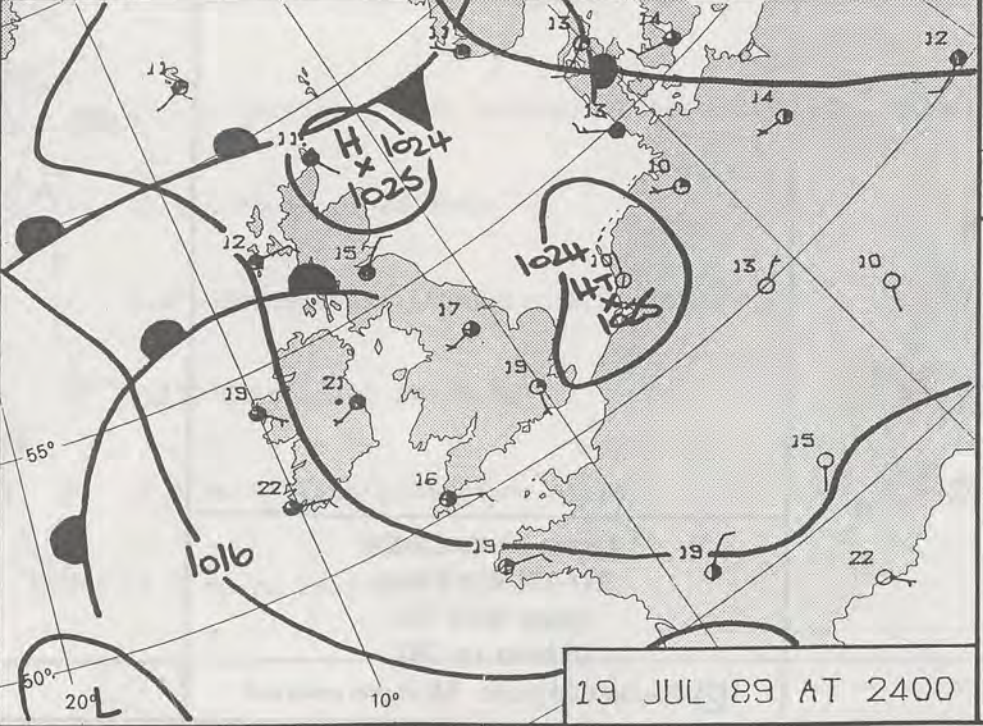
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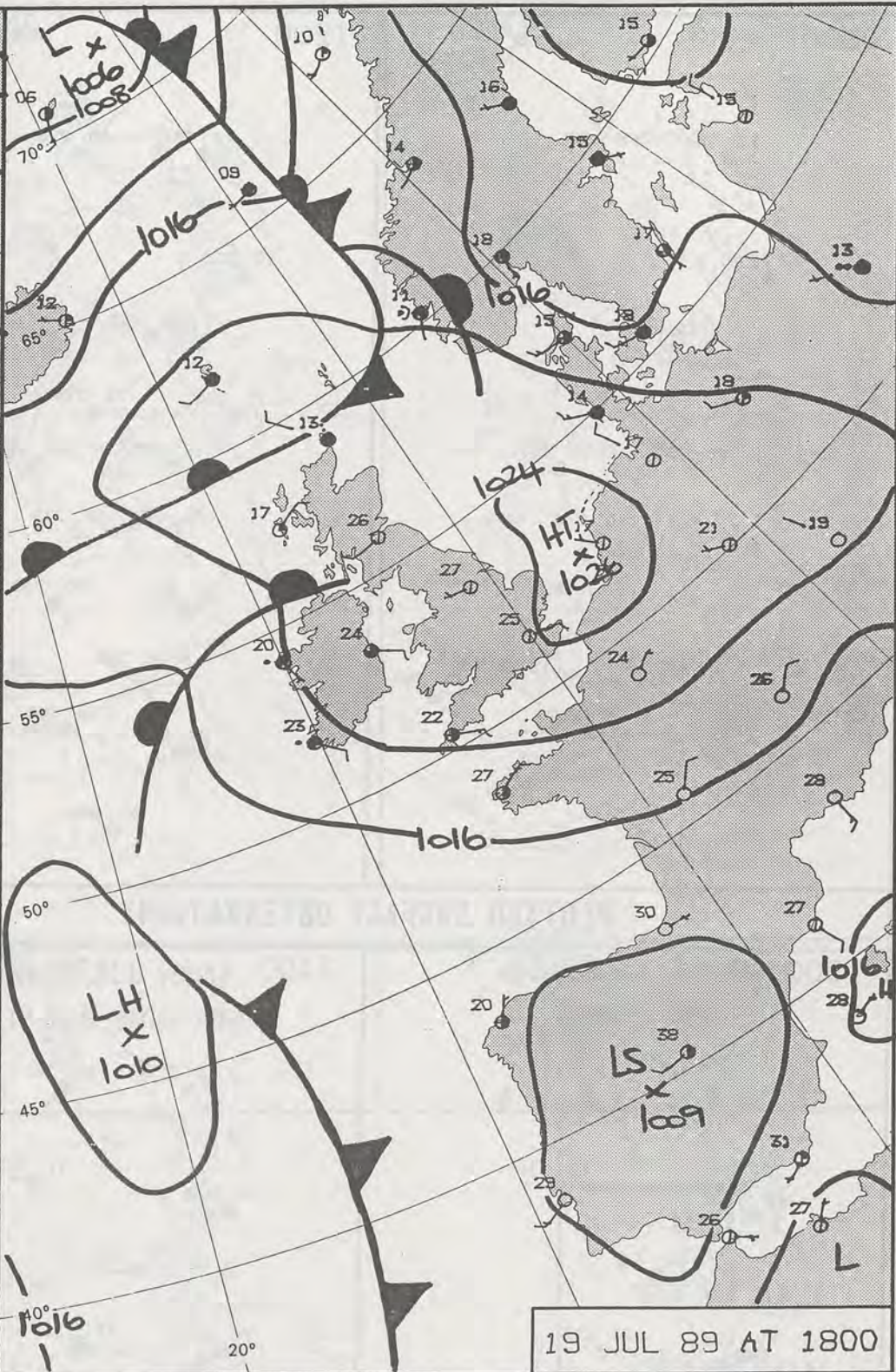
19 JUL 89 AT 1200



19 JUL 89 AT 0600



19 JUL 89 AT 2400



19 JUL 89 AT 1800

DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR  
WEDNESDAY 19 JULY 1989

Warm front Cold front Occlusion

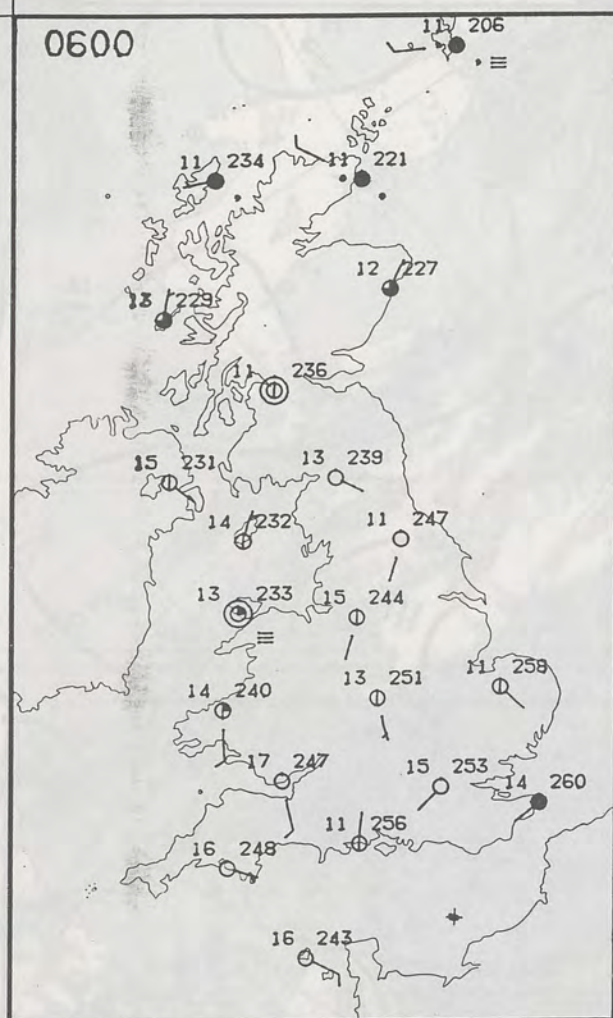
London Weather Centre 284-286 High Holborn London WC1V 7HX

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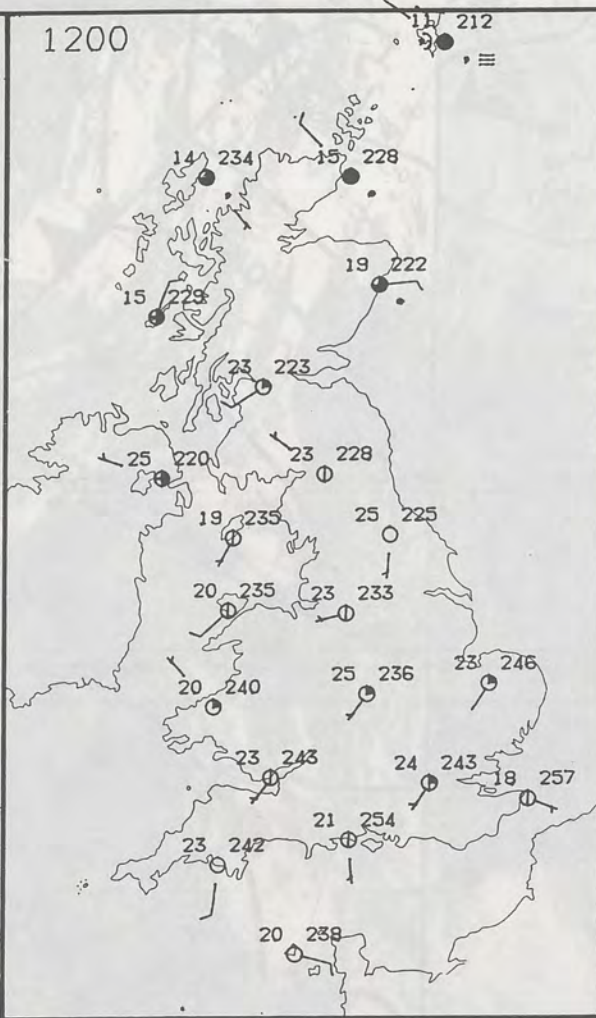
METEOLOGICAL OFFICE  
04 AUG  
LIBRARY



0600



1200



WEDNESDAY  
19 JULY 1989

SUMMARY  
OF  
BRITISH WEATHER

Northern Scotland was mostly cloudy and cool with mist and occasional drizzle.

Central and southern Scotland, England and Wales were dry and clear overnight with some early morning mist, followed by a dry and mainly sunny day. It became very warm, but many coasts had temperatures nearer to normal.

Northern Ireland was sunny and hot but cloud developed in the afternoon, with showers and thunderstorms in many places during the late afternoon and evening.

0600

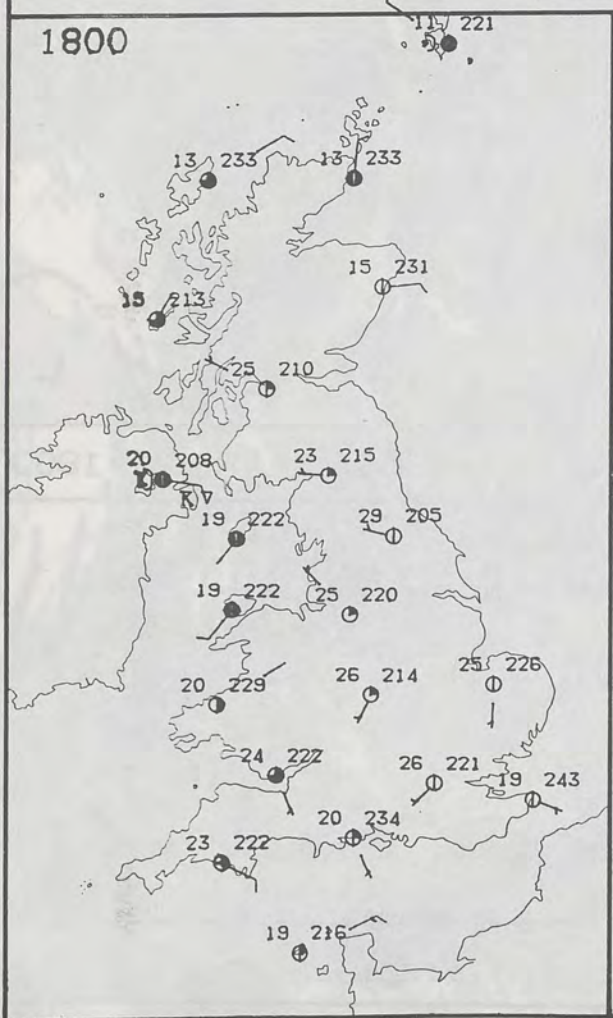


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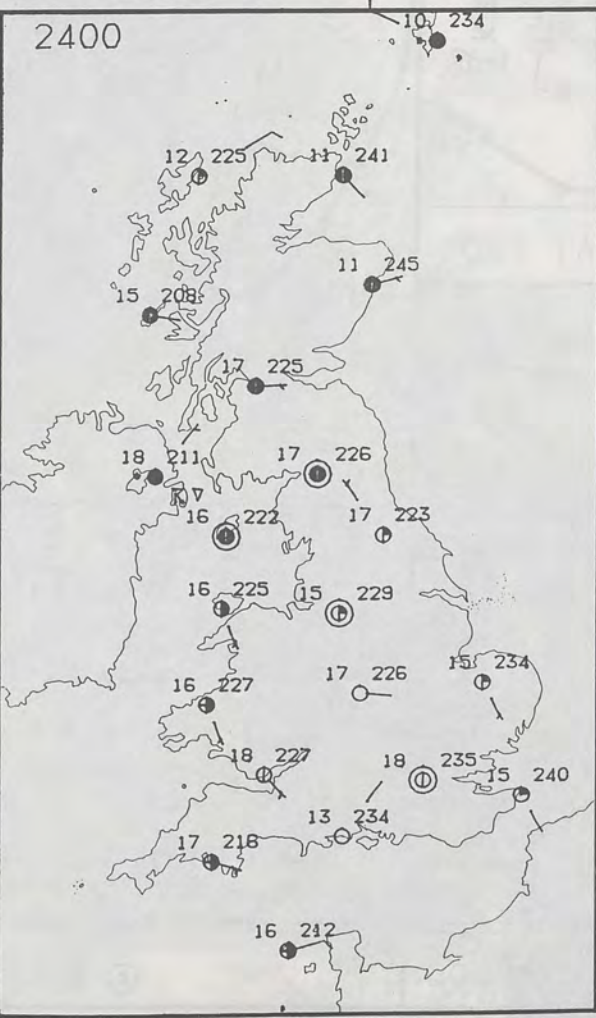


PLOTTED SURFACE OBSERVATIONS

1800



2400



SIGNIFICANT WEATHER CHARTS

1800



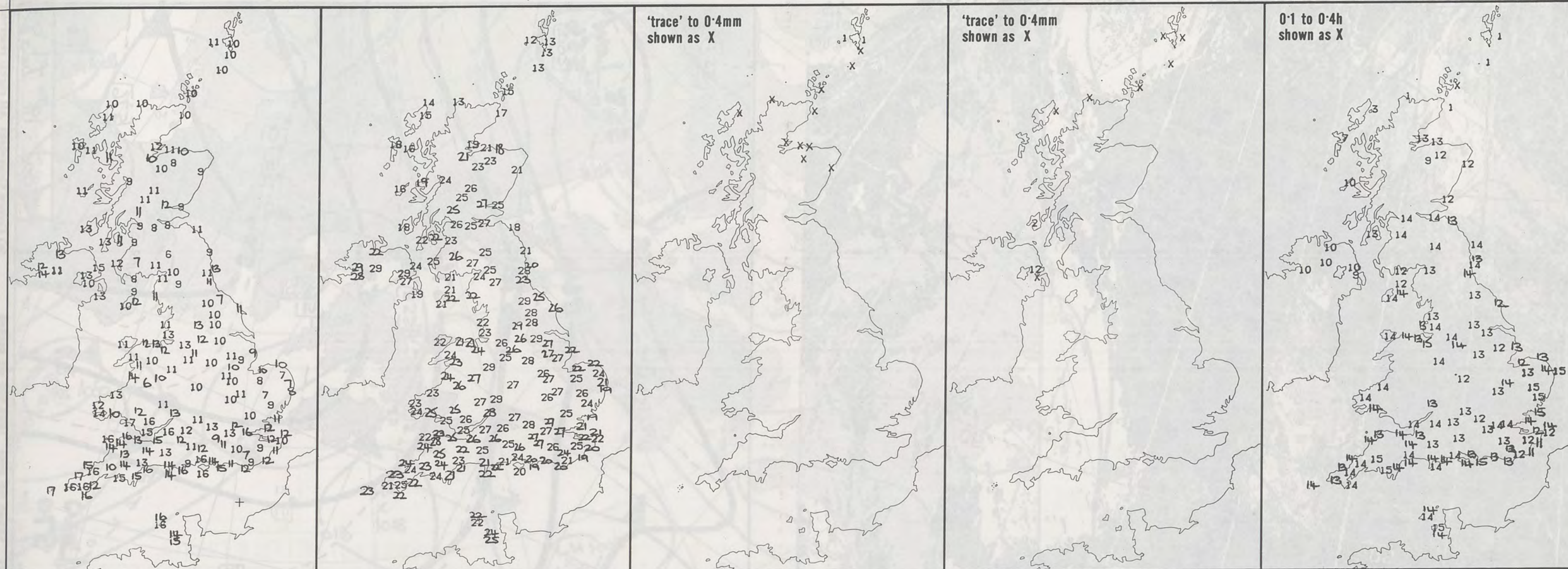
2400



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London WC1V 7HX  
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NIGHT MINIMUM TEMPERATURE (°C) For 12-hour period ending 0900 ON 19 JUL 89	DAY MAXIMUM TEMPERATURE (°C) For 12-hour period ending 2100 ON 19 JUL 89	RAINFALL (mm) For 12-hour period ending 0900 ON 19 JUL 89	RAINFALL (mm) For 12-hour period ending 2100 ON 19 JUL 89	SUNSHINE (hours) Dawn to dusk 19 JUL 89
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#### EXTREMES FOR WEDNESDAY 19TH JULY 1989

Highest maximum	: 29.2°C Carrigans (Co. Tyrone), Knockarevan (Co. Fermanagh)
Lowest maximum	: 12.0°C Foula (Shetland)
Lowest minimum	: 5.8°C Eskdalemuir (Dumfries & Galloway)
Lowest grass minimum	: 1.2°C Coltishall (Norfolk)
Most rain (24 hours from 0900 GMT)	: 12.4 mm Belfast/Aldergrove Airport
Most sun	: 15.2 hours Bastreet (Cornwall)

#### DAILY WEATHER SUMMARY

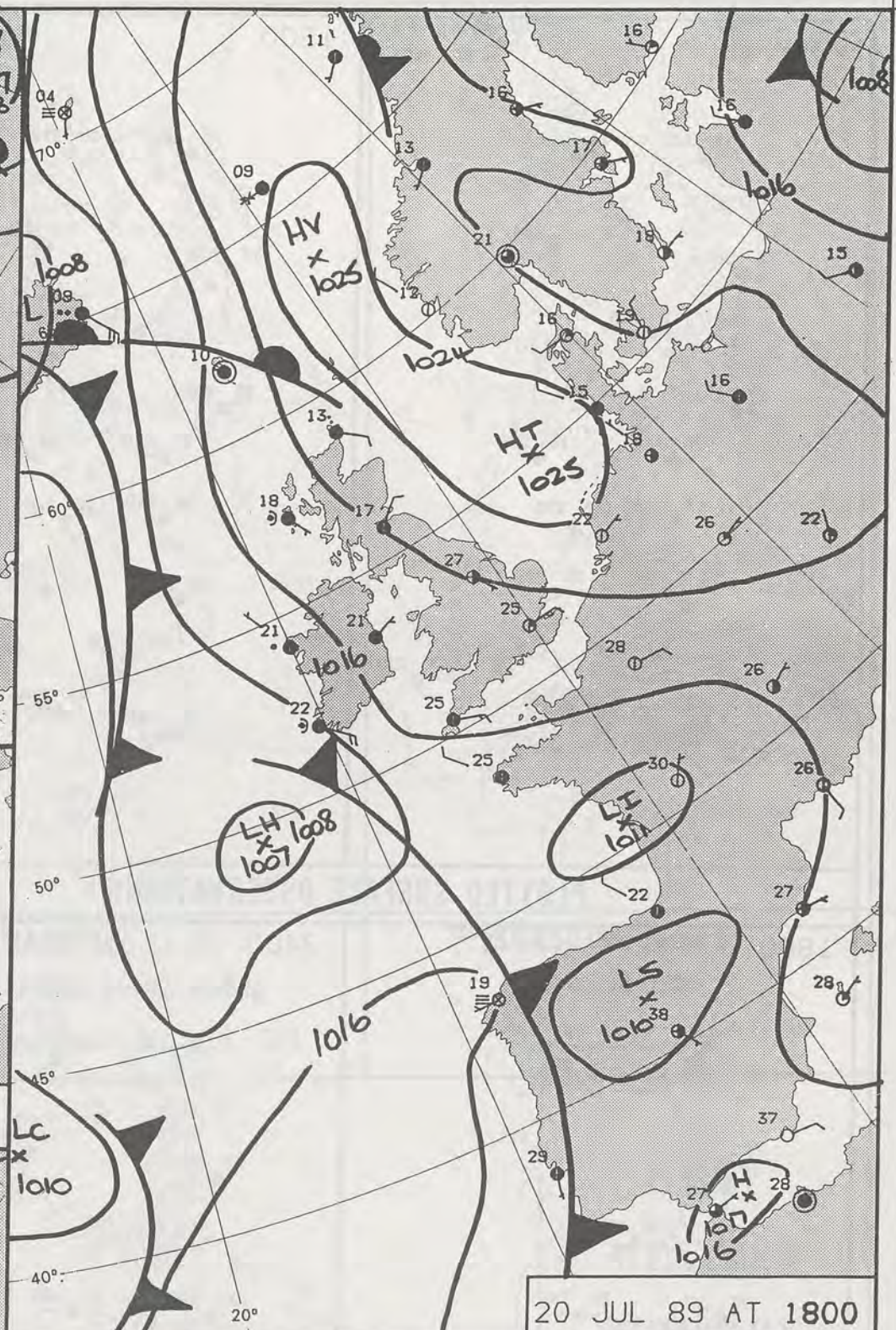
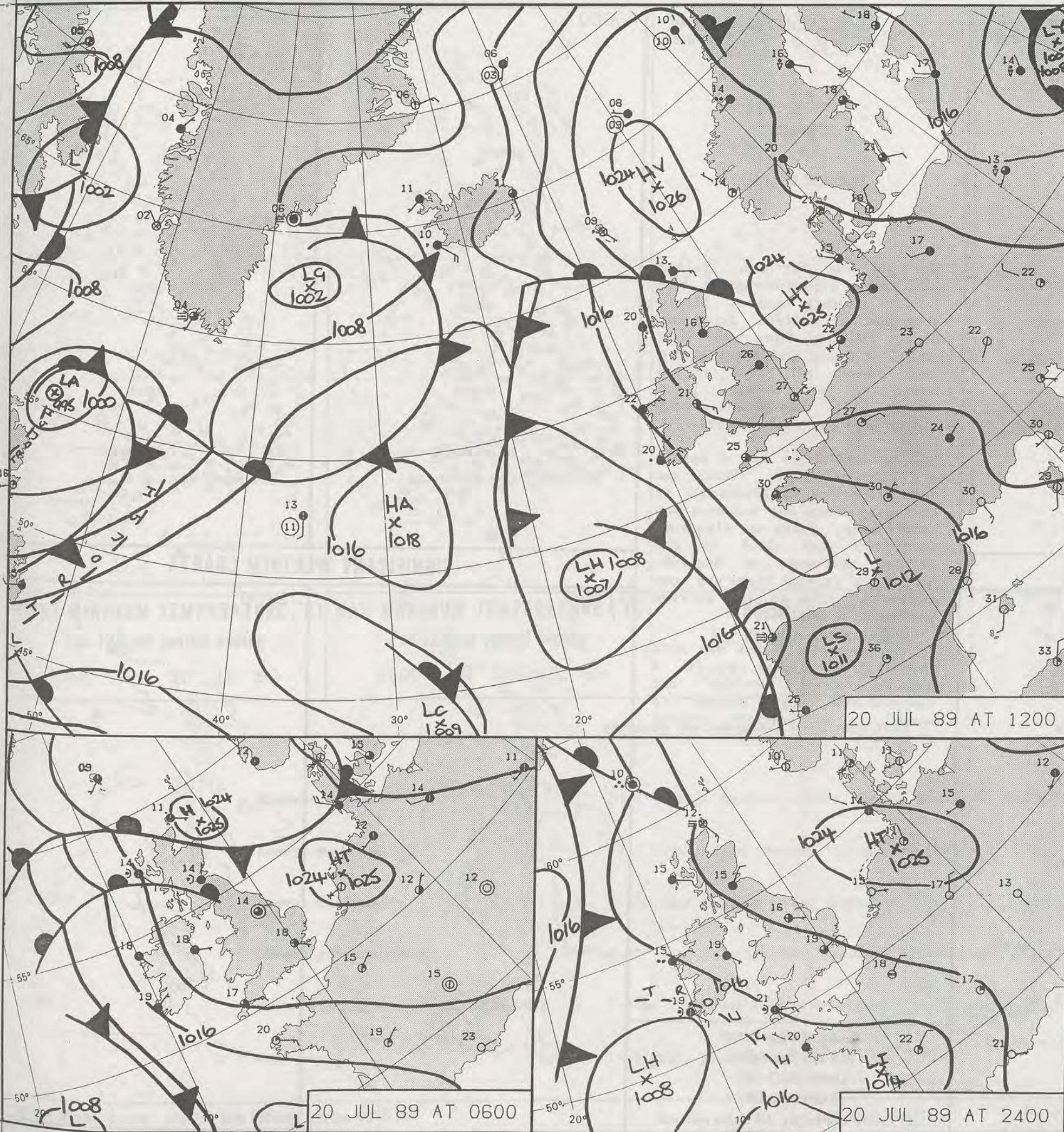


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20 JUL 89 AT 1800

DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR

THURSDAY 20 JULY 1989

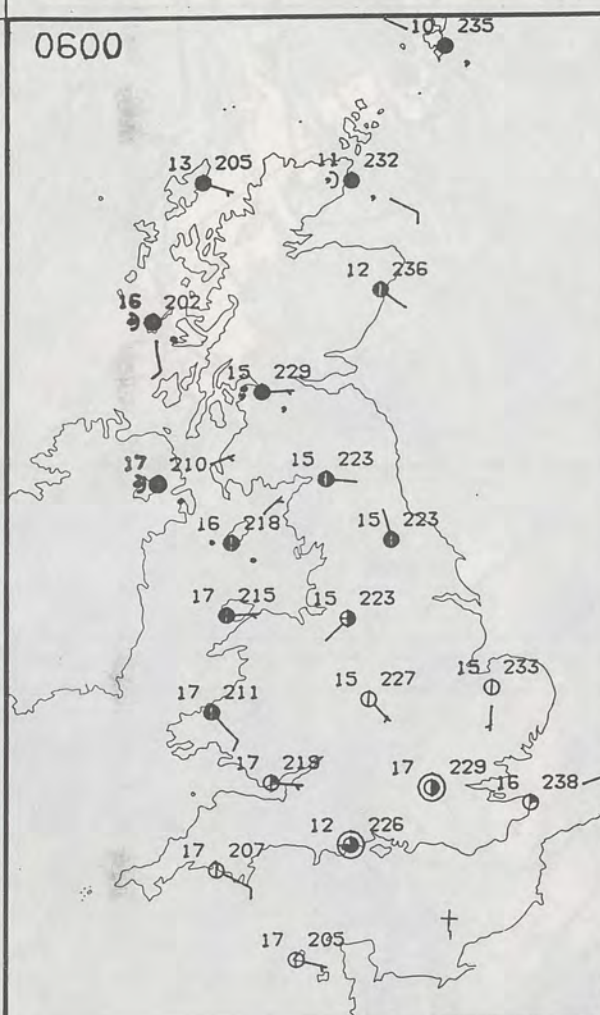
— Warm front — Cold front — Occlusion

London Weather Centre 284-286 High Holborn London WC1V 7HX

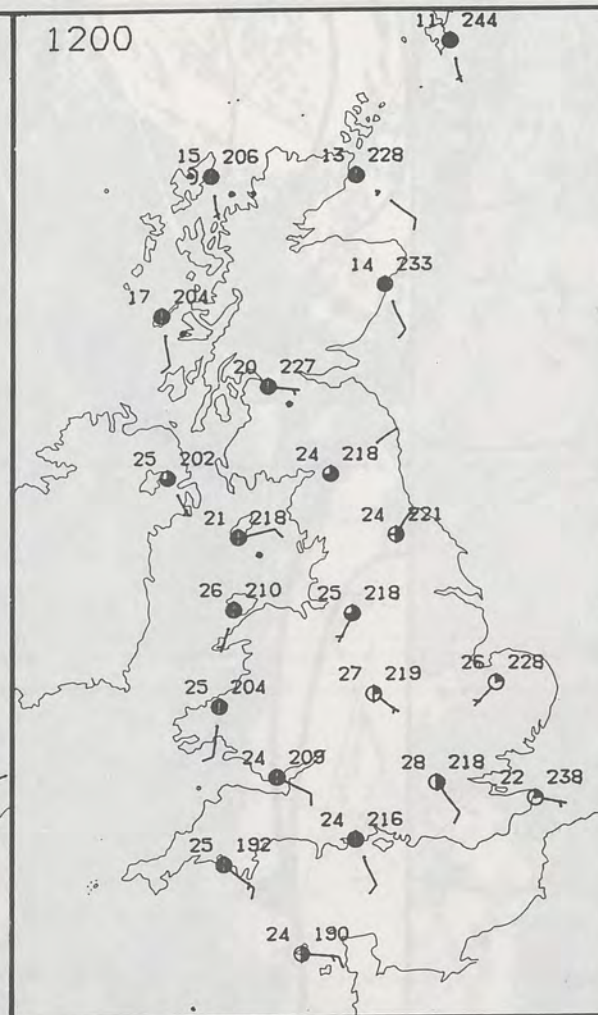
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0600



1200

THURSDAY  
20 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

Scotland and Northern Ireland were rather cloudy overnight with a few showers and a little drizzle in eastern Scotland. During the day there were some bright or sunny spells but also a fair amount of cloud and a scattering of mainly light showers. The evening was mostly cloudy with isolated showers.

England and Wales had a mainly dry and sunny day. There was some cloud though, especially in the west, where the sunshine was rather hazy. There was also some persistent low cloud in the extreme northeast of England. During the evening there was some occasional rain in the extreme southwest of England.

It was generally a hot day with temperatures around 6 to 9 degrees above average but temperatures were closer to normal in northeastern coastal districts.

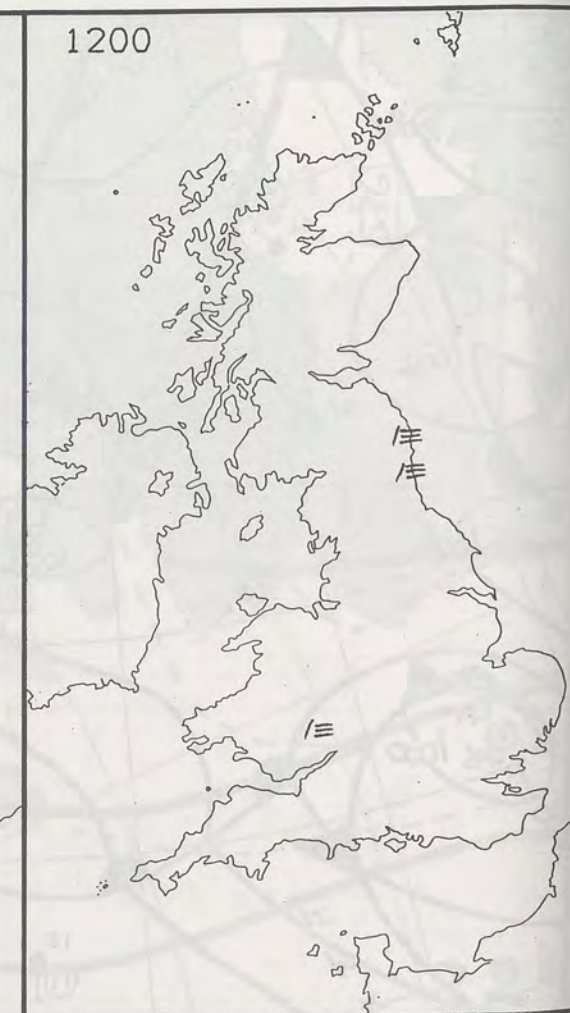
London Weather Centre  
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London WC1V 7HX  
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0600

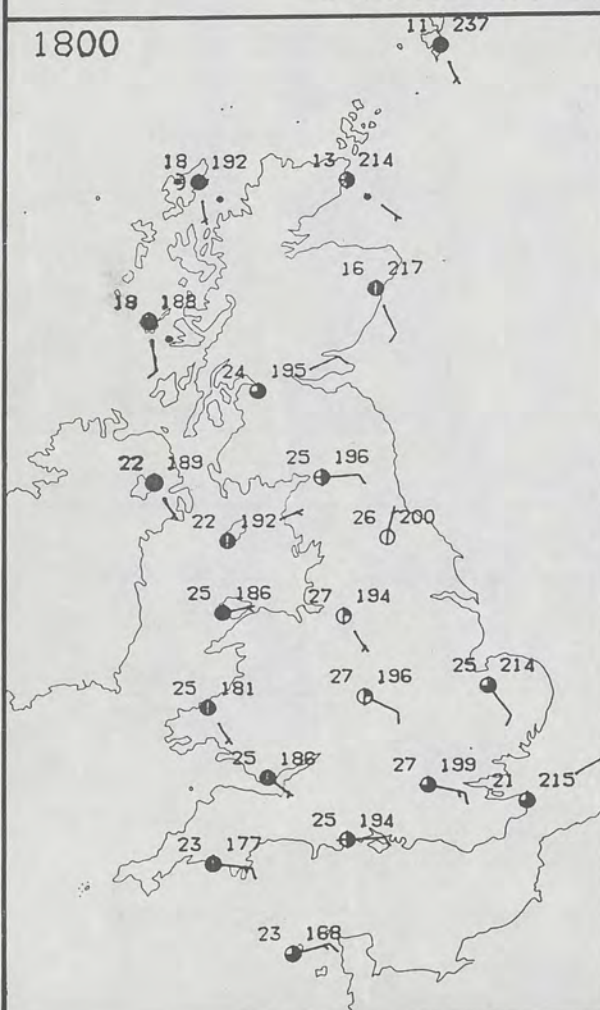


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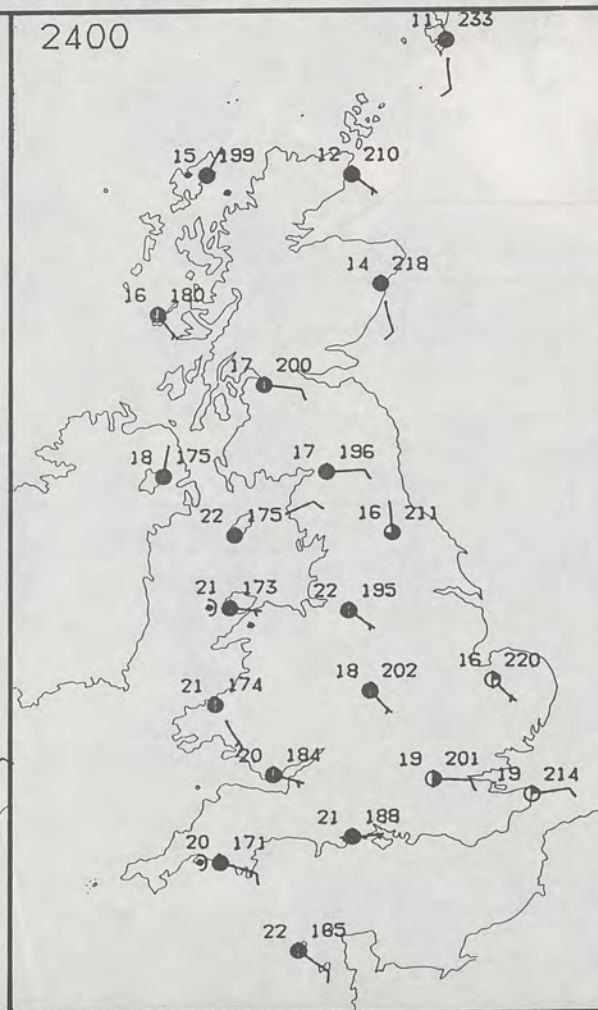


## PLOTTED SURFACE OBSERVATIONS

1800



2400

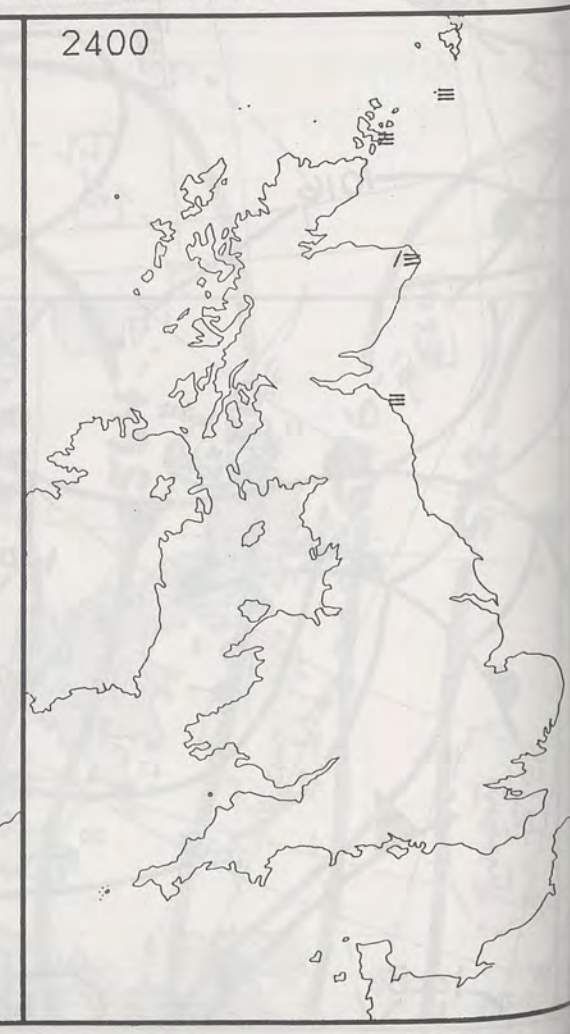


## SIGNIFICANT WEATHER CHARTS

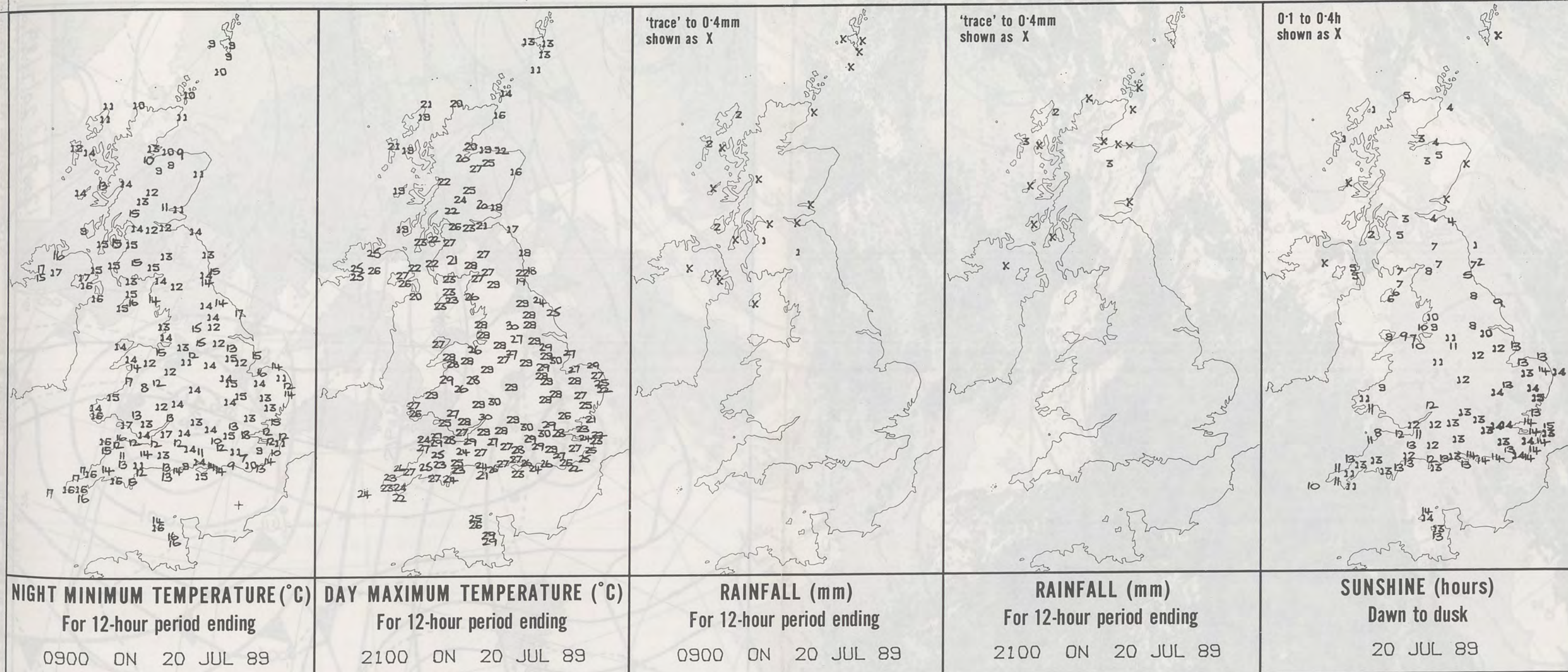
1800



2400







**EXTREMES FOR THURSDAY 20TH JULY 1989**

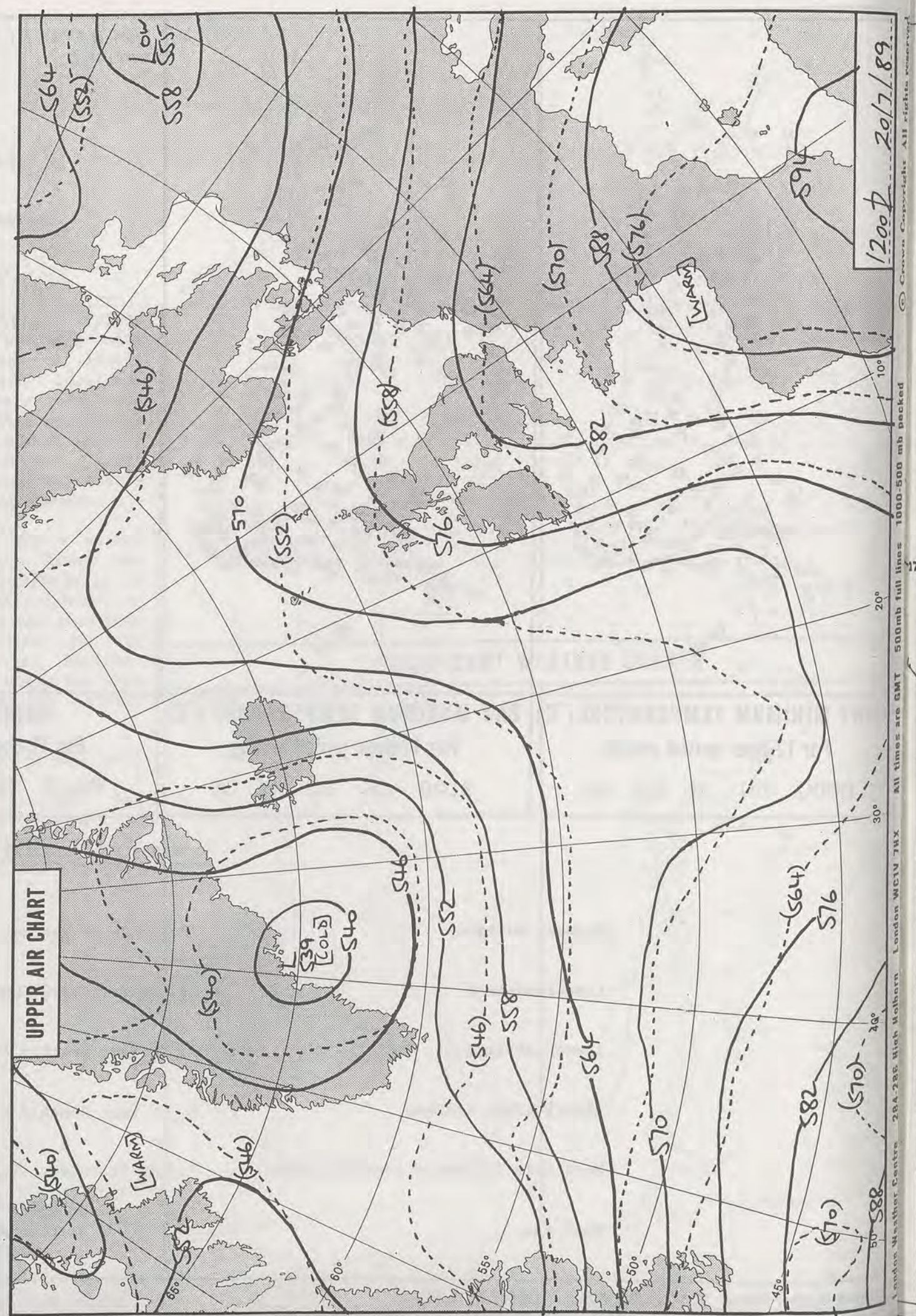
Highest maximum	:	29.8°C Leeds Weather Centre, London/Heathrow Airport
Lowest maximum	:	11.4°C Fair Isle (between Orkney and Shetland)
Lowest minimum	:	7.3°C East Hoathly (East Sussex)
Lowest grass minimum	:	3.8°C East Hoathly (East Sussex), Herstmonceux (East Sussex)
Most rain (24 hours from 0900 GMT)	:	7.5 mm Stornoway (Outer Hebrides)
Most sun	:	14.6 hours Wattisham (Suffolk)

**DAILY  
WEATHER  
SUMMARY**



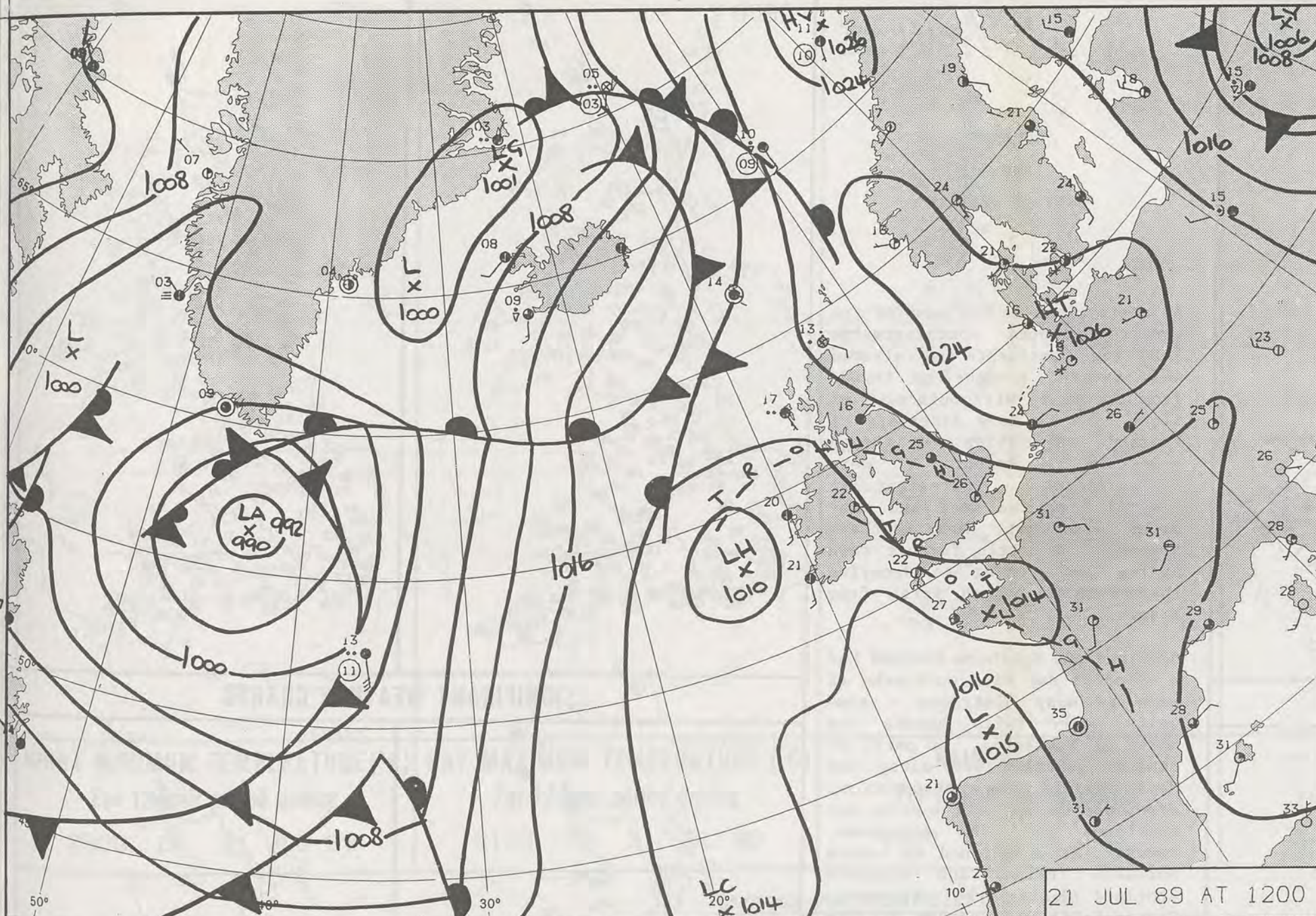
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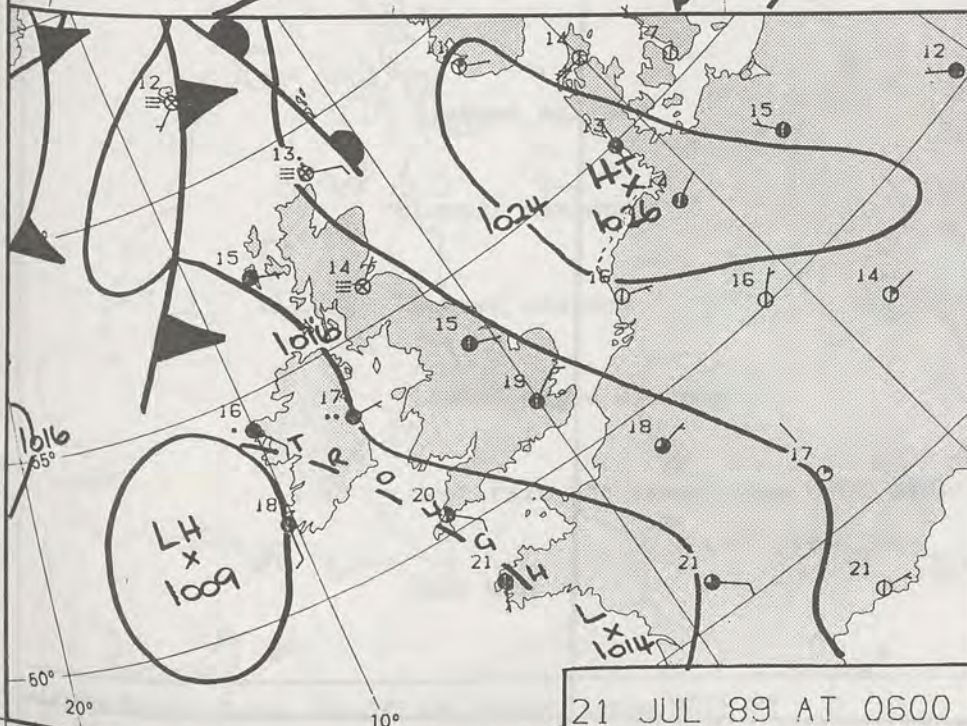




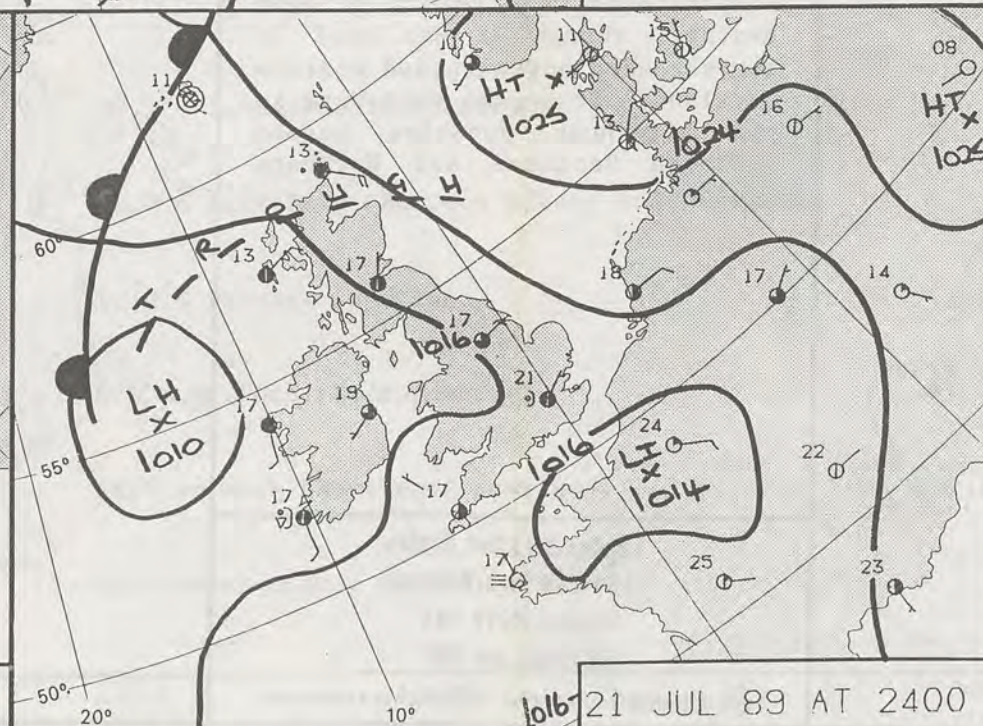
12007 20/7/89  
London Weather Centre 284-286 High Holborn London WC1V 7HX All times are GMT 500mb full lines 1000-500 mb packed  
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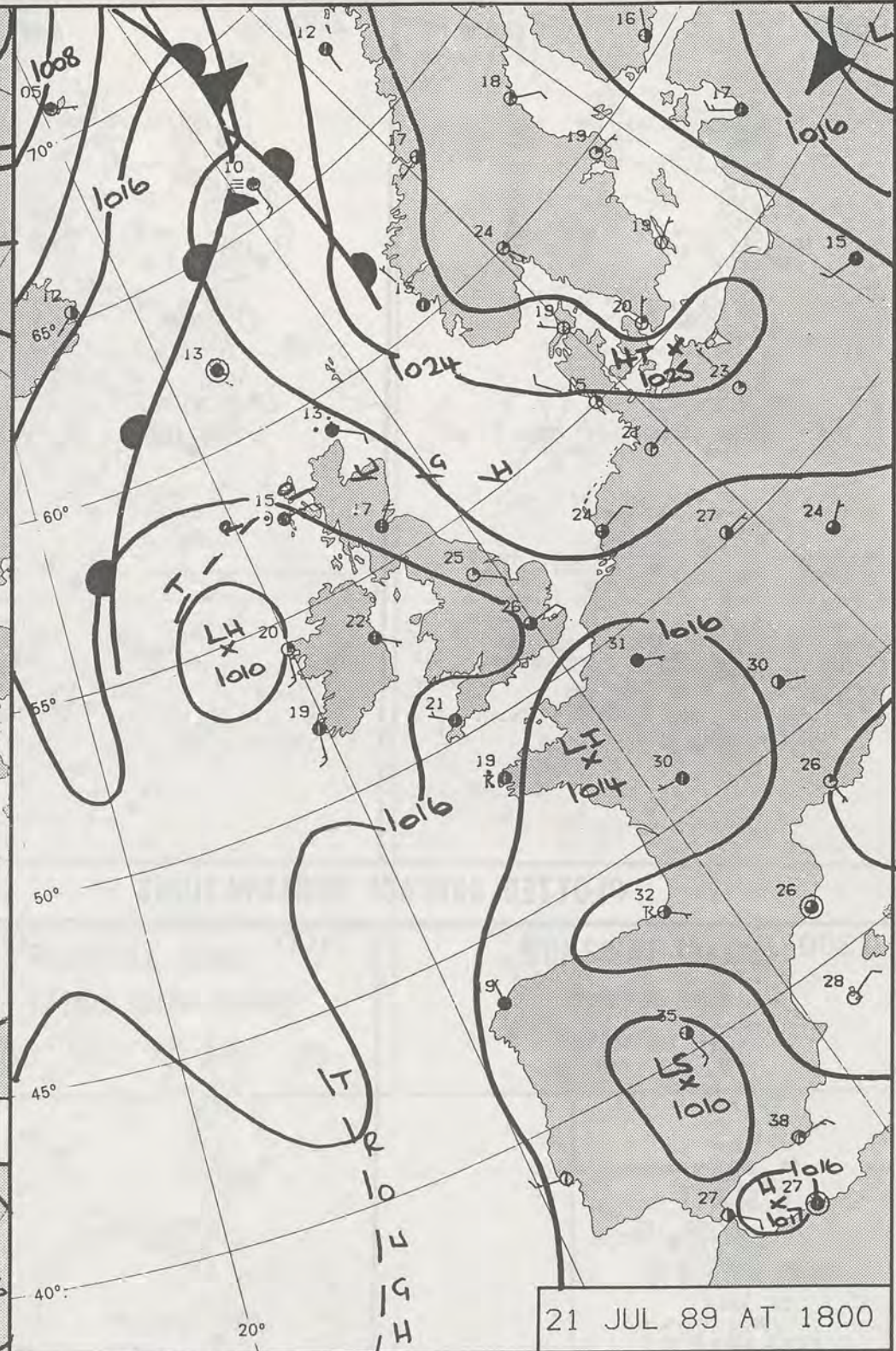
21 JUL 89 AT 1200



21 JUL 89 AT 0600



21 JUL 89 AT 2400



21 JUL 89 AT 1800

DUPLICATE ALSO  
**DAILY WEATHER SUMMARY**  
NOT FOR LOAN FOR  
FRIDAY 21 JULY 1989

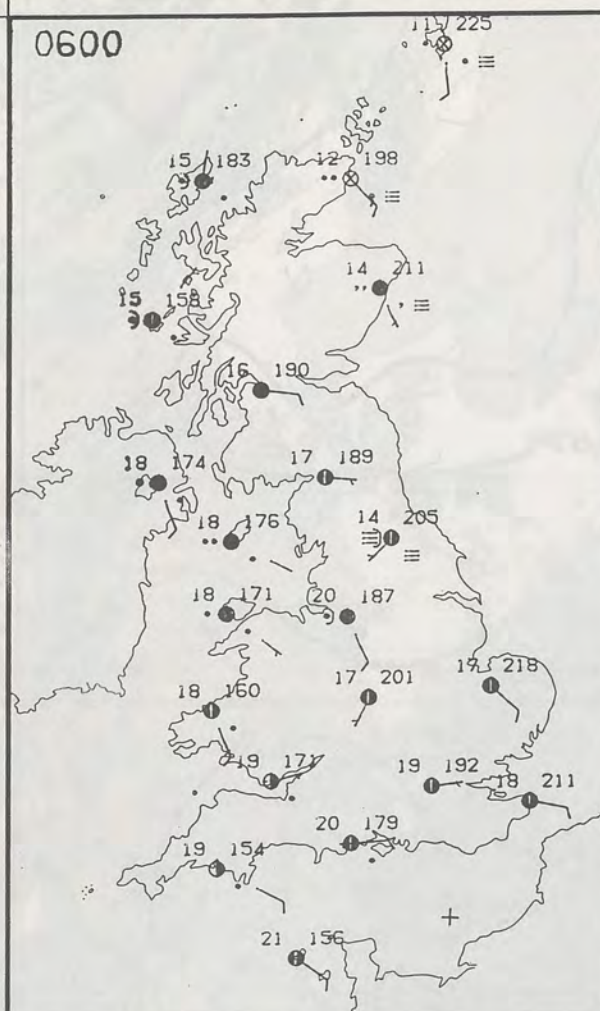
London Weather Centre 284-286 High Holborn London WC1V 7HX  
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Legend:  
— Warm front  
— Cold front  
— Occlusion

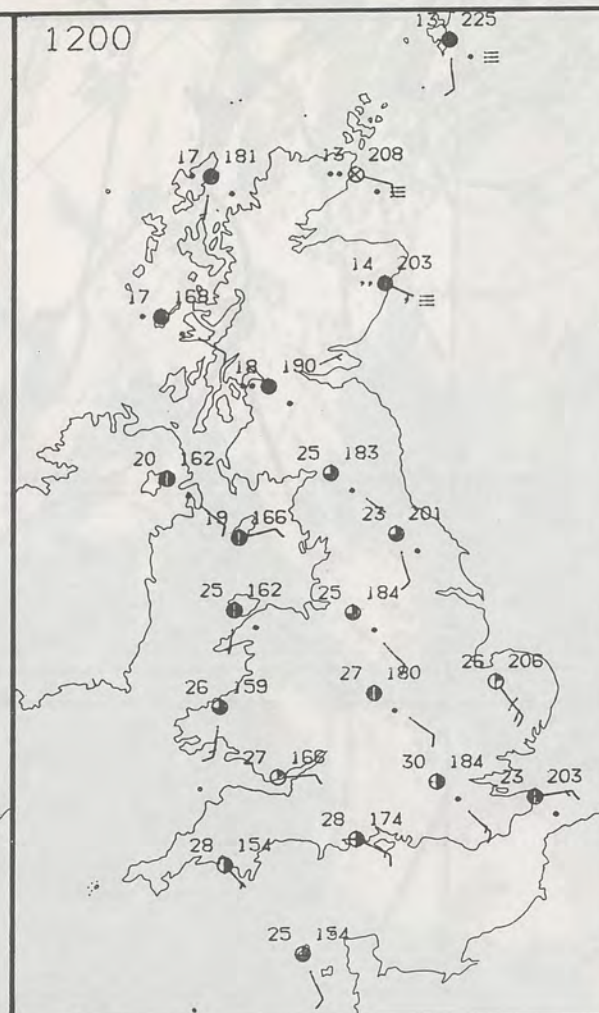
04 AUG 1989  
METEOROLOGICAL  
LIBRARY  
OFFICE



0600



1200

FRIDAY  
21 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

An anticyclone to the east of the country slipped southeastwards into the Continent and allowed weak frontal troughs to invade from the west, with outbreaks of light rain to many districts of England and Wales - though generally amounts were insignificant. Thereafter it cleared from the west and many areas became hot. Many southern areas had a little further rain during the evening as decaying thunderstorms spread north from France.

Scotland and Northern Ireland had a cloudier day with outbreaks of rain to many districts - some quite heavy falls across the north of Scotland. In parts of central Scotland and along the Moray Firth some thunderstorms developed in the late morning and continued into the afternoon, however, it brightened up across Northern Ireland and southern Scotland during the afternoon. Temperatures were generally near average, though it was cool in fog-shrouded northern and eastern Scotland. It became very warm in the afternoon sunshine across southern Scotland and Northern Ireland.

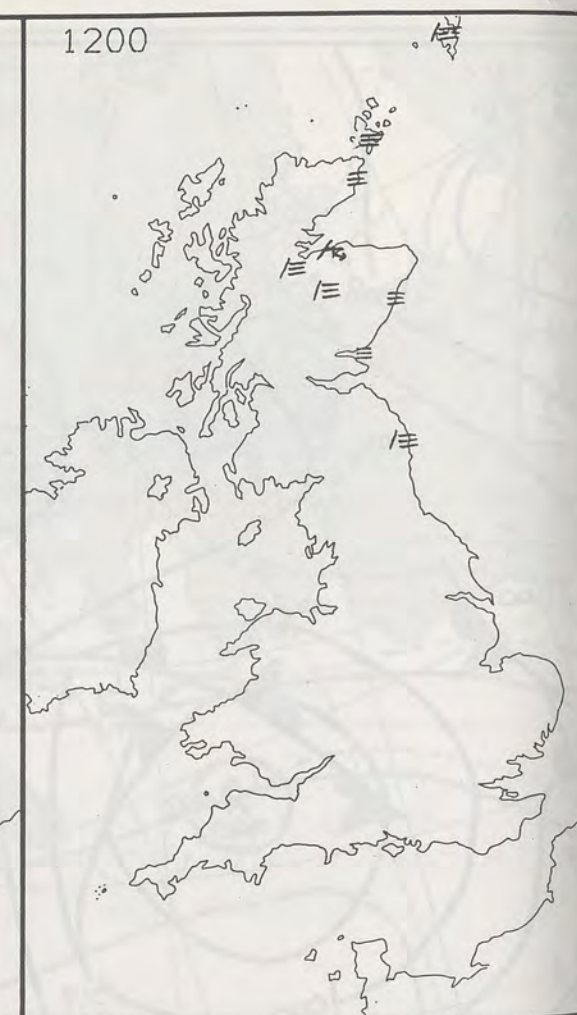
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0600

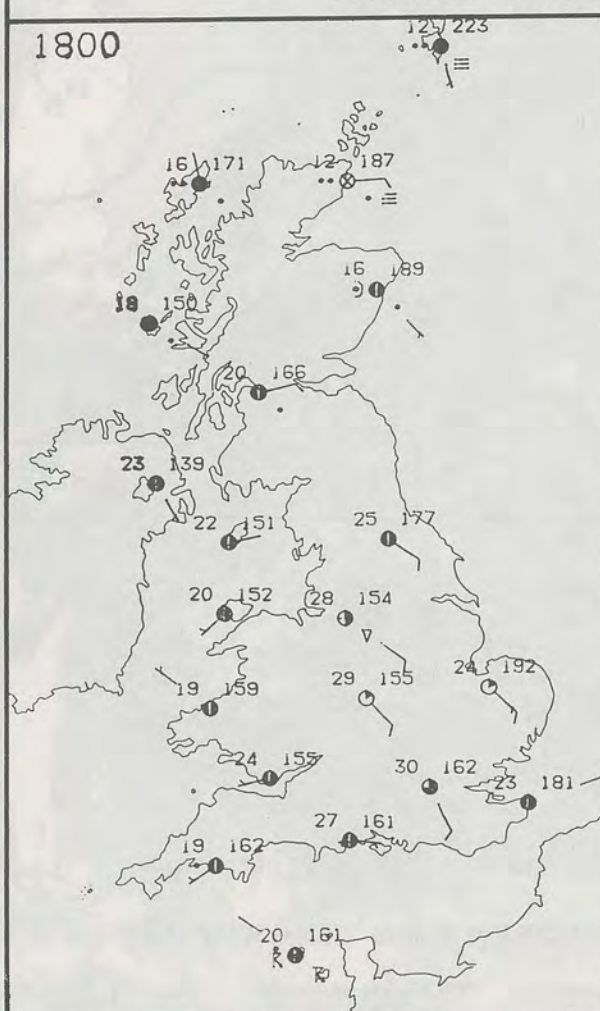


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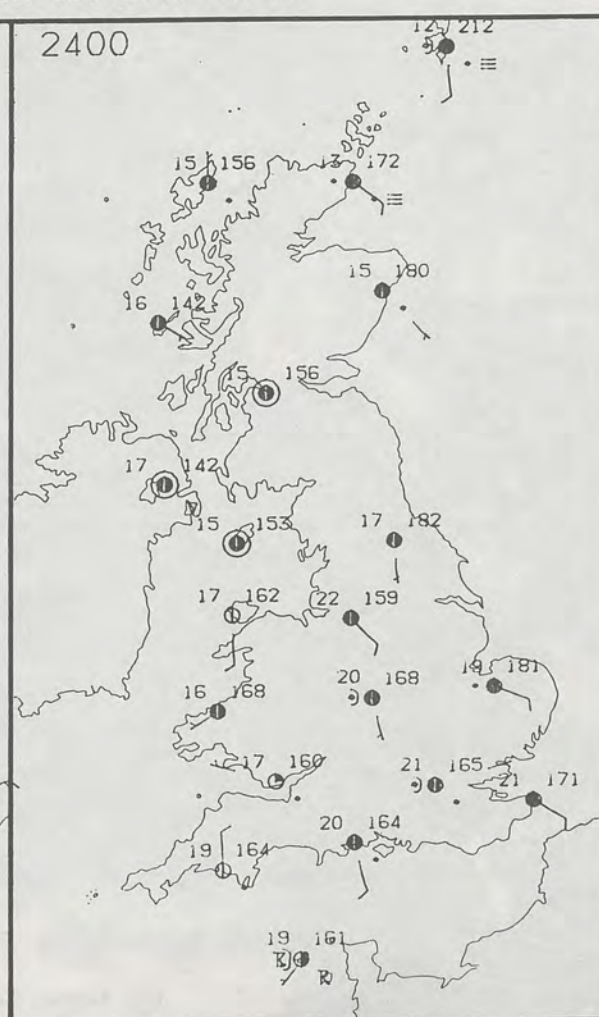


## PLOTTED SURFACE OBSERVATIONS

1800



2400



## SIGNIFICANT WEATHER CHARTS

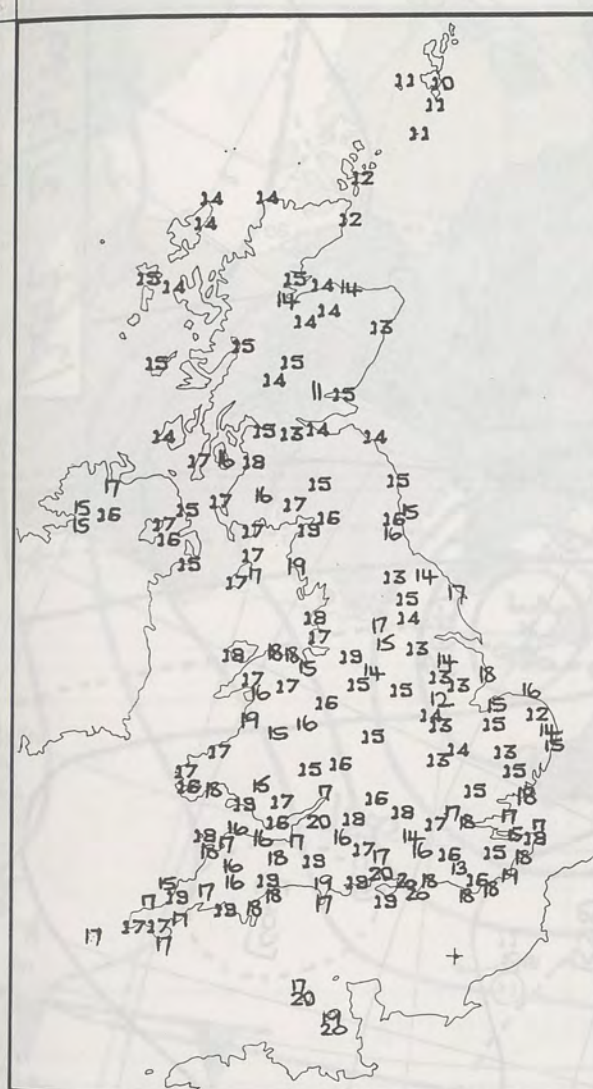
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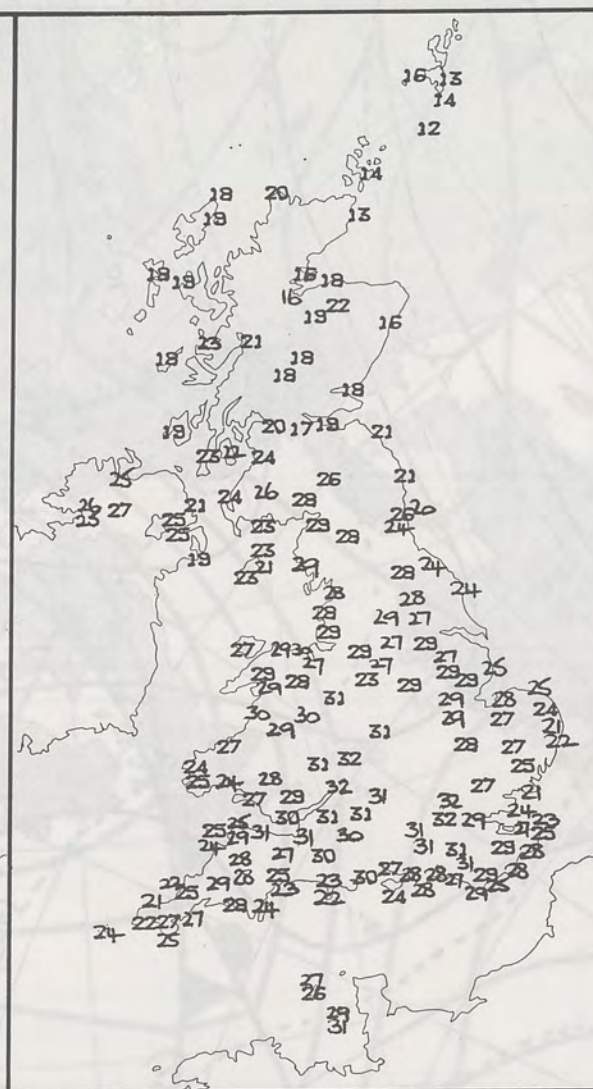
2400







**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 21 JUL 89



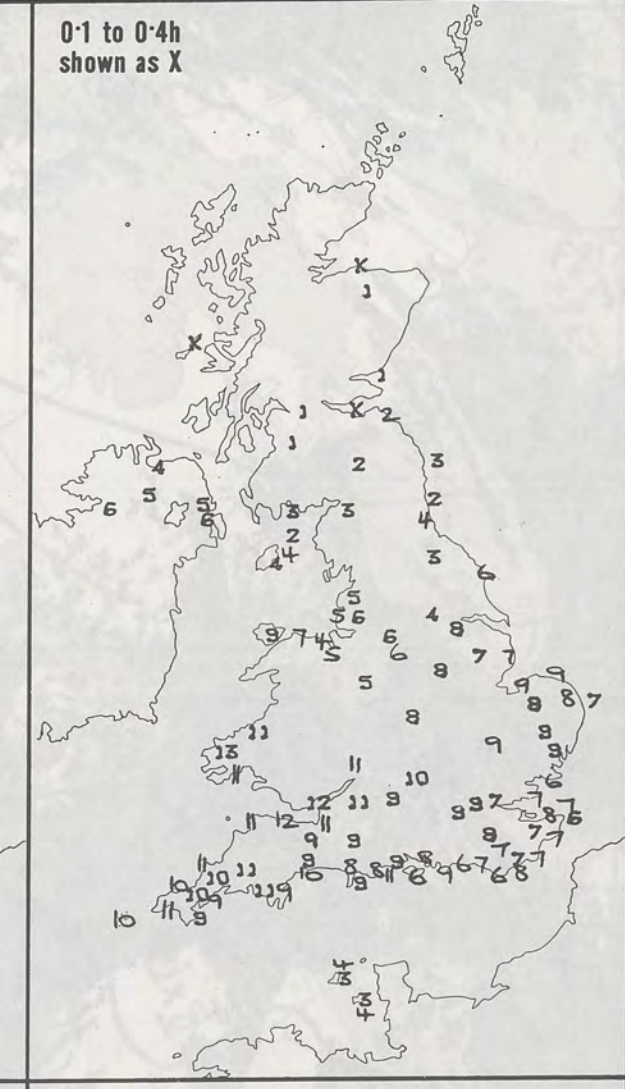
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 21 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 21 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 21 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
21 JUL 89

**EXTREMES FOR FRIDAY 21ST JULY 1989**

Highest maximum	:	32.1°C London/Heathrow Airport
Lowest maximum	:	12.0°C Fair Isle (Between Orkney and Shetland)
Lowest minimum	:	10.3°C Lerwick (Shetland)
Lowest grass minimum	:	6.0°C Bedford (Bedfordshire)
Most rain (24 hours from 0900 GMT)	:	24.0 mm Wick (Northeast Scotland)
Most sun	:	12.6 hours Brawdy (Dyfed)

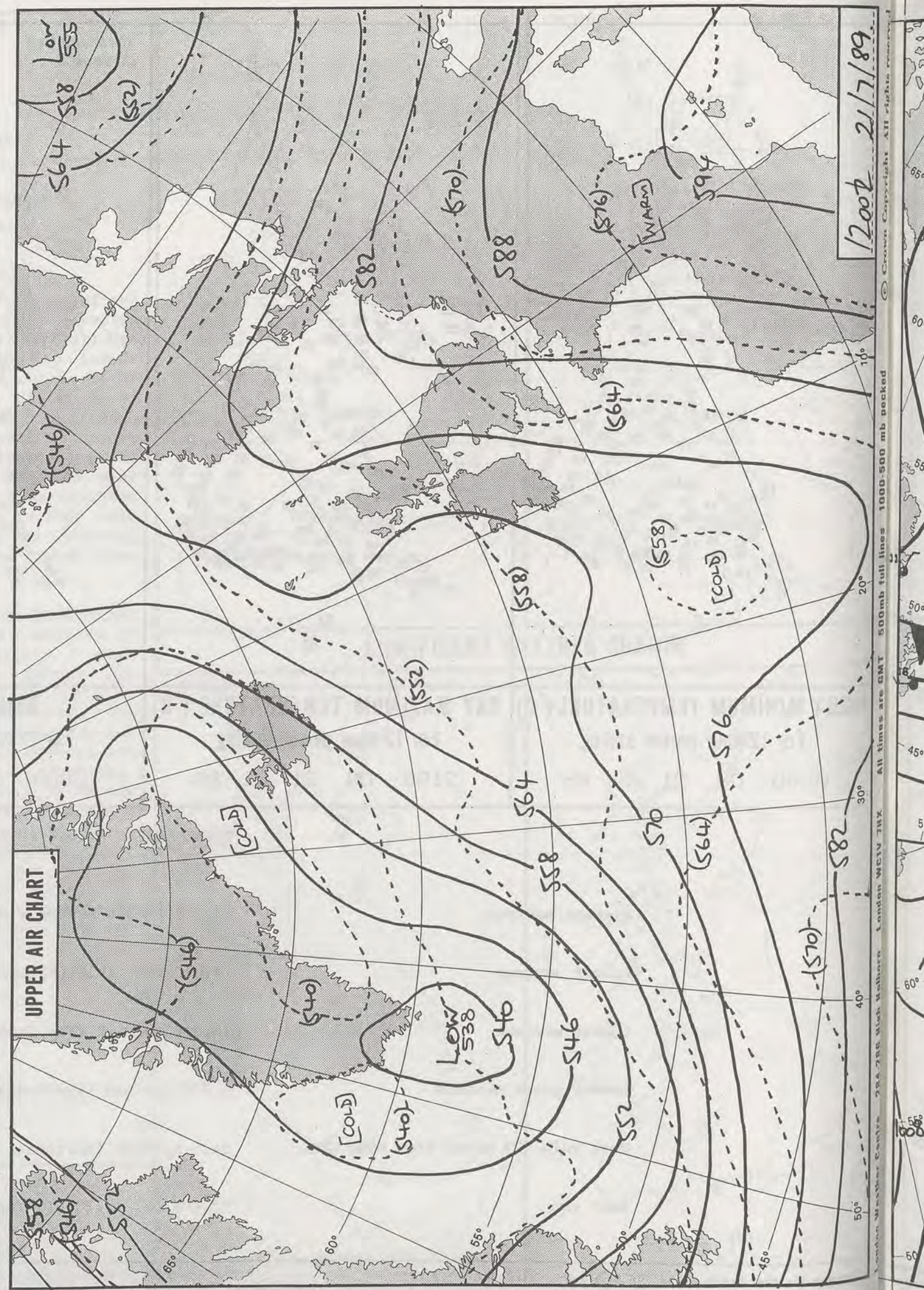
**DAILY  
WEATHER  
SUMMARY**



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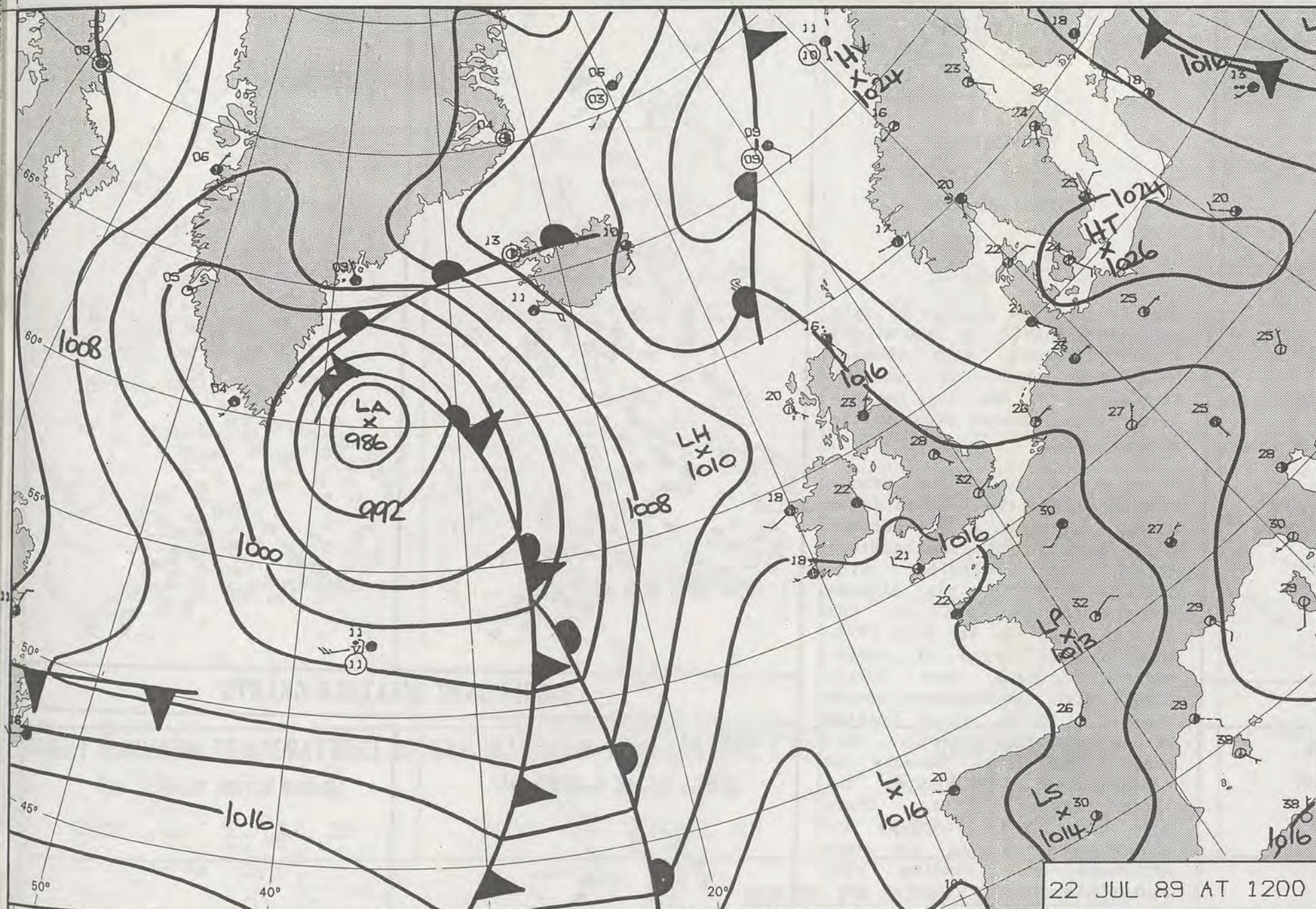
V15  
1232  
21/7/89



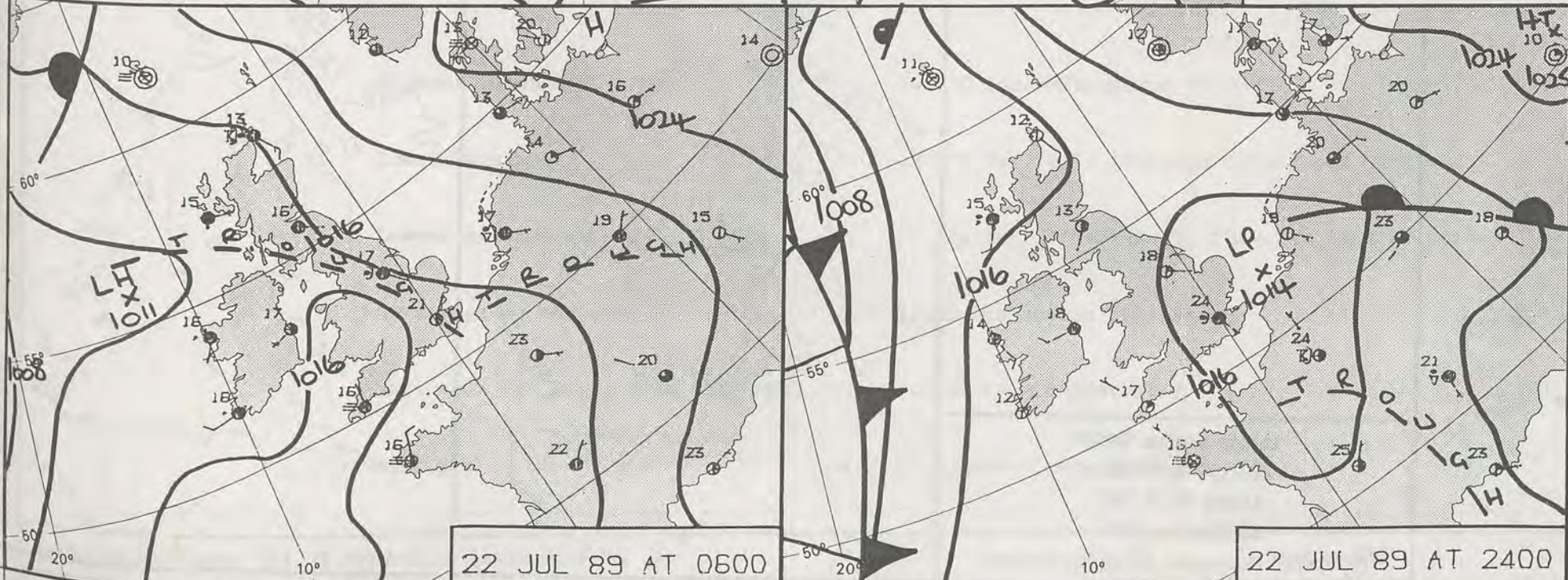


1200h 21/7/89

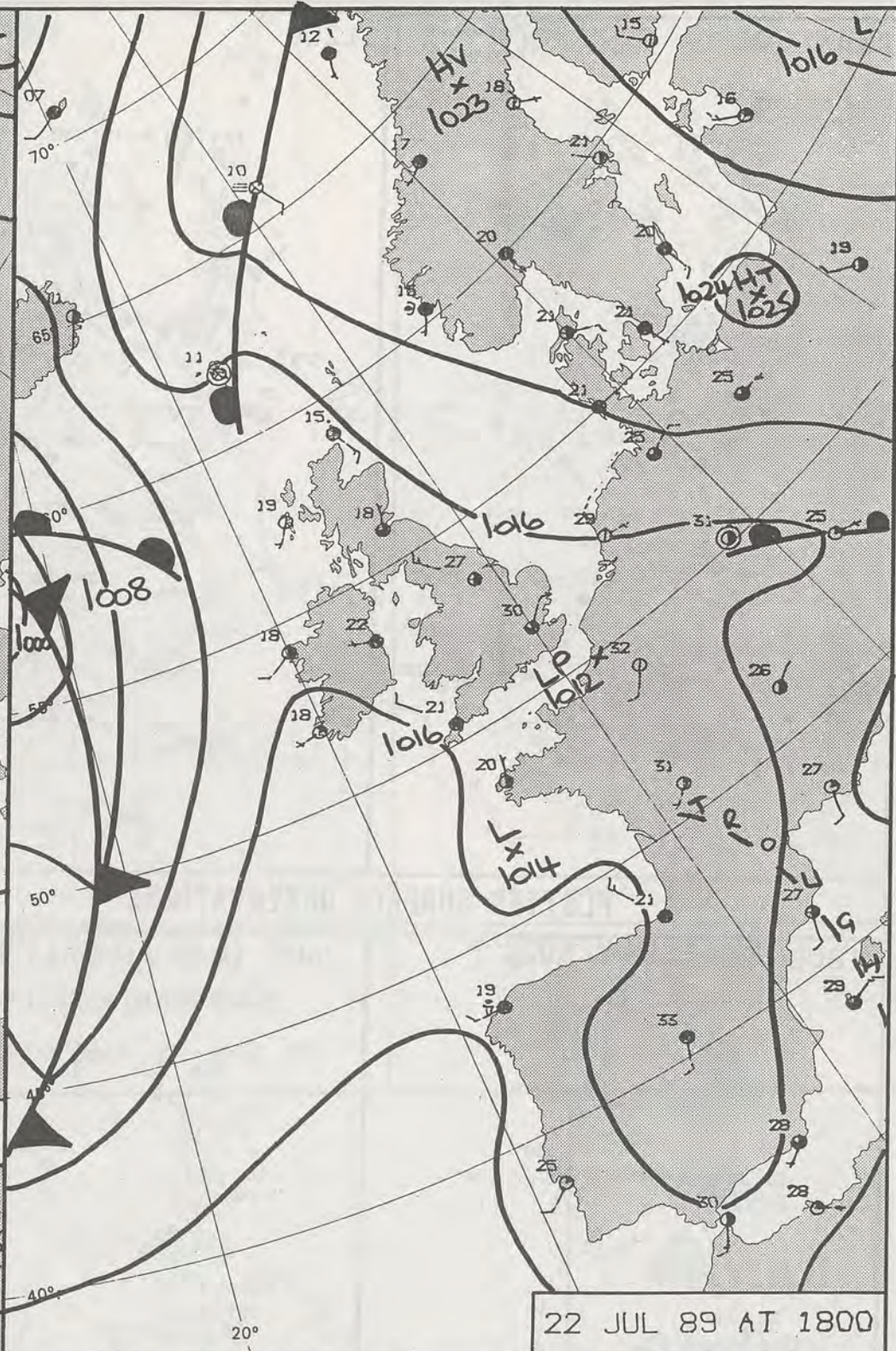
London Weather Centre 284-286 High Holborn London WC1V 7HX All times are GMT 500mb full lines 1000-500 mb packed



22 JUL 89 AT 1200



22 JUL 89 AT 2400



22 JUL 89 AT 1800

DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR

SATURDAY 22 JULY 1989

Warm front Cold front Occlusion

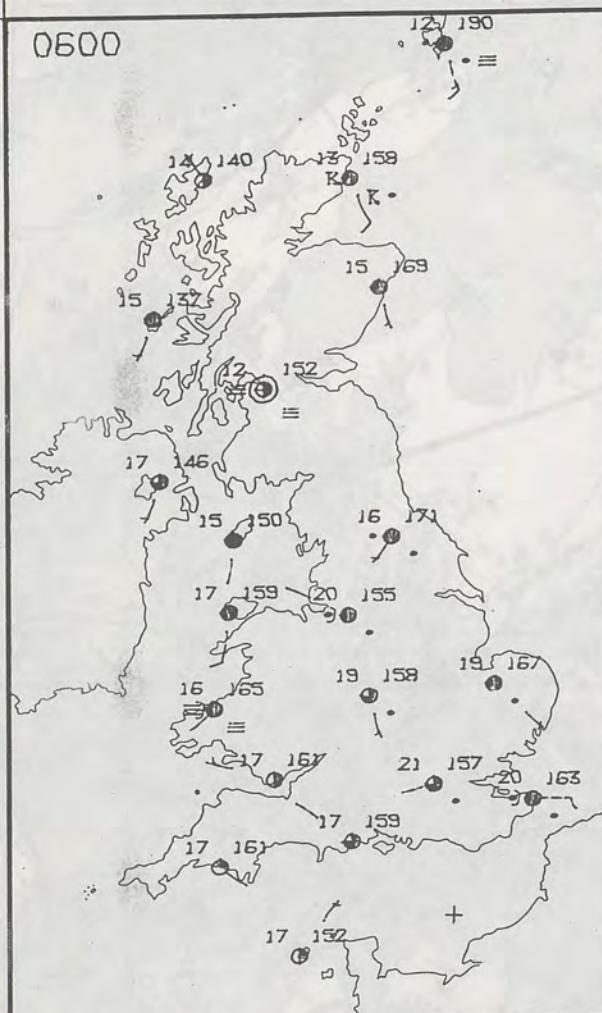
London Weather Centre 284-286 High Holborn London WC1V 7HX

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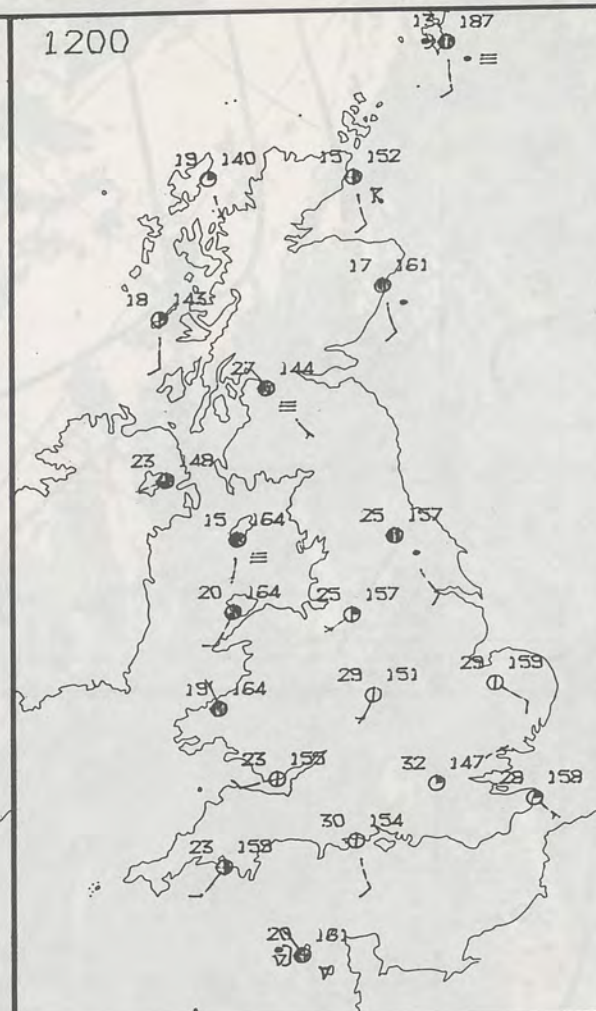
METEOROLOGICAL OFFICE  
04 AUG  
LIBRARY



0600

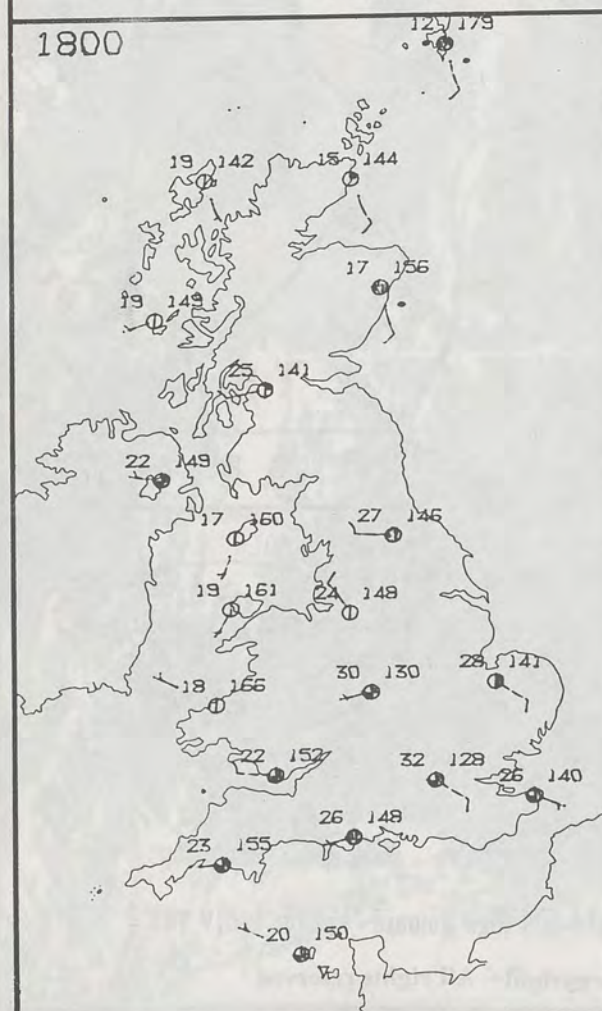


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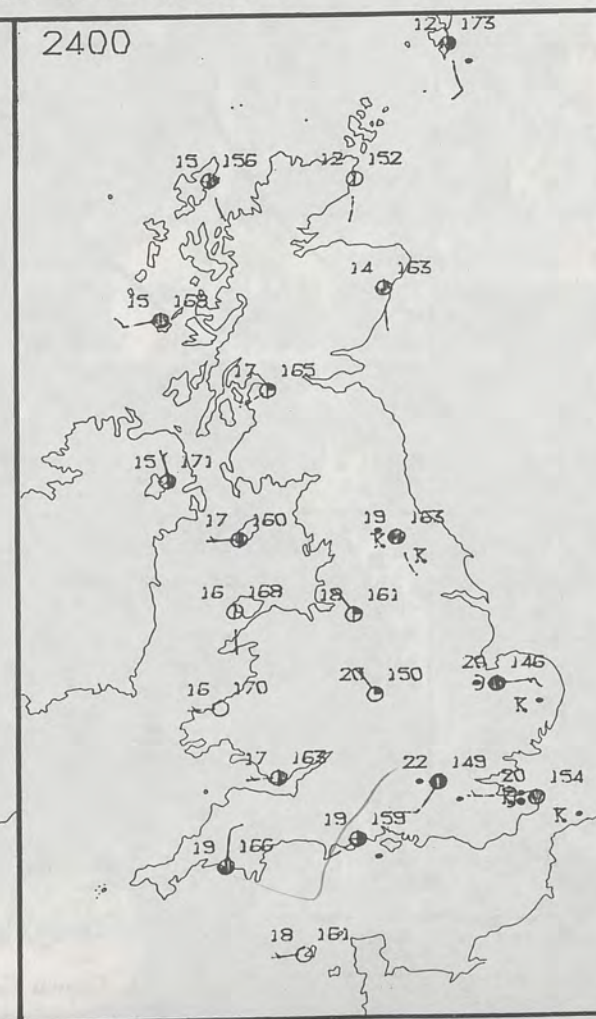


## PLOTTED SURFACE OBSERVATIONS

1800



2400

SATURDAY  
22 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

There were a few patches of rain overnight, chiefly in central and eastern Britain, with thunder here and there in eastern Scotland. A few fog patches formed under clearer skies in the west.

There was a lot of hot, sunny weather across the British Isles during the day. The hottest areas were in the southeastern corner of Britain, with Heathrow's 34.2°C the highest temperature recorded in the country since the 3rd July 1976. Some coastal areas of north-eastern Britain were fairly cloudy with temperatures nearer normal. Patchy cloud drifted across many other districts, with some quite large amounts at times, especially during the latter part of the day. There were scattered showers and thunderstorms during the late afternoon and evening over eastern Britain.

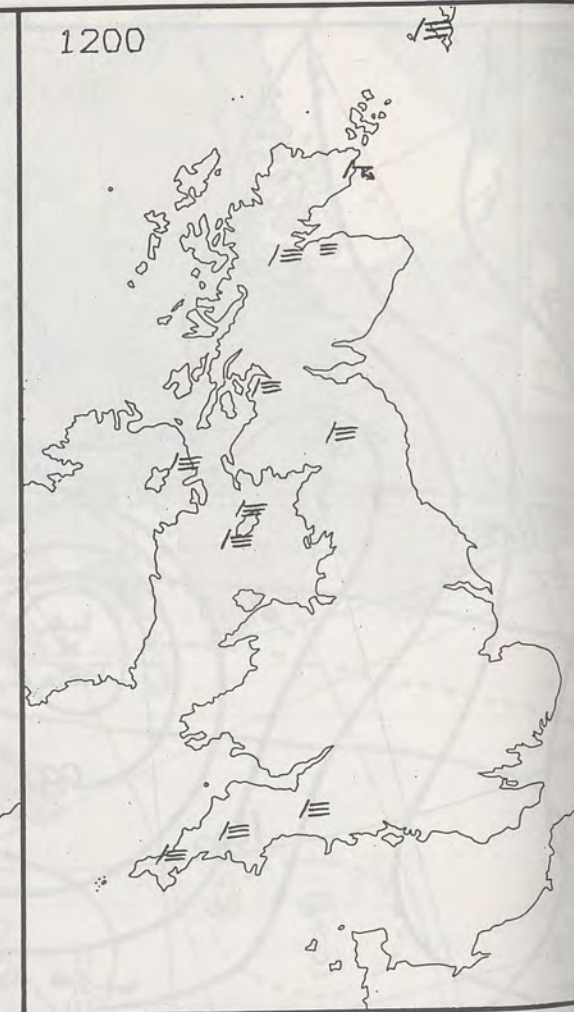
London Weather Centre  
284-286 High Holborn  
London WC1V 7HX  
All times are GMT

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0600



1200



## SIGNIFICANT WEATHER CHARTS

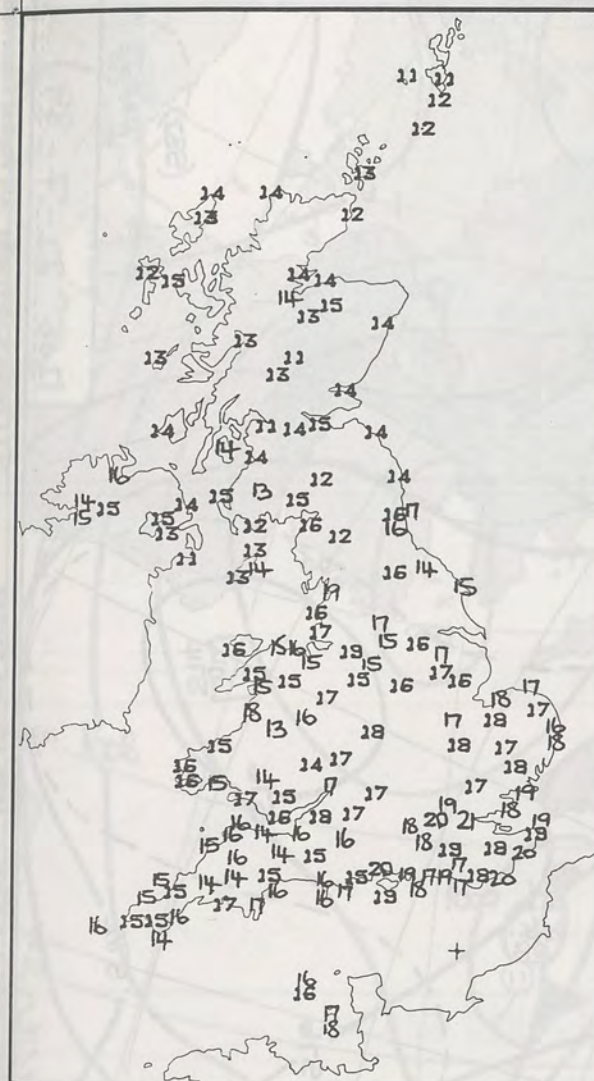
1800



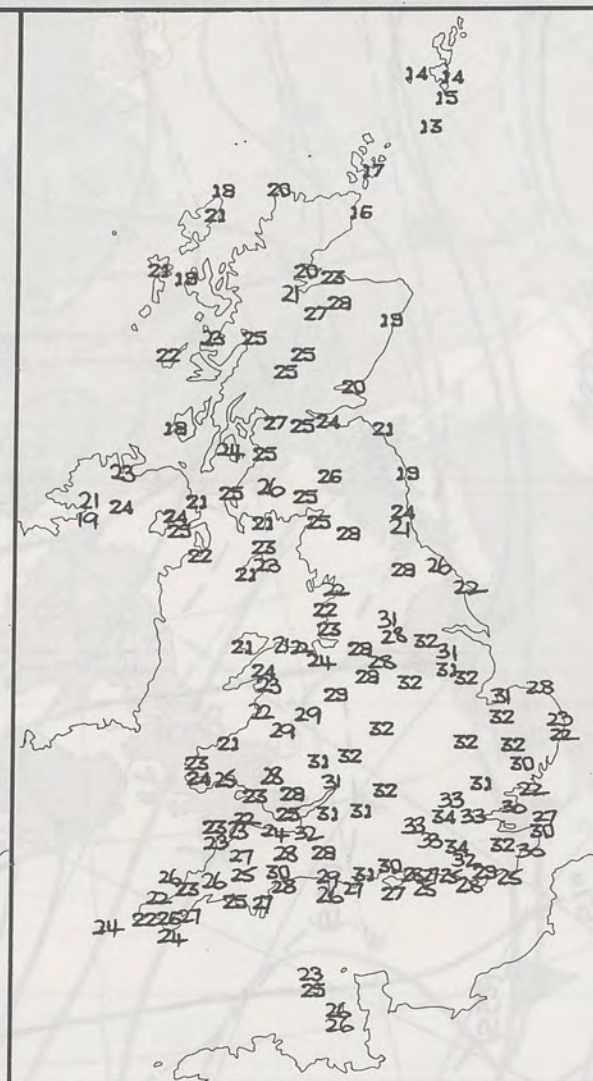
2400







**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 22 JUL 89



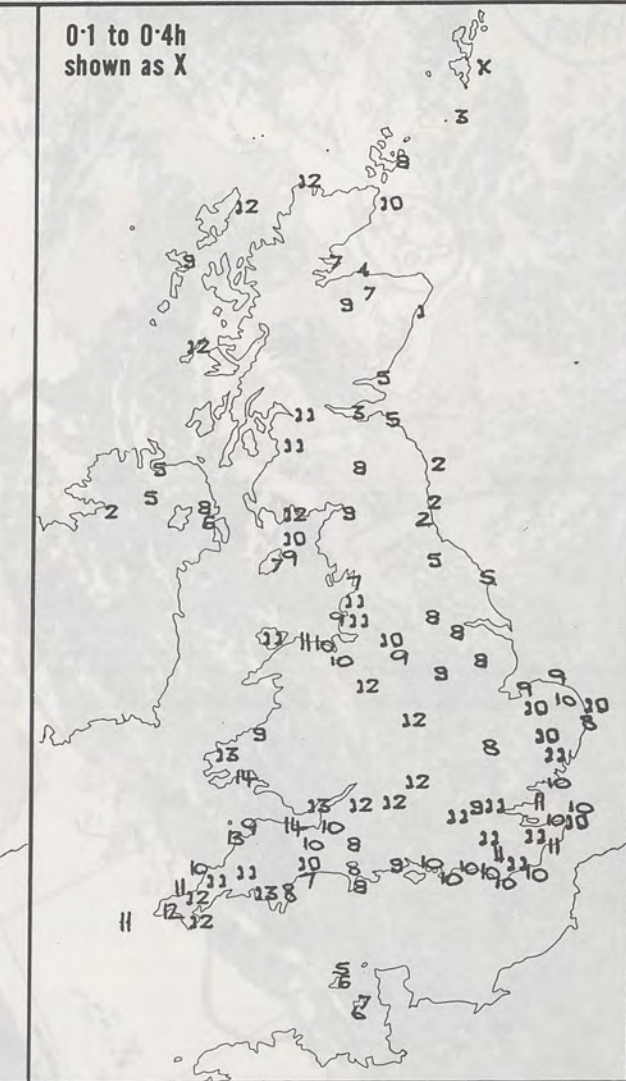
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 22 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 22 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 22 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
22 JUL 89

**EXTREMES FOR SATURDAY 22ND JULY 1989**

Highest maximum	: 34.2°C London/Heathrow Airport
Lowest maximum	: 13.5°C Fair Isle (Between Orkney and Shetland)
Lowest minimum	: 11.2°C Foula (Shetland), Tummel Bridge (Tayside)
Lowest grass minimum	: 8.6°C Okehampton (Devon)
Most rain (24 hours from 0900 GMT)	: 9.3 mm Cromer (Norfolk)
Most sun	: 14.0 hours Tenby (Dyfed)

**DAILY  
WEATHER  
SUMMARY**



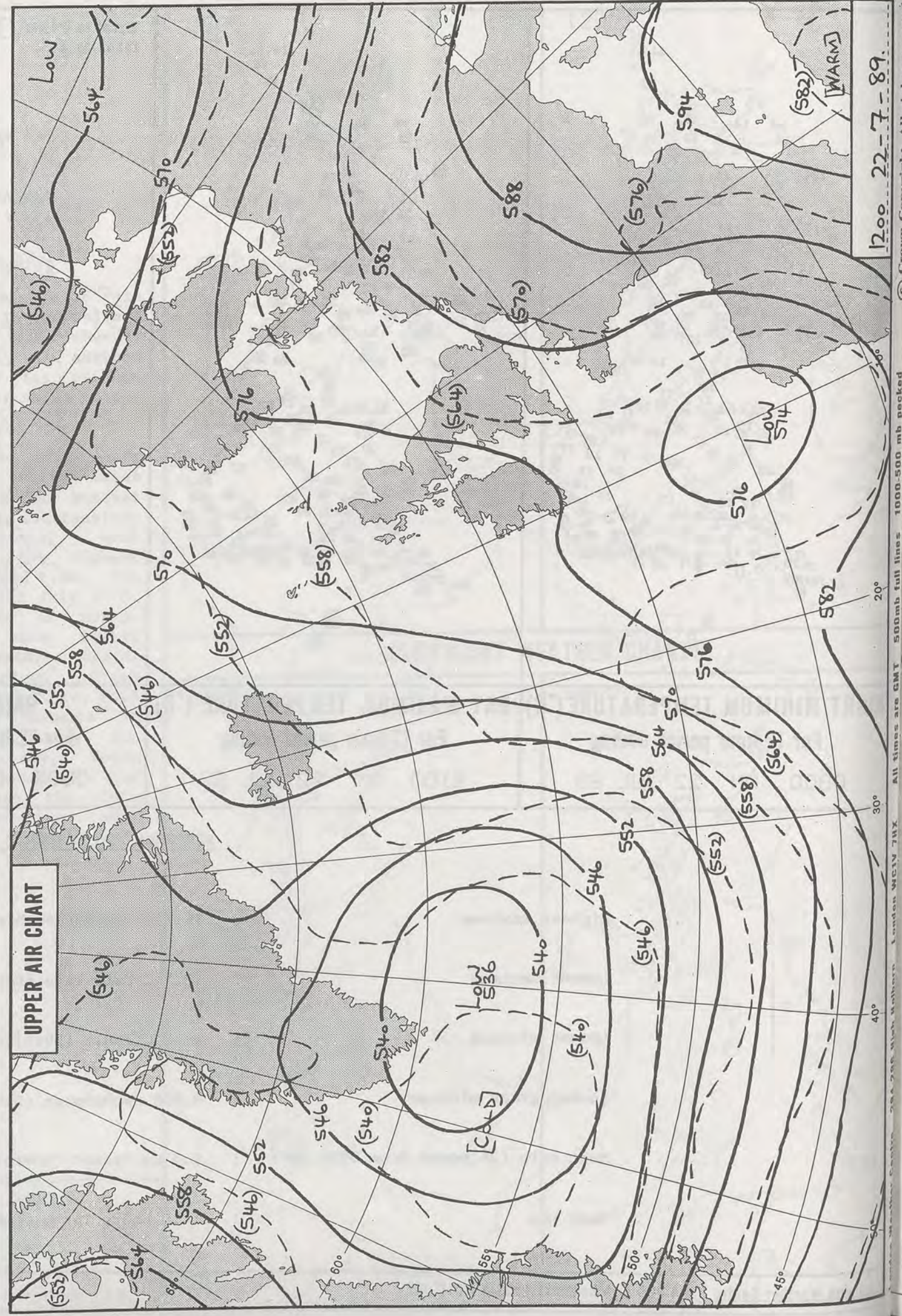
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1404  
22/7/89



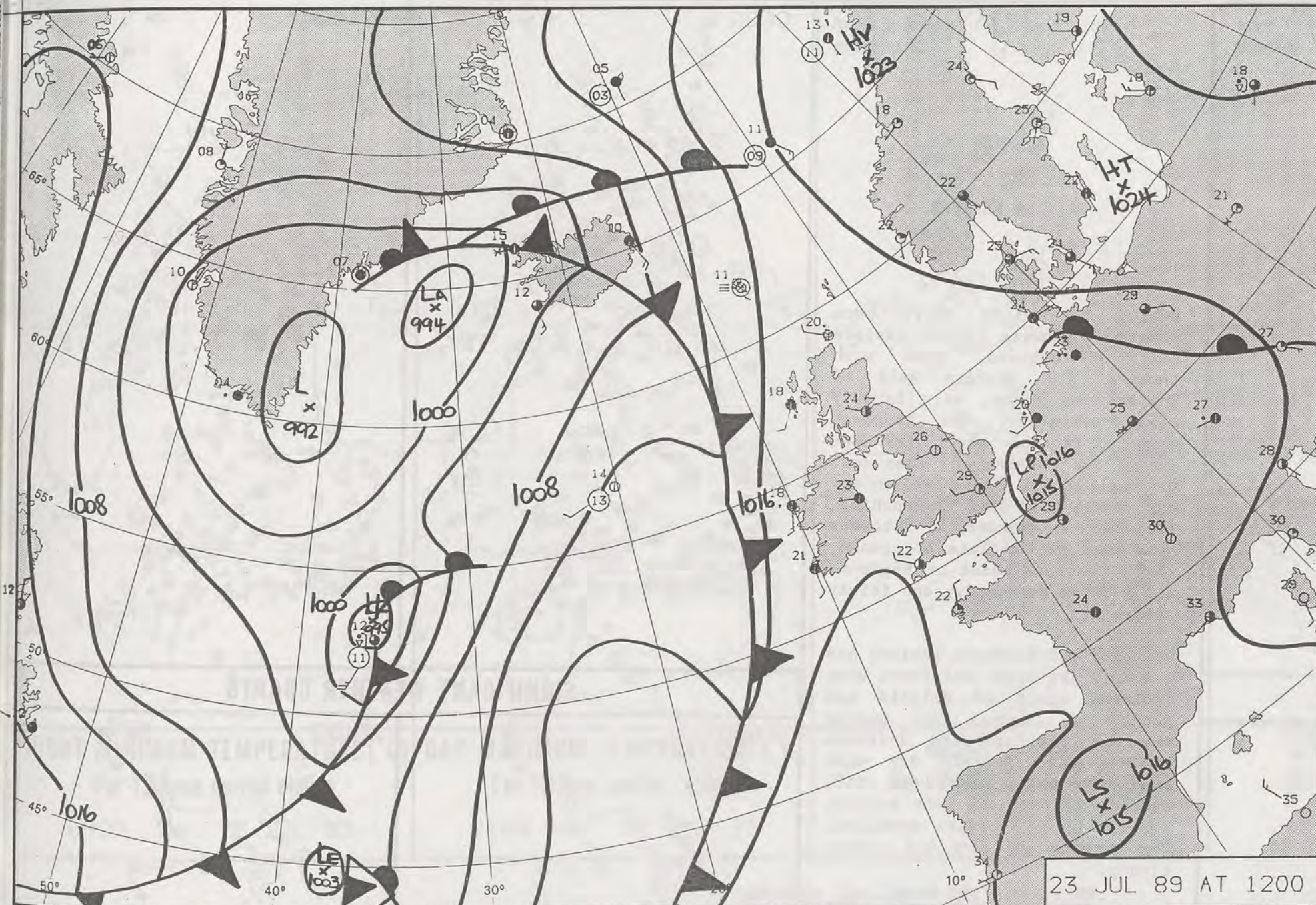
# UPPER AIR CHART



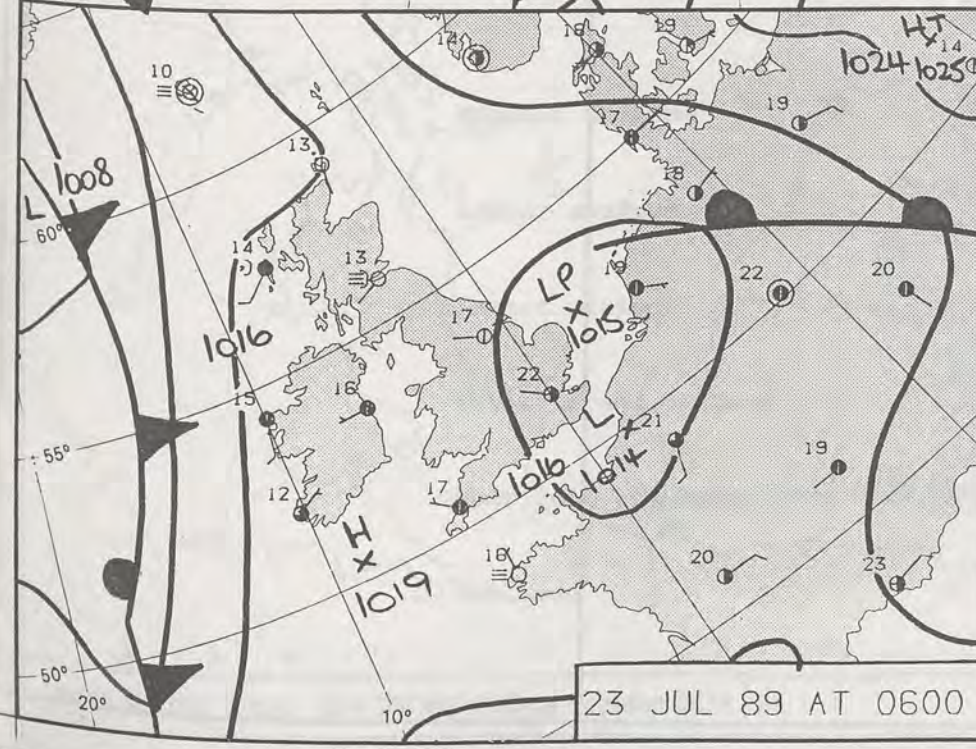


1200 22-7-89

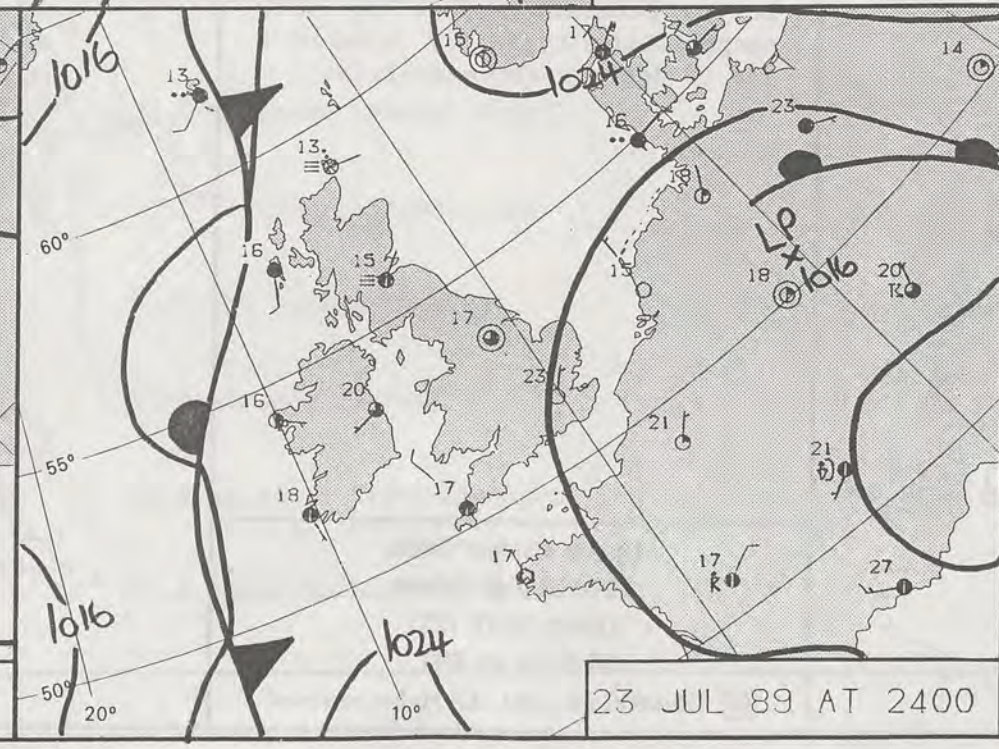
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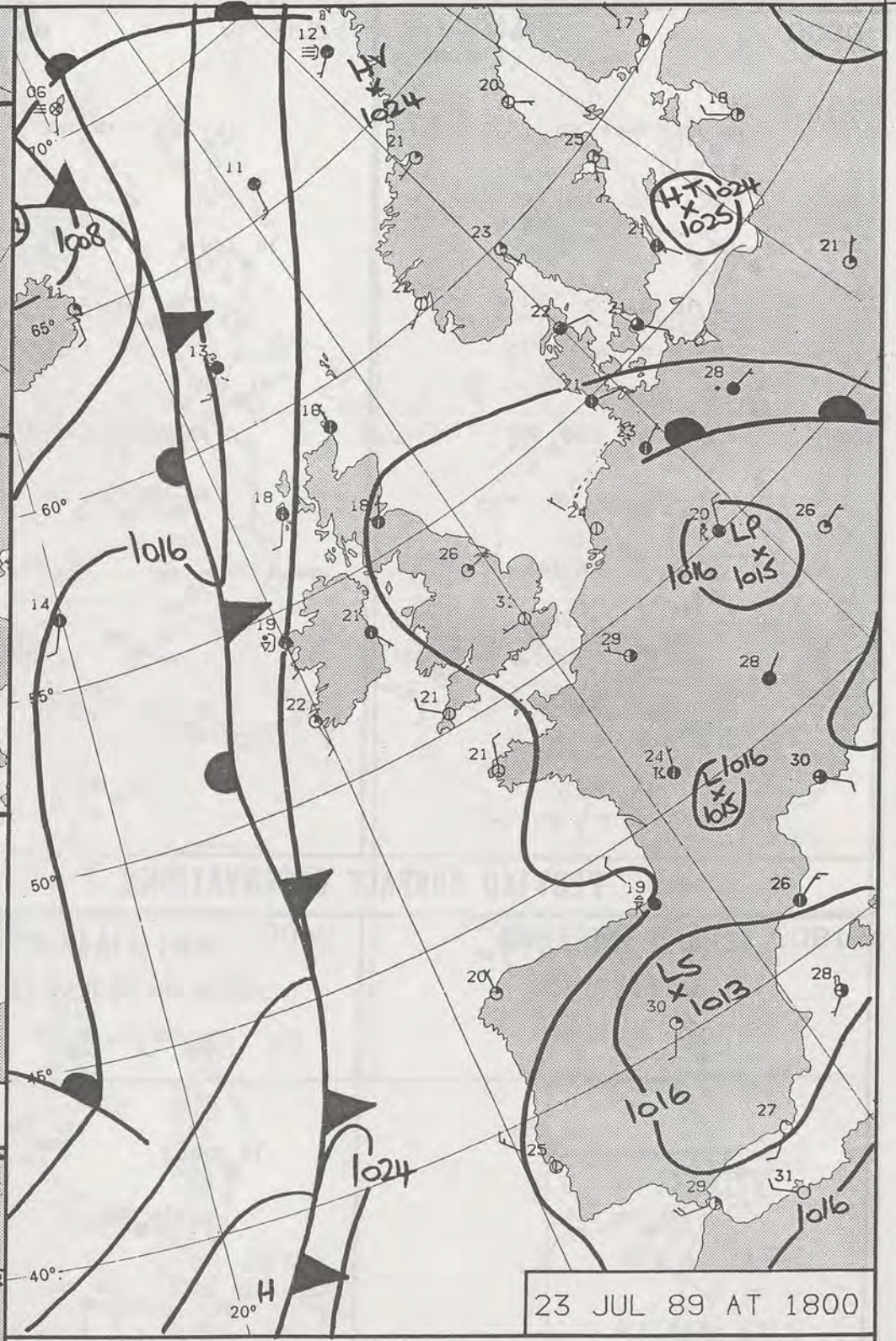
23 JUL 89 AT 1200



23 JUL 89 AT 0600



23 JUL 89 AT 2400



23 JUL 89 AT 1800

DUPLICATE ALSO  
DAILY WEATHER SUMMARY  
NOT FOR LOAN FOR  
SUNDAY 23 JULY 1989

London Weather Centre 284-286 High Holborn London WC1V 7HX

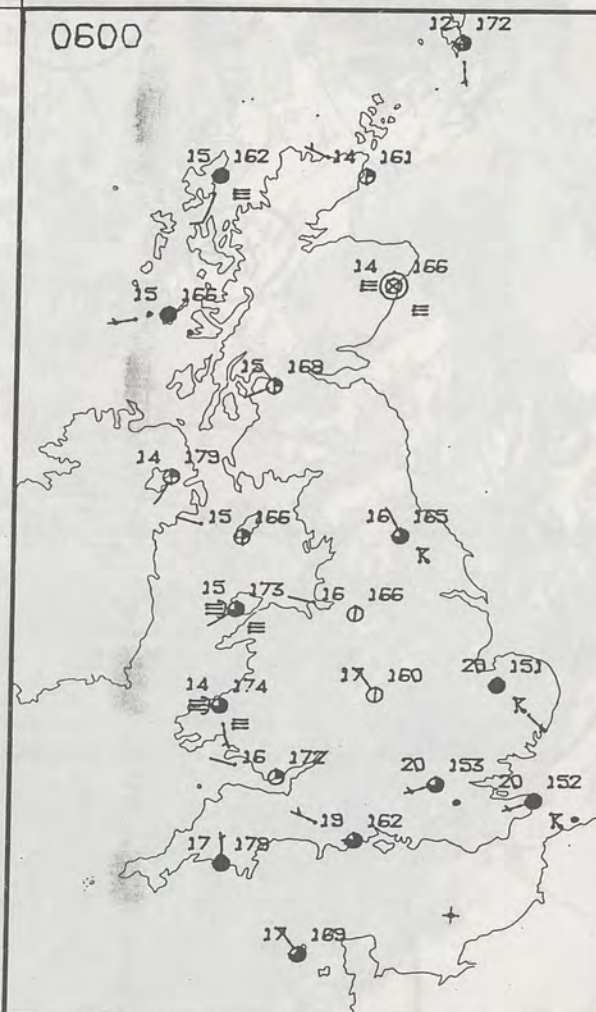
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04 AUG 1989  
METEOROLOGICAL OFFICE  
LIBRARY

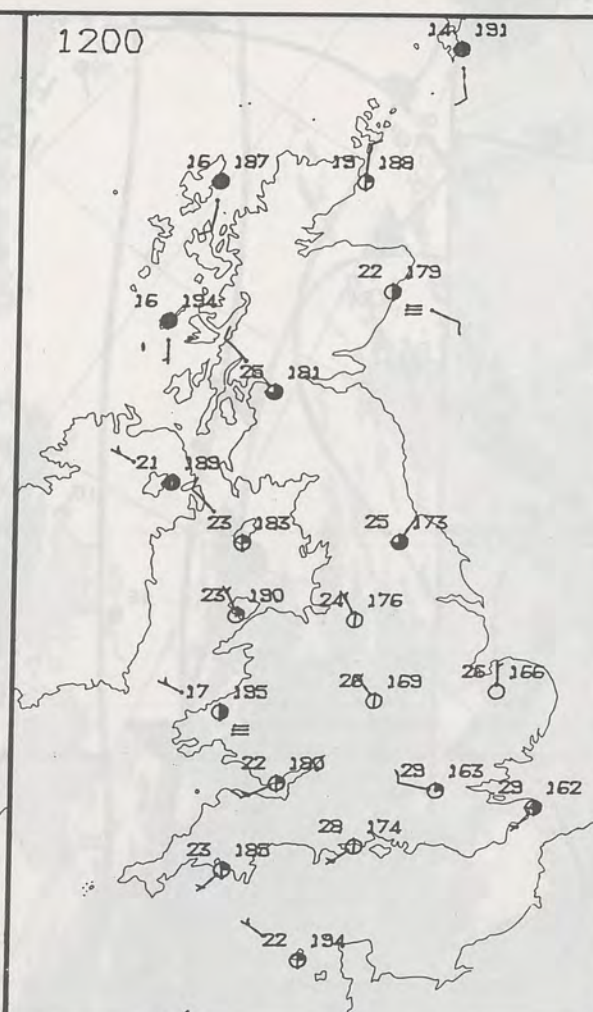
Warm front Cold front Occlusion



0600

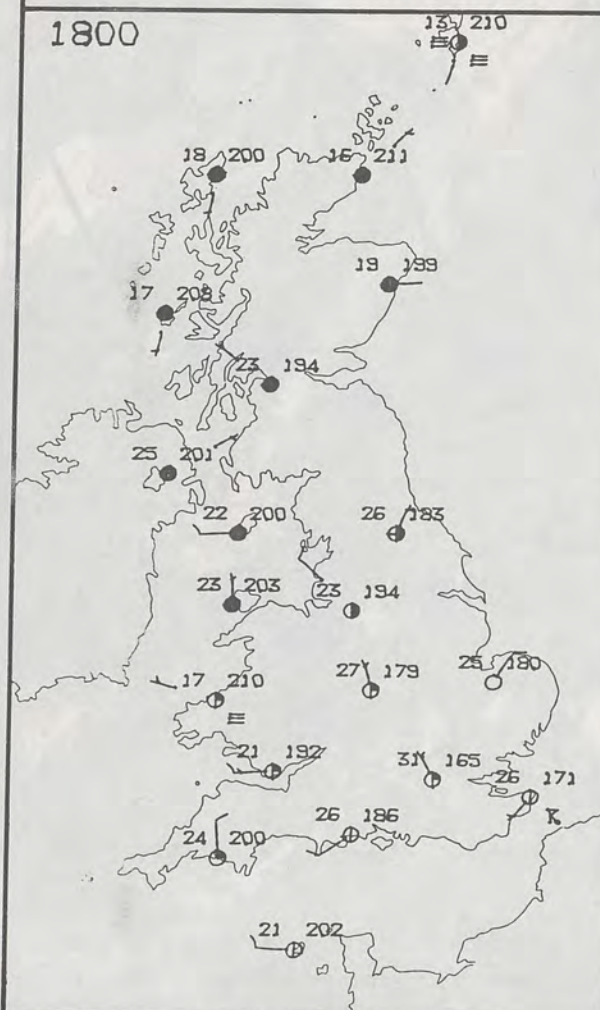


1200

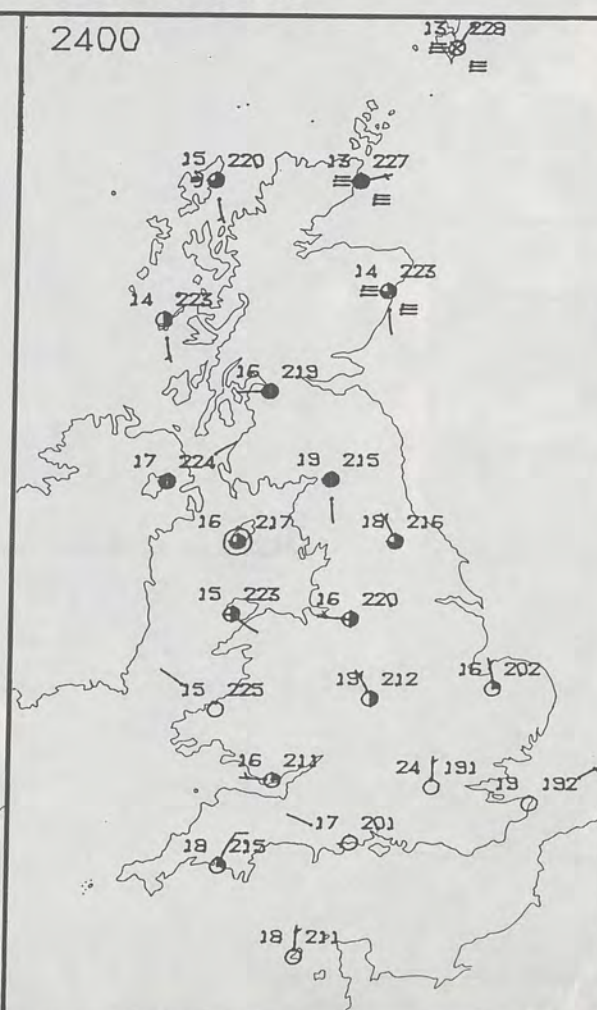


## PLOTTED SURFACE OBSERVATIONS

1800



2400

SUNDAY  
23 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

During the night there were scattered showers in the eastern half of England, some with thunder. The western half of England and Wales, were largely clear overnight. The thundery showers in the east died out during the morning and then most of England and Wales had a dry day with a good deal of sunshine. Isolated thundery showers developed in the late afternoon, in the far southeast of England. The evening became dry and fairly clear.

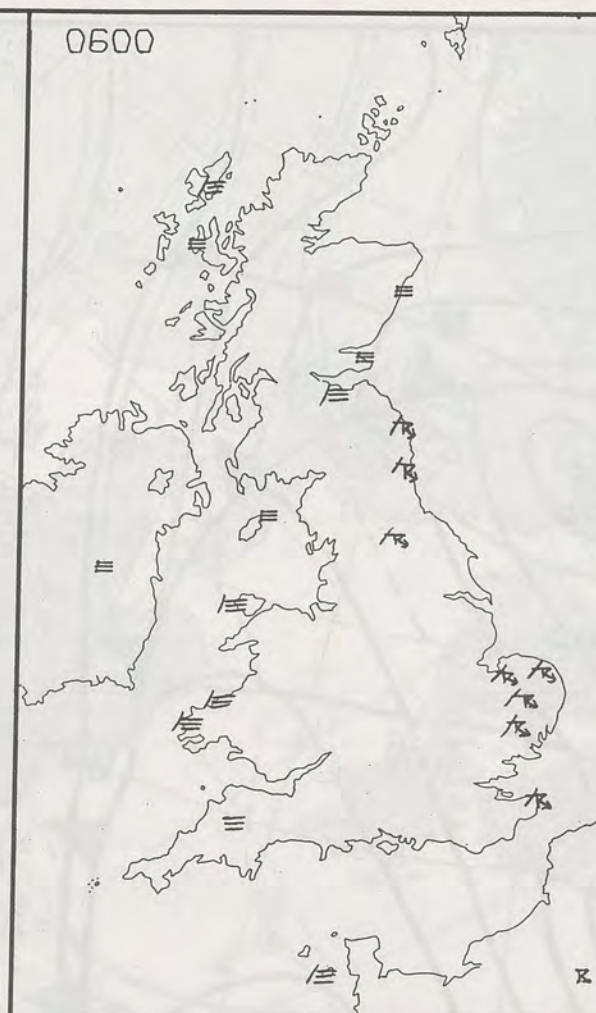
Scotland and Northern Ireland had a mostly dry night but there were isolated spots of drizzle and patches of coastal fog. During the day Scotland and Northern Ireland were largely dry with sunny spells but there were still patches of fog on some coasts, especially in eastern Scotland. The evening was dry but mostly cloudy.

It was generally a hot day with temperatures typically between 4 and 10 degrees above average.

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London WC1V 7HX  
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0600



1200

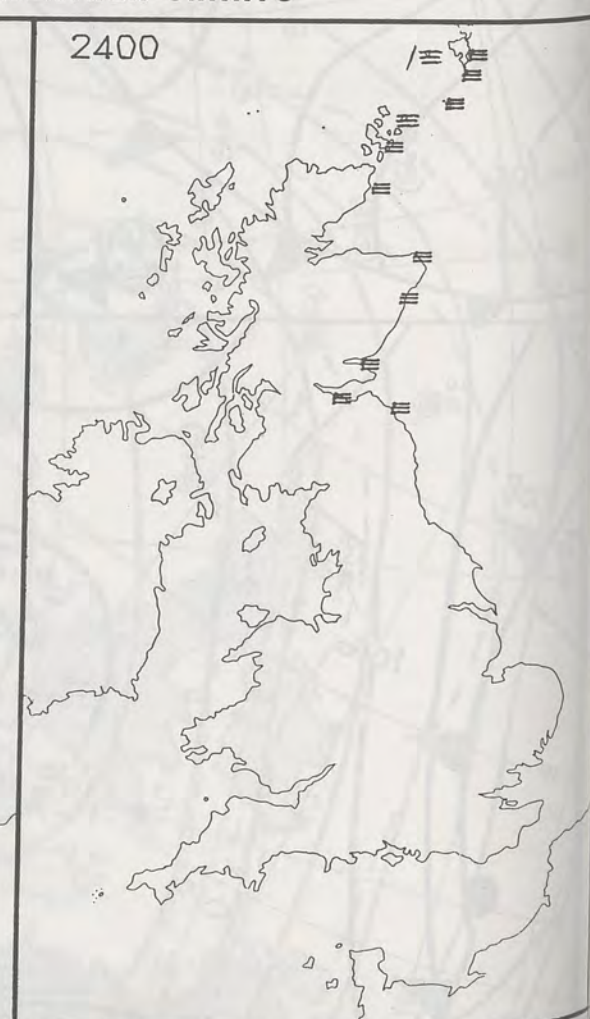


## SIGNIFICANT WEATHER CHARTS

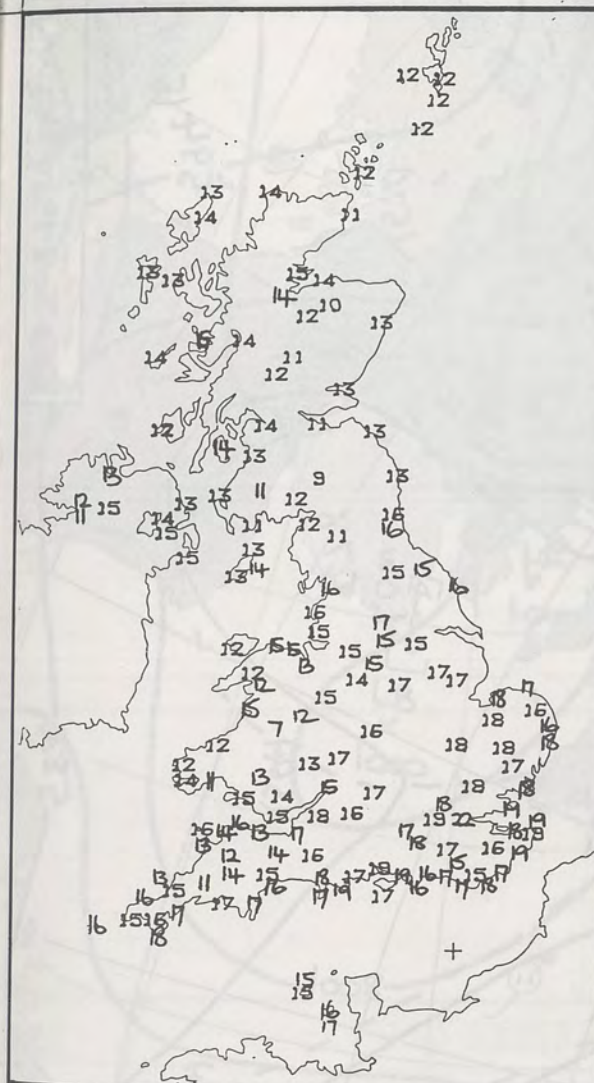
1800



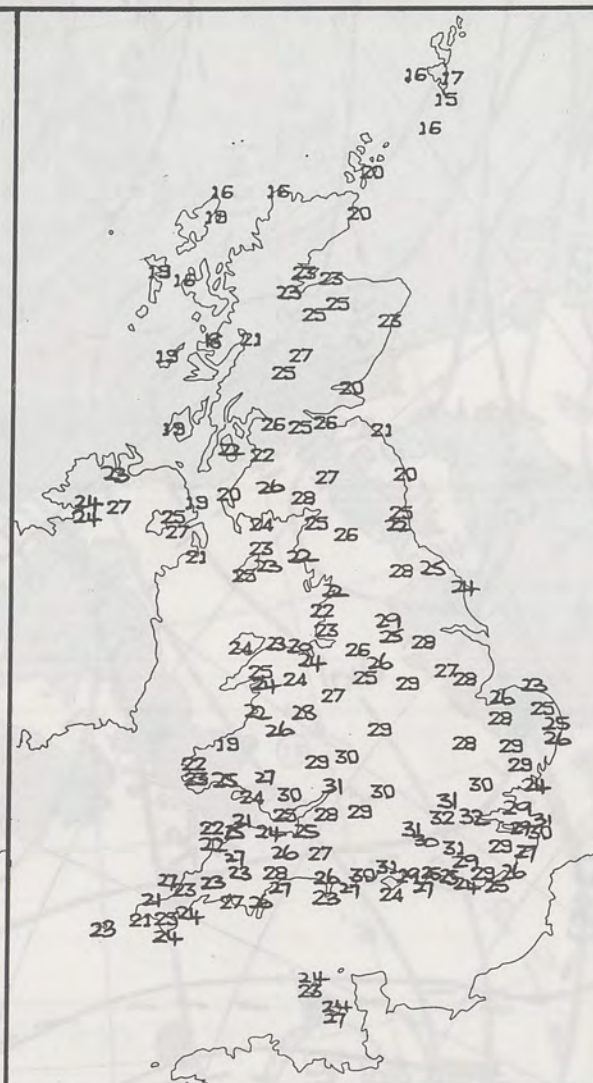
2400







**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 23 JUL 89



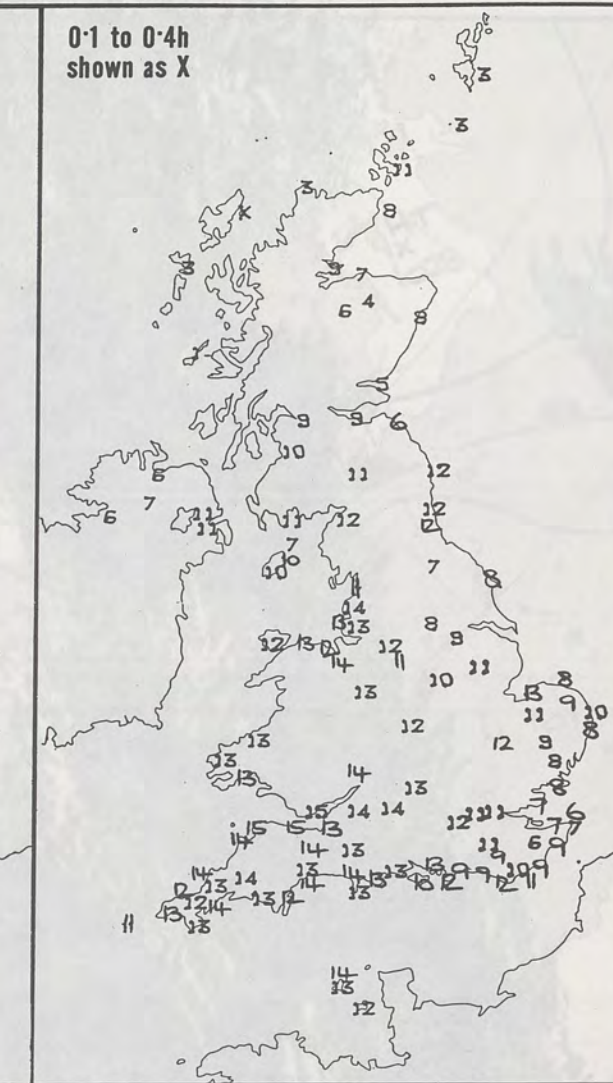
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 23 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 23 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 23 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
23 JUL 89

**EXTREMES FOR SUNDAY 23RD JULY 1989**

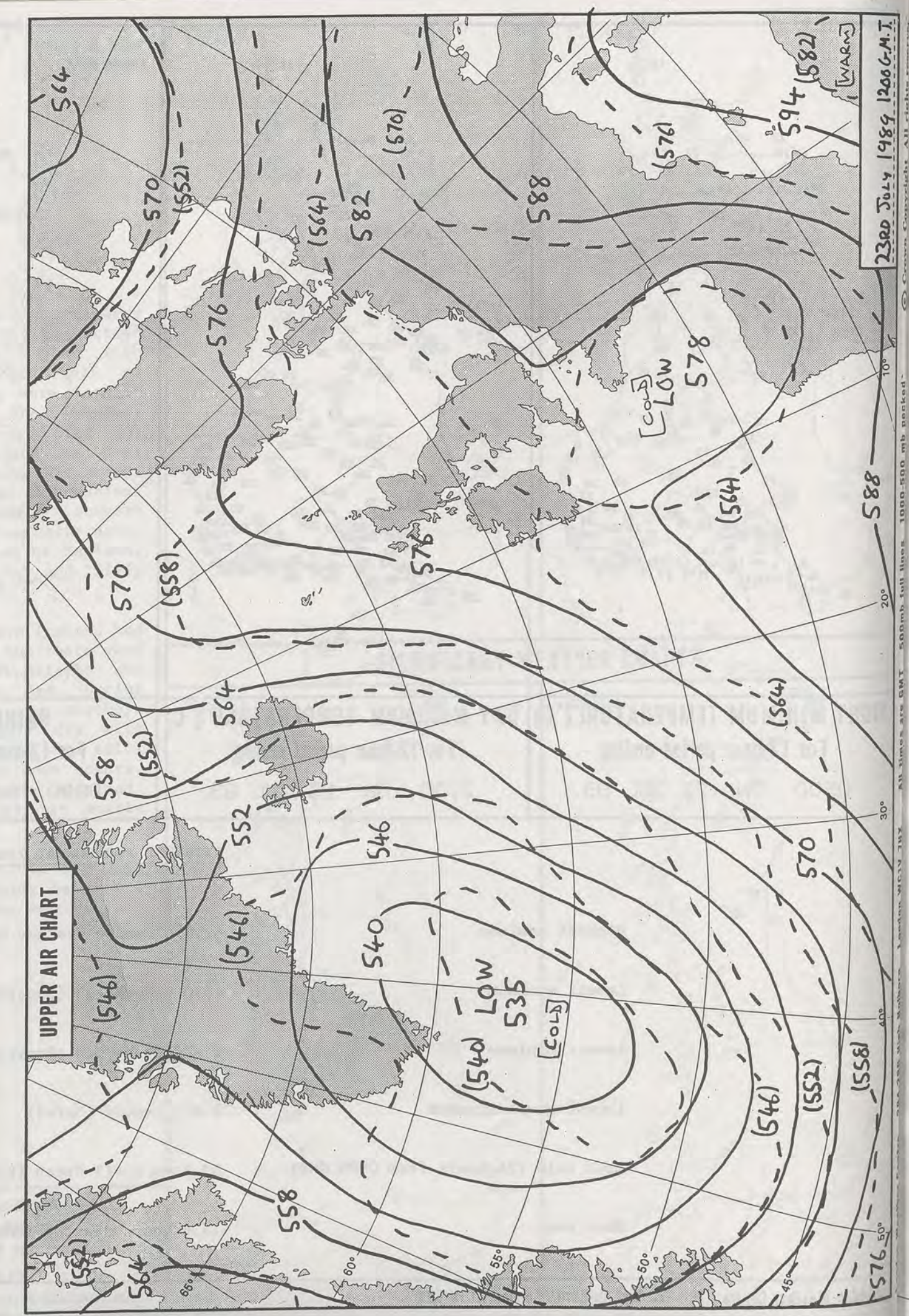
Highest maximum	:	31.9°C London Weather Centre
Lowest maximum	:	15.0°C Sumburgh (Shetland)
Lowest minimum	:	6.6°C St Harmon (Powys)
Lowest grass minimum	:	4.8°C Brawdy (Dyfed)
Most rain (24 hours from 0900 GMT)	:	32.9 mm Anvil Green (Kent)
Most sun	:	14.8 hours Saunton Sands (Devon)

**DAILY  
WEATHER  
SUMMARY**



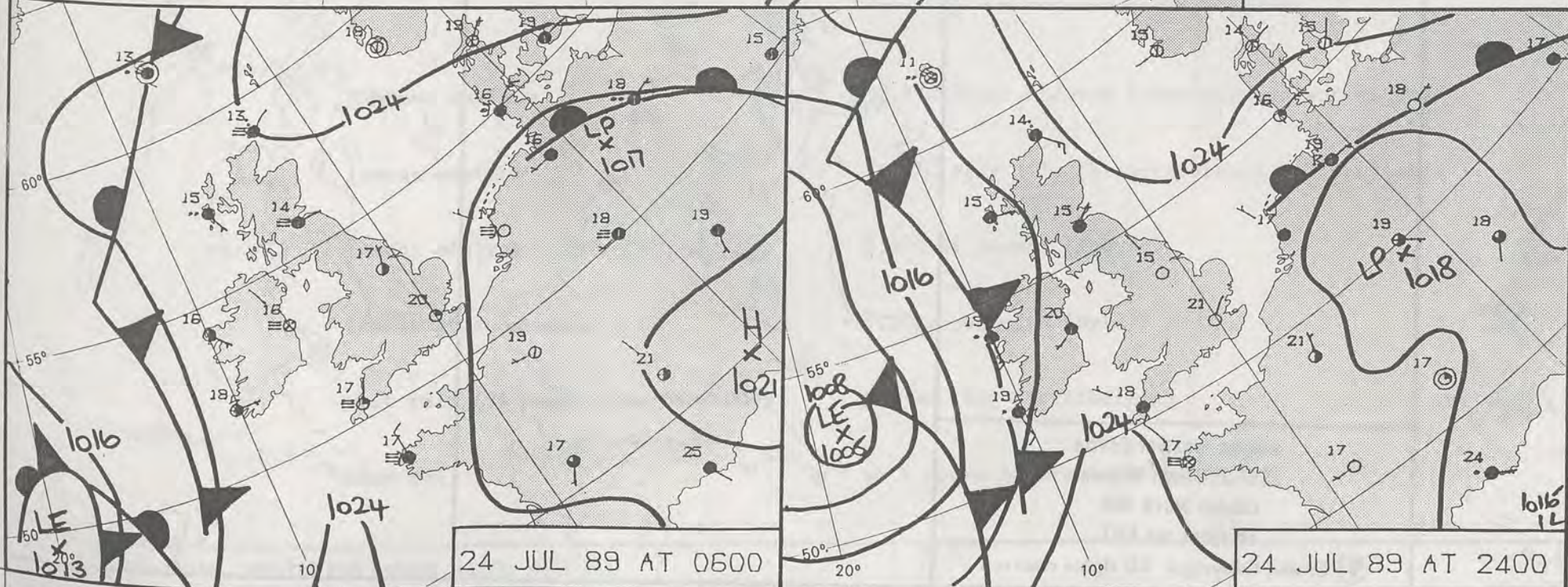
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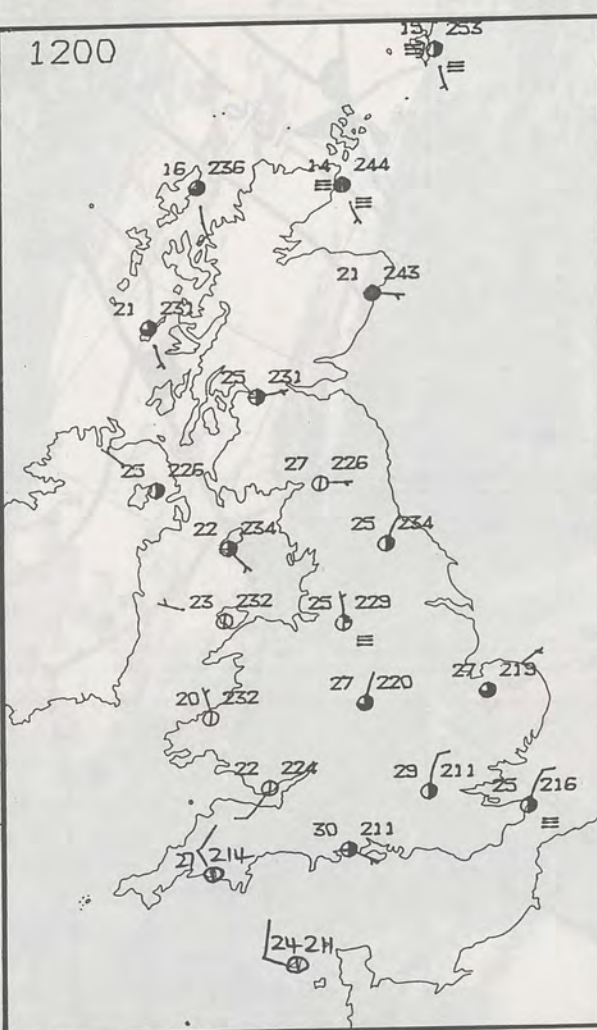
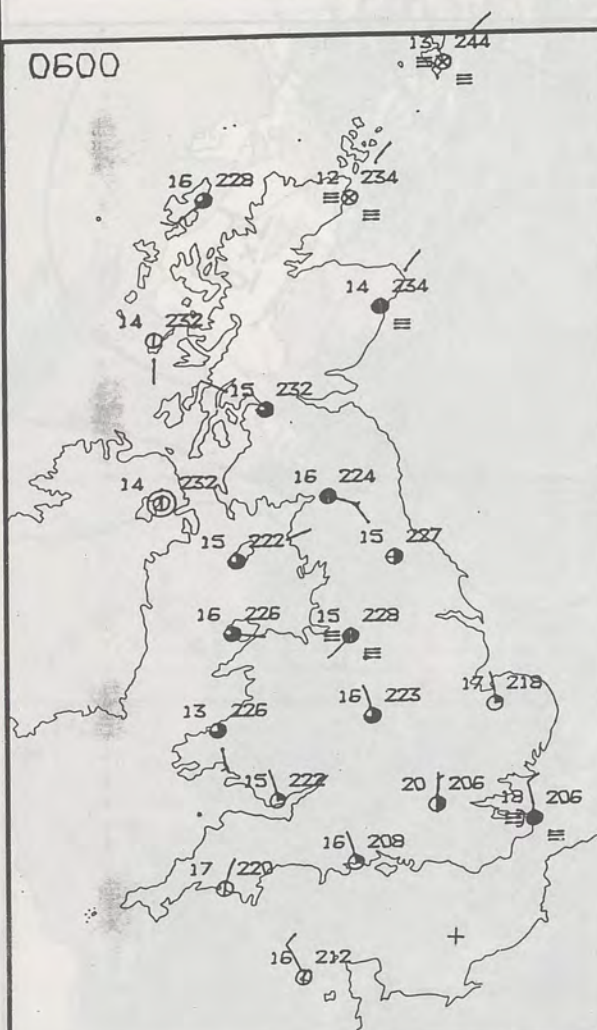




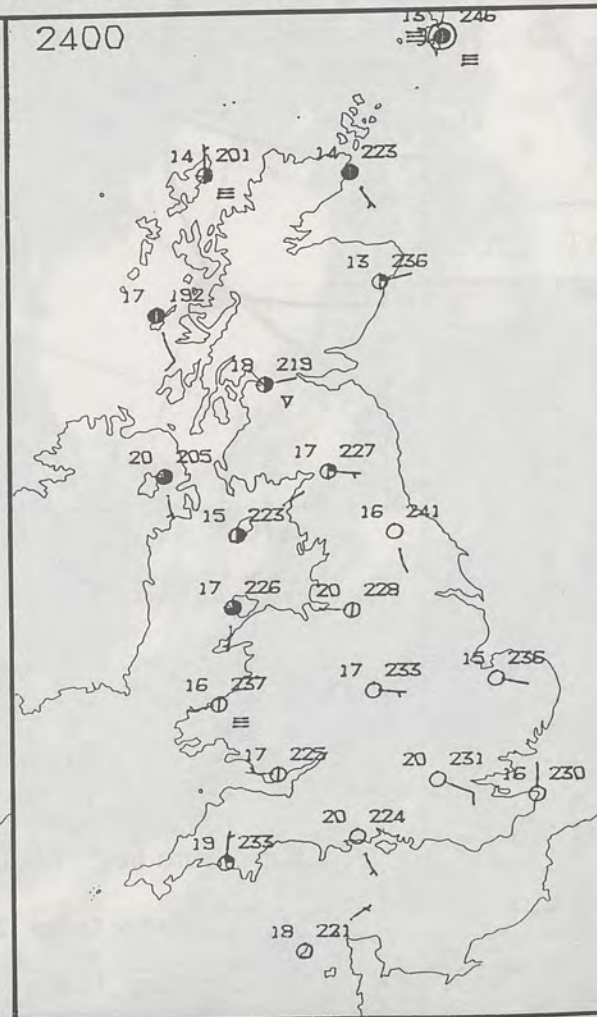
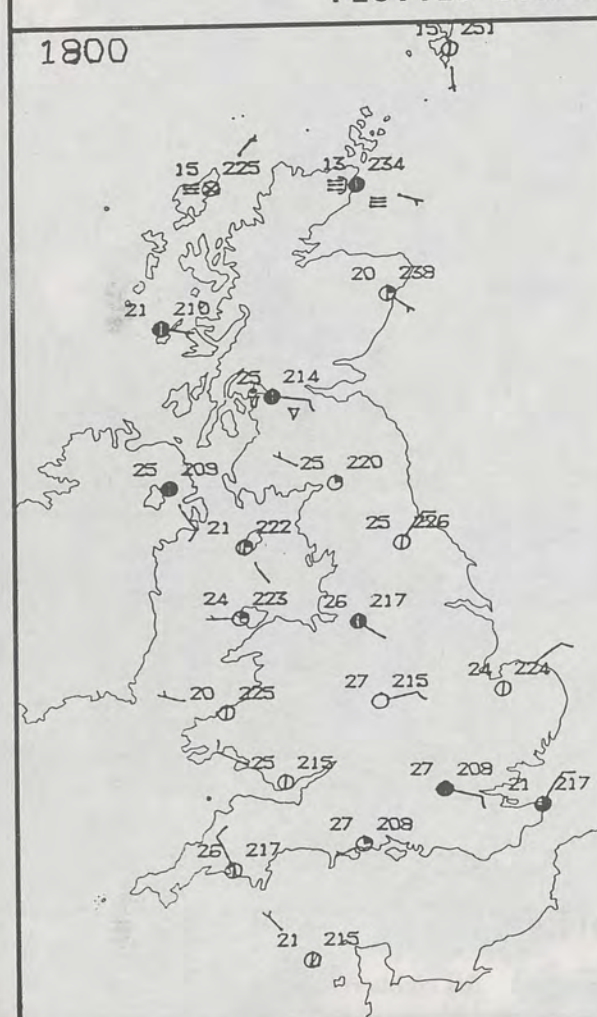
576







### PLOTTED SURFACE OBSERVATIONS



MONDAY  
24 JULY 1989

### SUMMARY OF BRITISH WEATHER

England and Wales had a dry, mainly clear night, the day was then dry with a good deal of hazy sunshine, although there were some areas of cloud drifting around and a few patches of sea fog drifted on to parts of the northeast coast of England. The evening was largely dry and clear but an isolated thunderstorm was reported in northwest Cumbria.

Scotland and Northern Ireland had a dry night but with fog along much of the east coast of Scotland. During the day sea fog continued to affect parts of the east coast of Scotland but most of Scotland and Northern Ireland had sunny spells. The evening was rather cloudy but mainly dry.

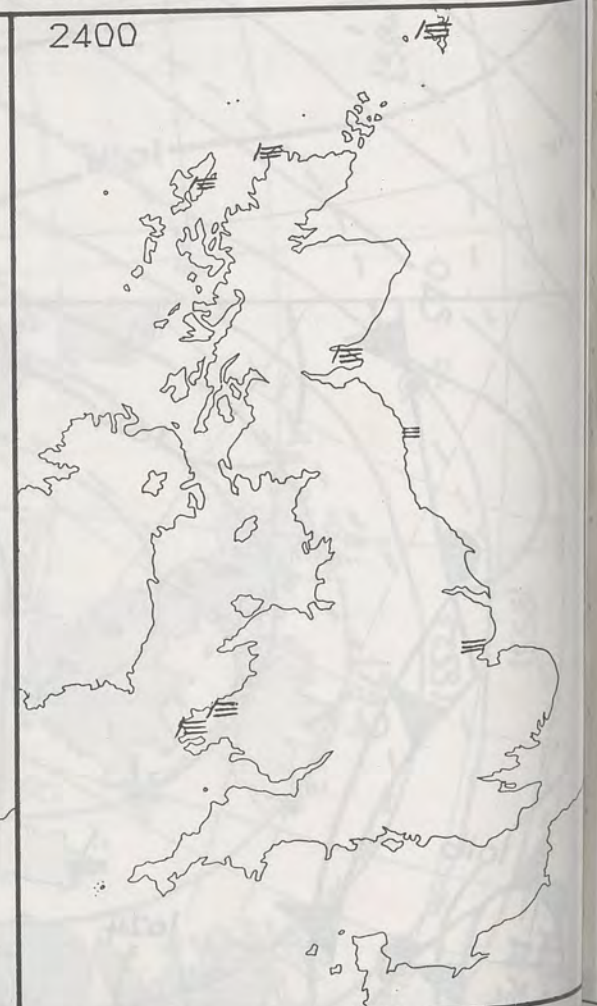
It was generally a hot day with temperatures locally around 10 degrees above average.

London Weather Centre  
284-286 High Holborn  
London WC1V 7HX  
All times are GMT

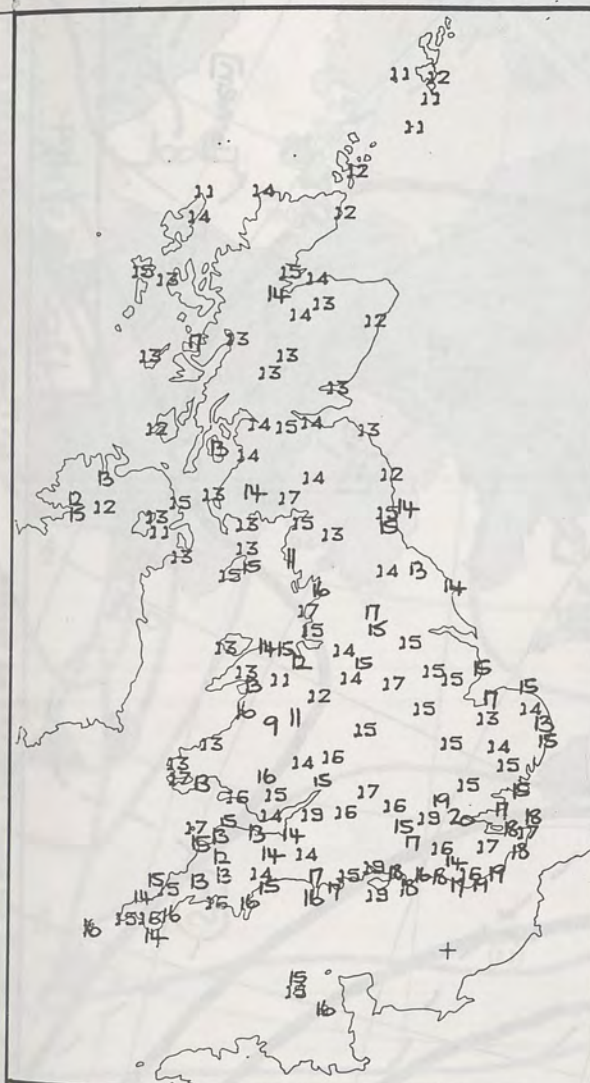
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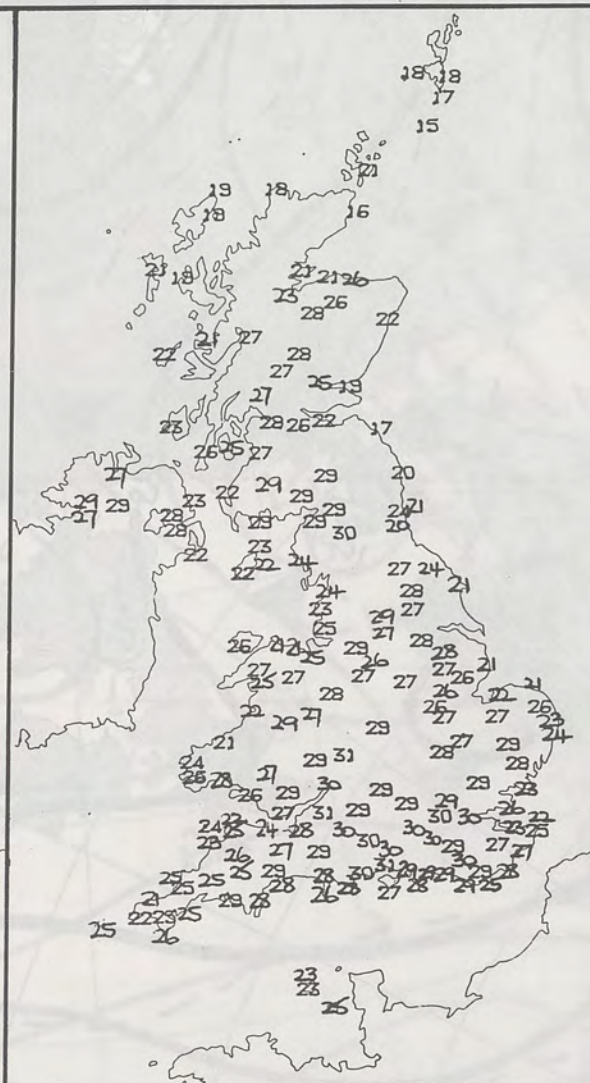
### SIGNIFICANT WEATHER CHARTS



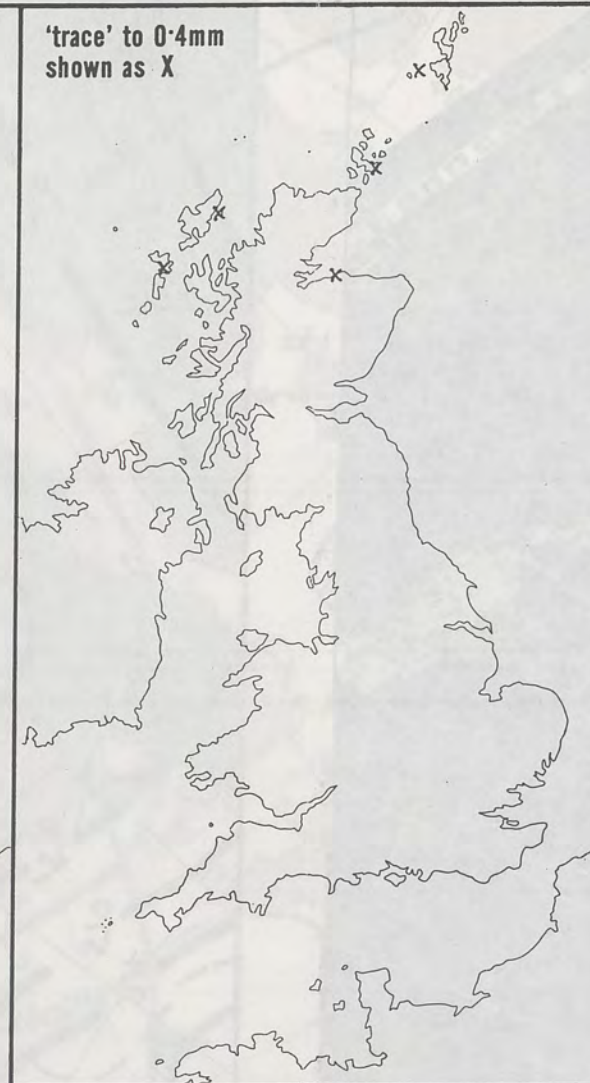




**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 24 JUL 89



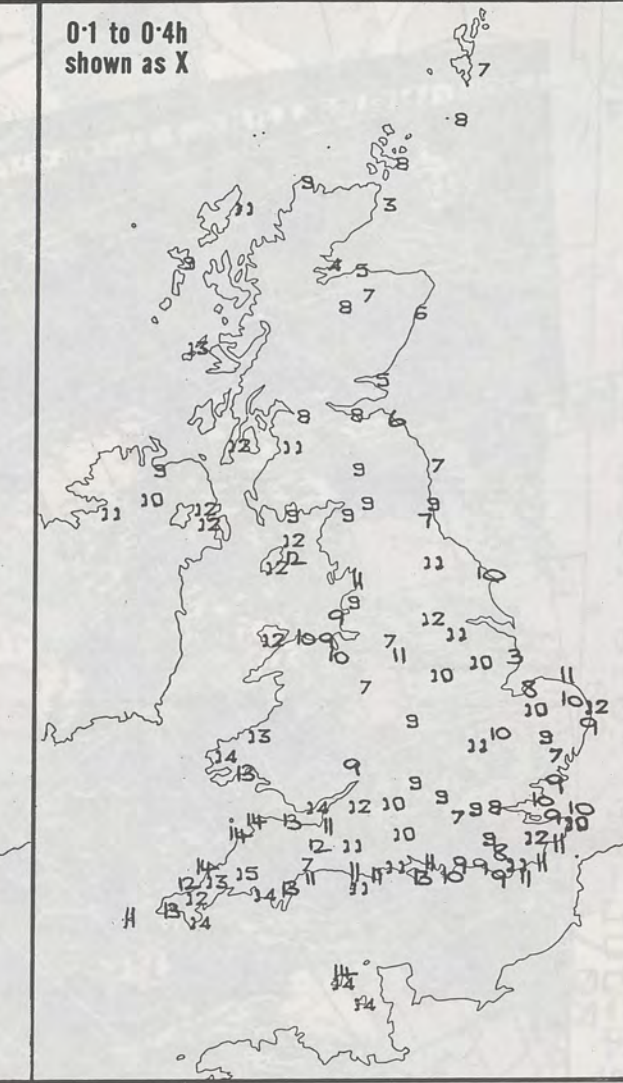
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 24 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 24 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 24 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
24 JUL 89

**EXTREMES FOR MONDAY 24TH JULY 1989**

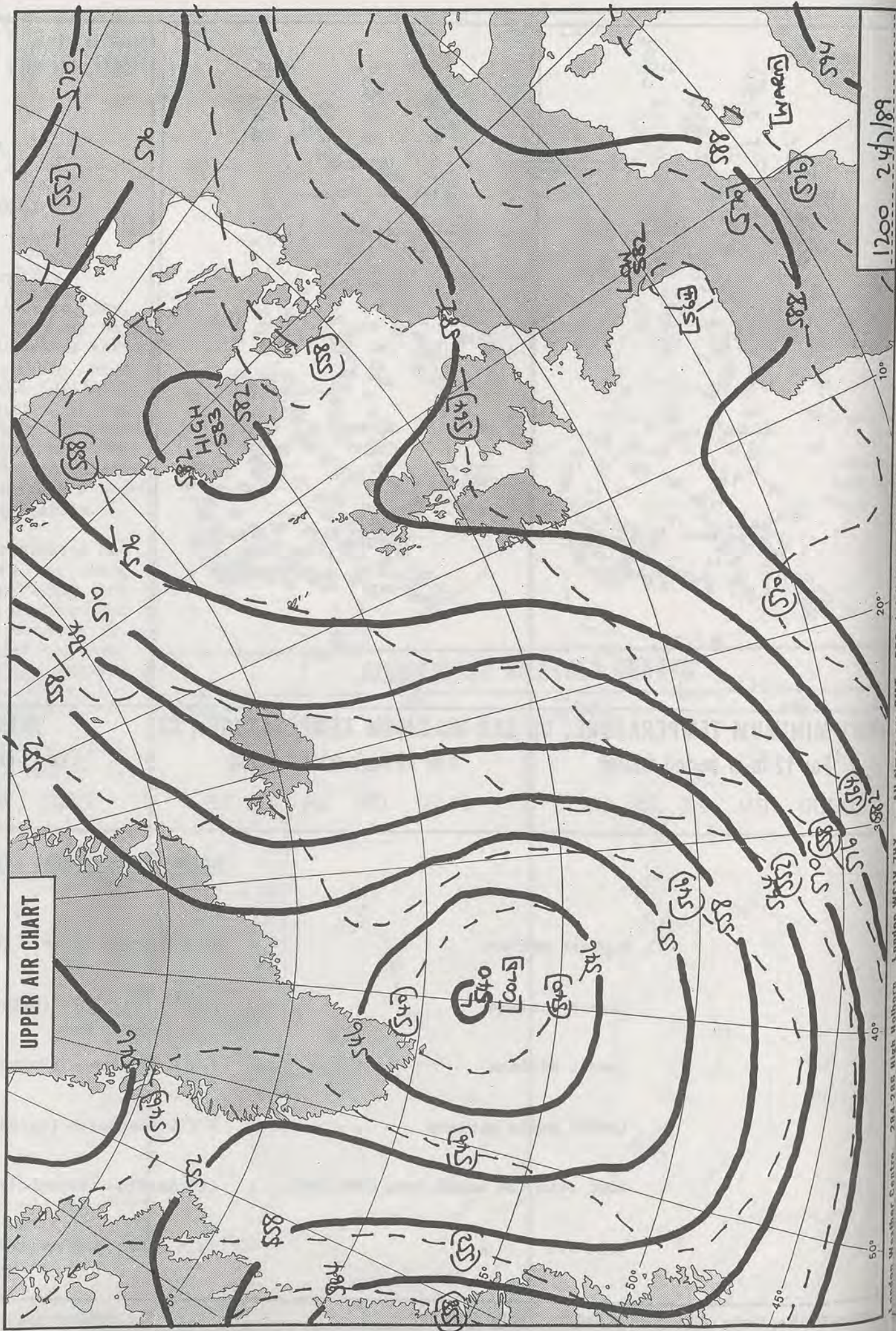
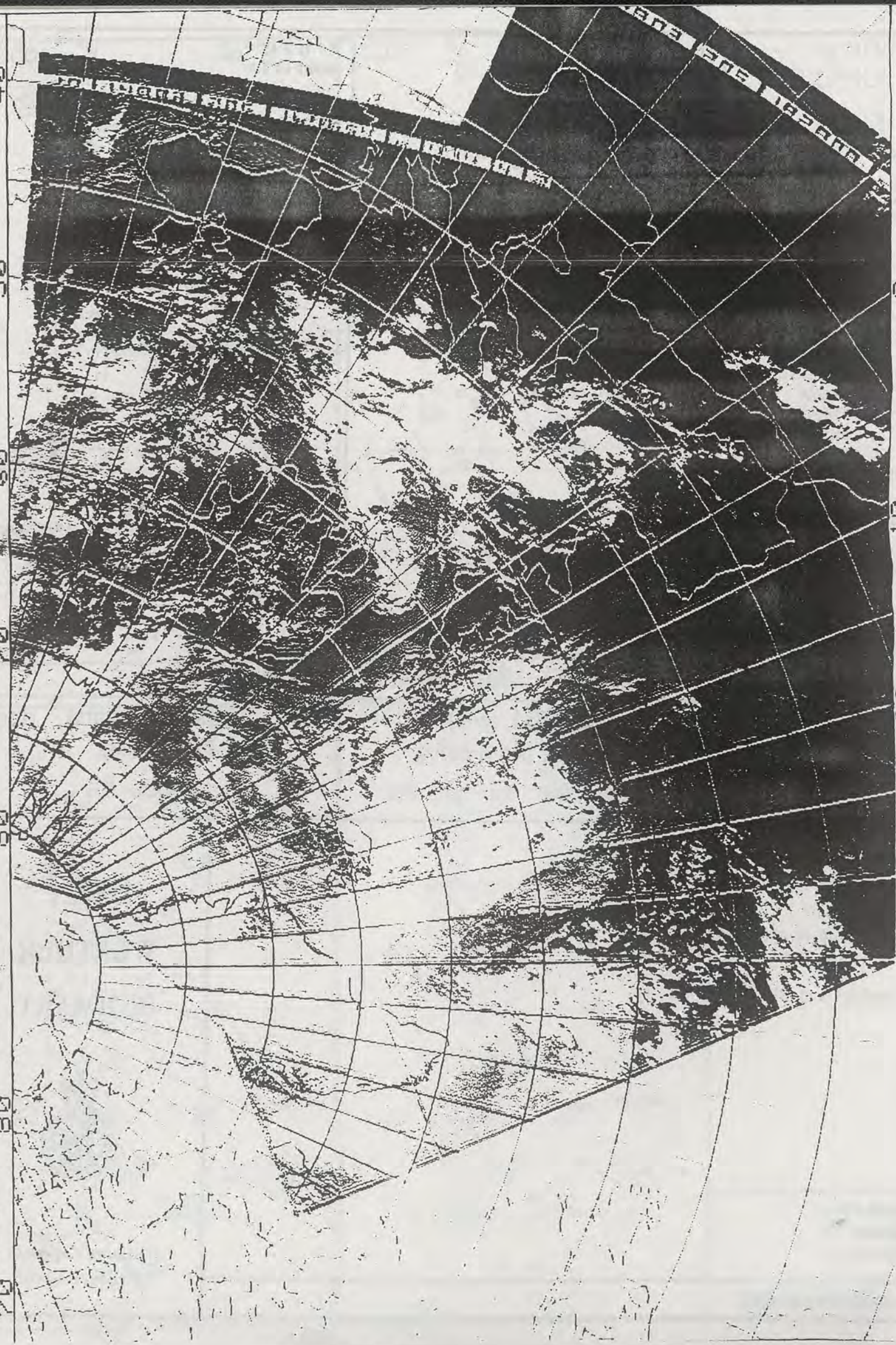
Highest maximum	:	30.9°C Great Malvern (Hereford and Worcester)
Lowest maximum	:	15.0°C Fair Isle (between Orkney and Shetland)
Lowest minimum	:	9.4°C St Harmon (Powys)
Lowest grass minimum	:	5.5°C Aberporth (Dyfed)
Most rain (24 hours from 0900 GMT)	:	1.5 mm Sloy (Strathclyde)
Most sun	:	14.5 hours Bastreet (Cornwall)

**DAILY  
WEATHER  
SUMMARY**



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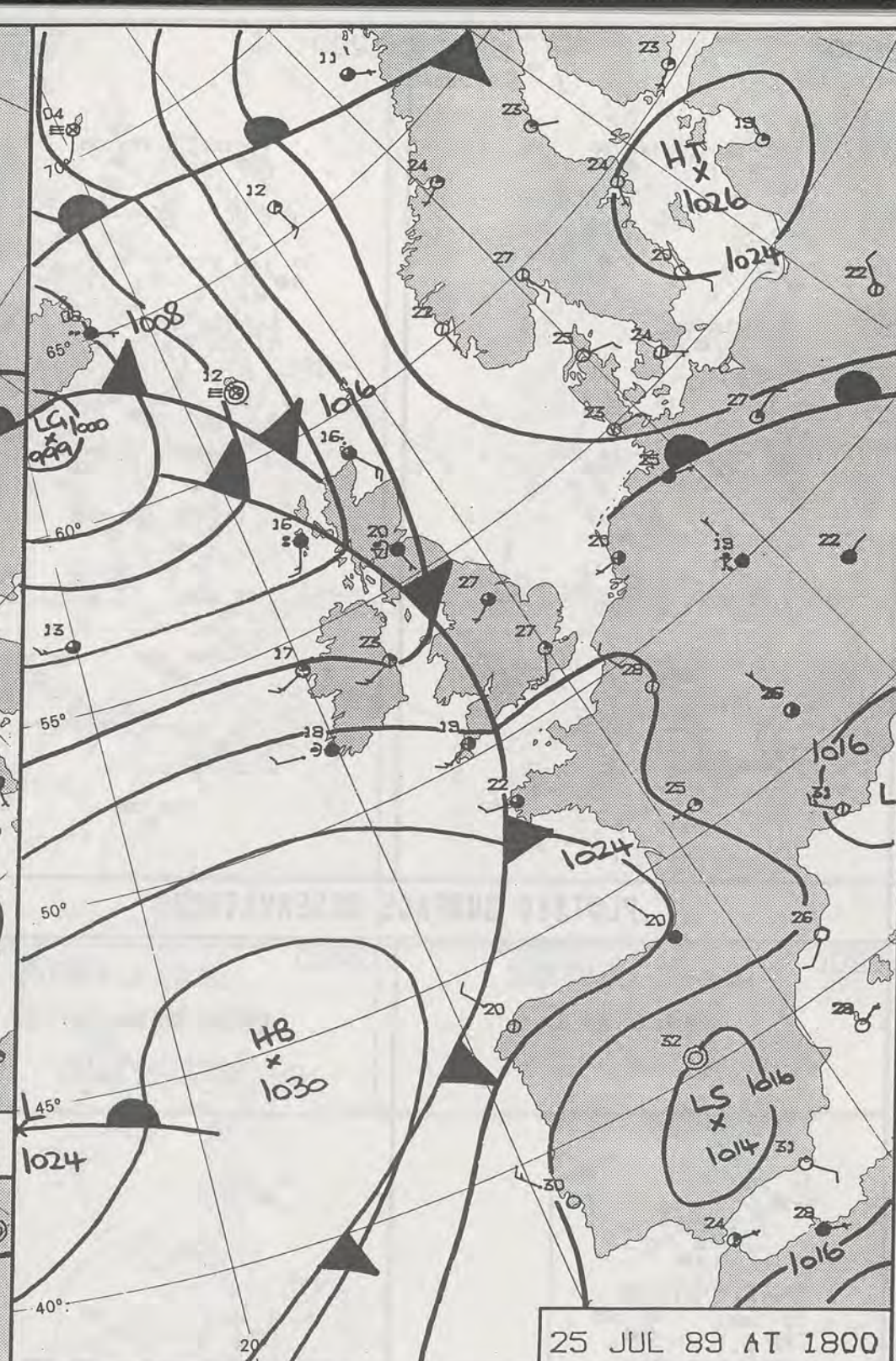
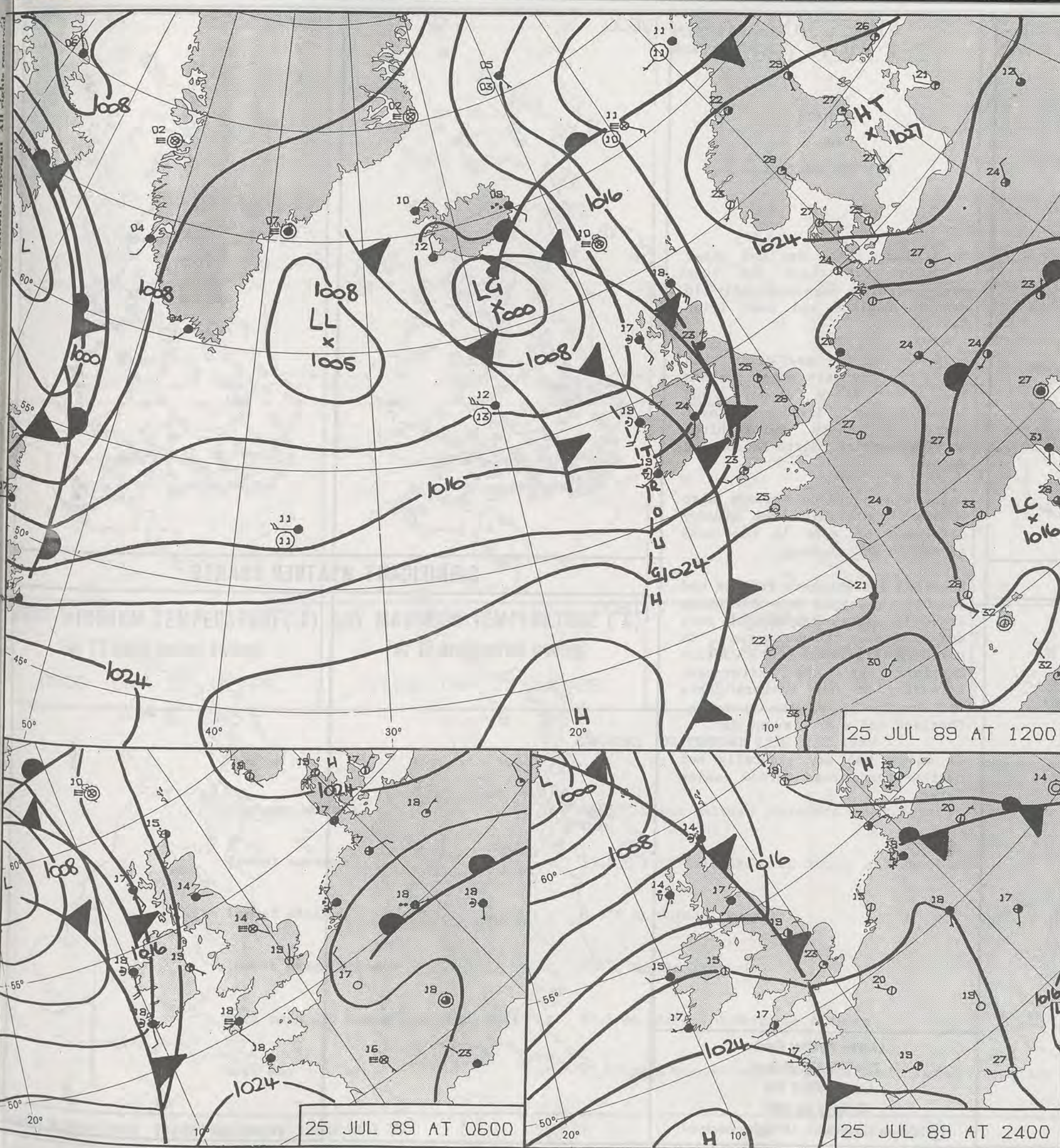




1200 24/7/89

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London Weather Centre 284-286 High Holborn London WC1V 7HX All times are GMT 500mb full lines 1000-500 mb peaked



NOT FOR LOAN

# DAILY WEATHER SUMMARY

FOR  
DUPLICATE ALSO  
TUESDAY 25 JULY 1989

London Weather Centre 284-286 High Holborn London WC1V 7HX

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WARM FRONT COLD FRONT OCCLUSION

METEOROLOGICAL OFFICE



TUESDAY  
25 JULY 1989

SUMMARY  
OF  
BRITISH WEATHER

Most places were dry and clear overnight but there was some early morning fog especially in eastern England and near Irish Sea coasts.

Most of England and Wales then had a dry day with sunny periods but some heavy showers and thunderstorms developed over parts of south Oxfordshire, Buckinghamshire, North London and Essex.

Wales and northern England also became cloudier with some showery outbreaks of rain in the late afternoon and evening.

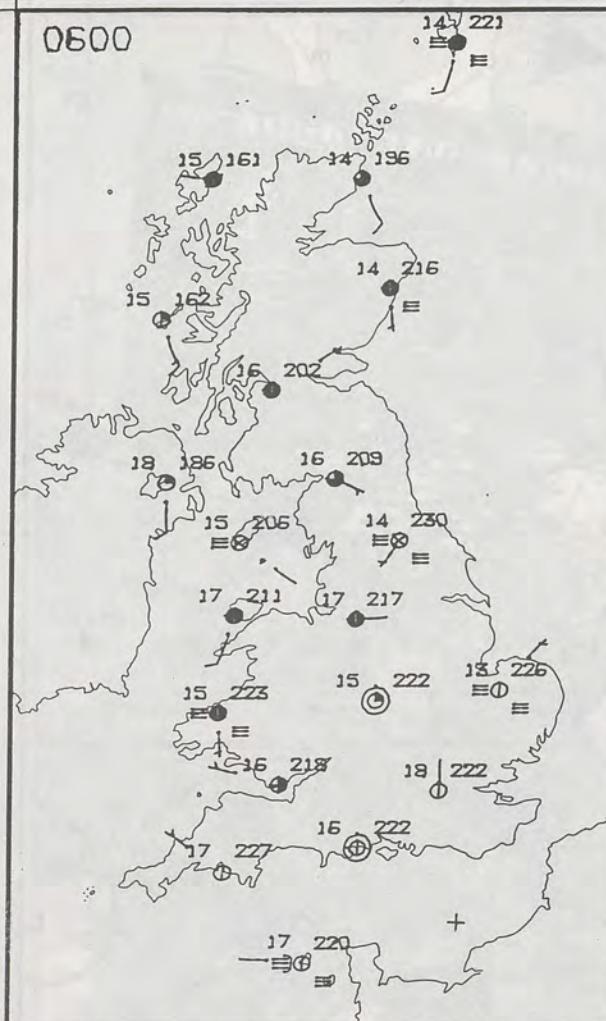
Scotland and Northern Ireland had sunshine at times but thickening cloud brought outbreaks of rain and some thunderstorms to Northern Ireland and western Scotland by the afternoon, spreading to some eastern parts of Scotland in the evening. Shetland had a dry, sunny day.

It was a hot day generally but northwestern areas turned cooler later.

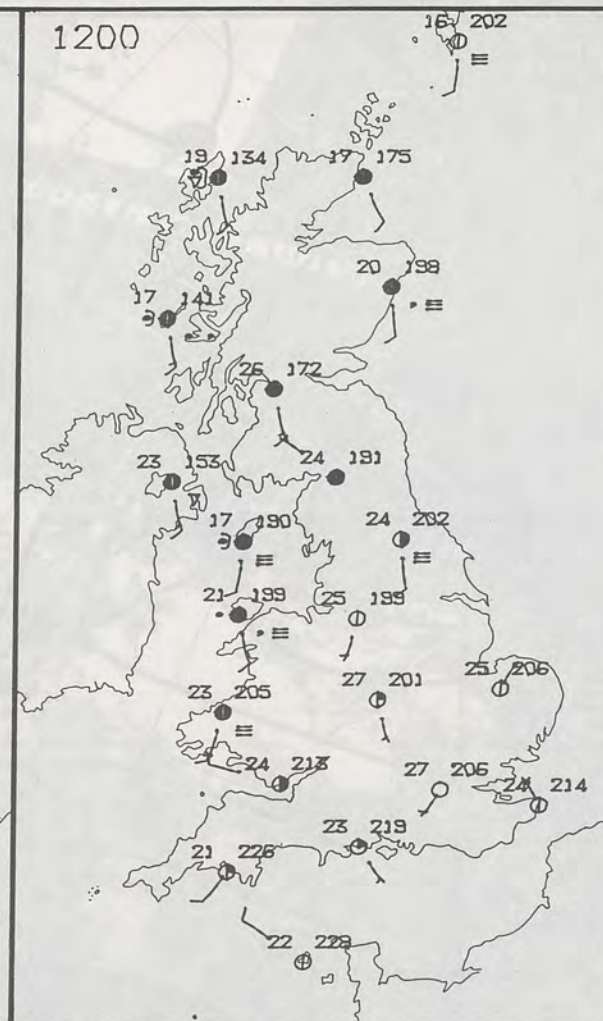
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0600

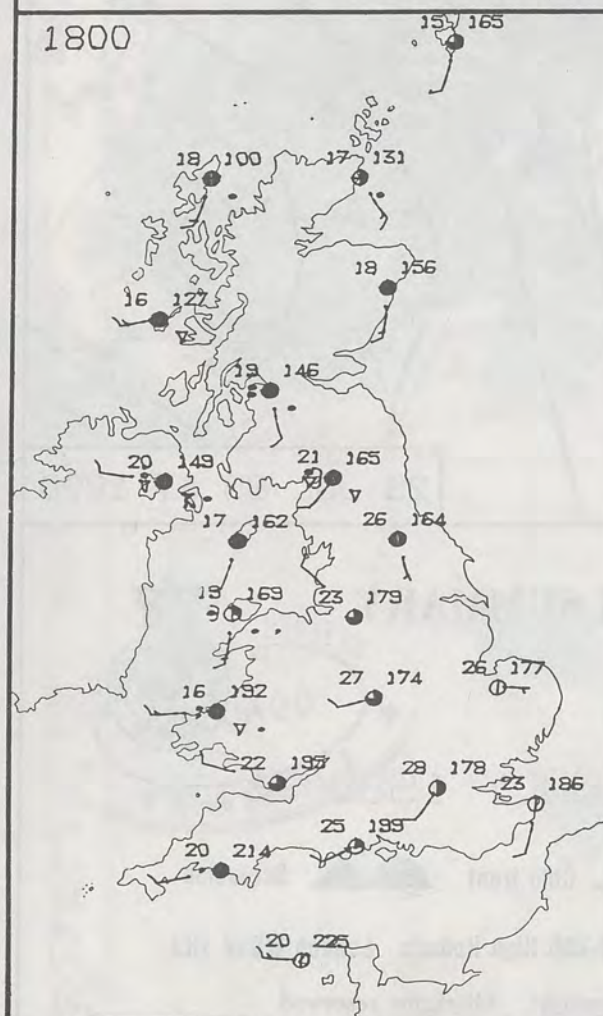


1200

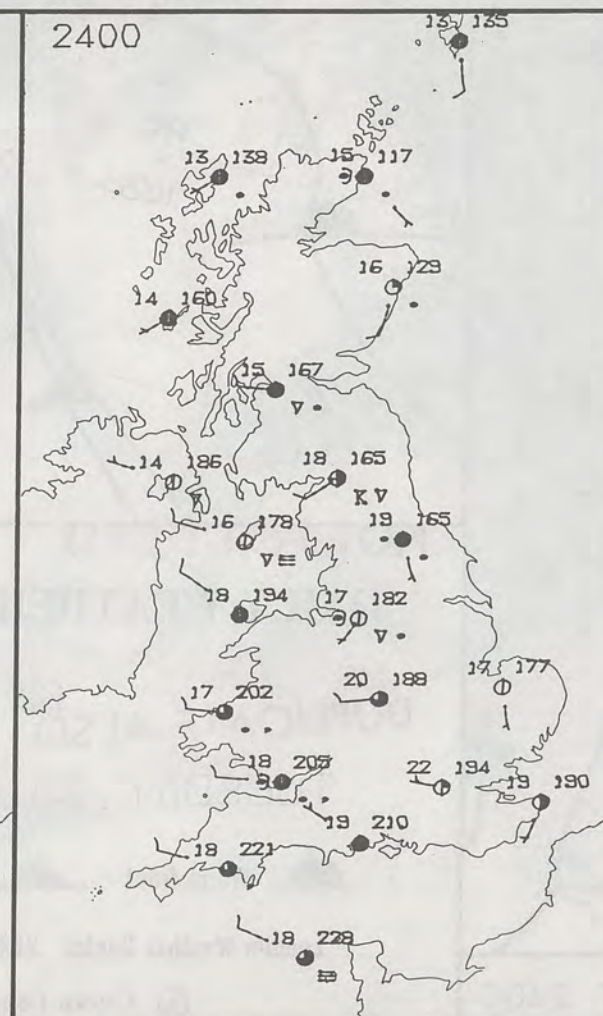


PLOTTED SURFACE OBSERVATIONS

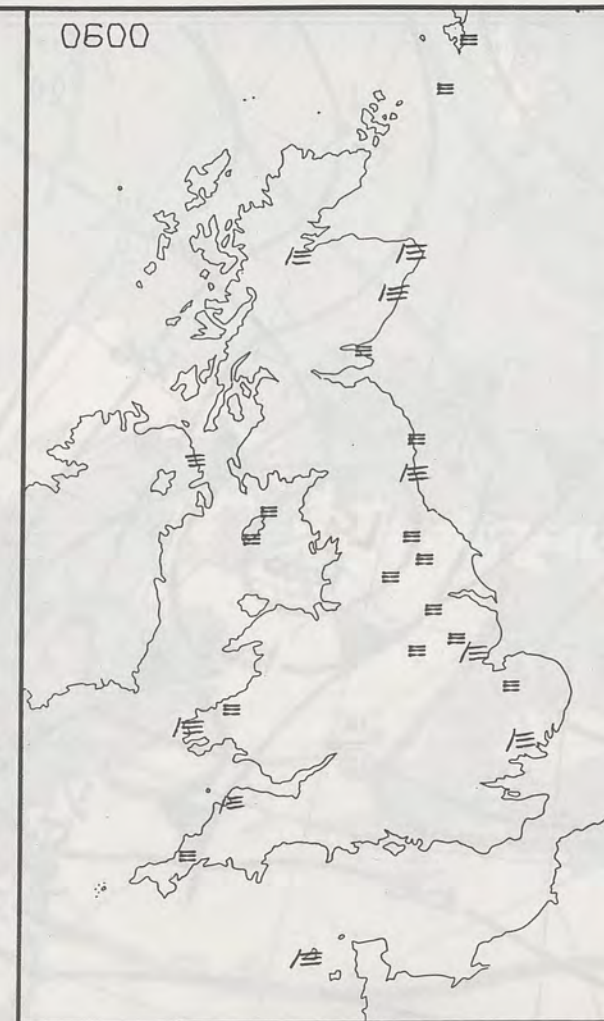
1800



2400



0600



1200

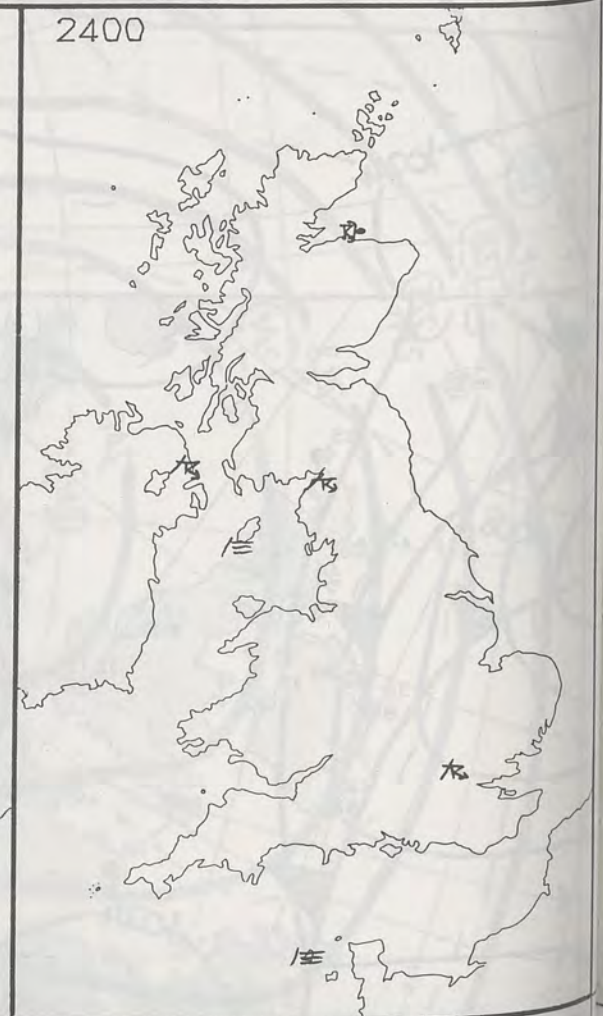


SIGNIFICANT WEATHER CHARTS

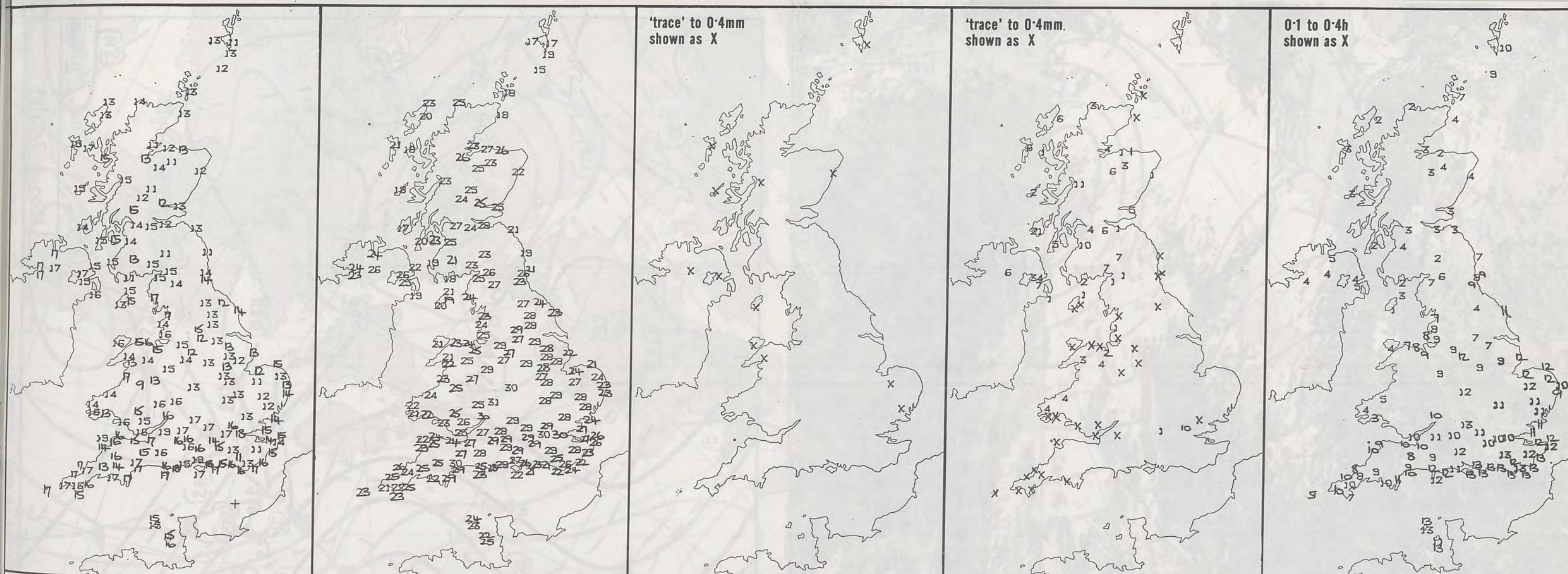
1800



2400







NIGHT MINIMUM TEMPERATURE (°C) For 12-hour period ending 0900 ON 25 JUL 89	DAY MAXIMUM TEMPERATURE (°C) For 12-hour period ending 2100 ON 25 JUL 89	RAINFALL (mm) For 12-hour period ending 0900 ON 25 JUL 89	RAINFALL (mm) For 12-hour period ending 2100 ON 25 JUL 89	SUNSHINE (hours) Dawn to dusk 25 JUL 89
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**EXTREMES FOR TUESDAY 25TH JULY 1989**

Highest maximum	: 30.9°C Great Malvern (Hereford & Worcester)
Lowest maximum	: 15.0°C Fair Isle (Between Orkney and Shetland)
Lowest minimum	: 8.9°C St Harmon (Powys)
Lowest grass minimum	: 6.4°C Marham (Norfolk)
Most rain (24 hours from 0900 GMT)	: 35.5 mm Belfast/Aldergrove Airport
Most sun	: 13.5 hours Bognor Regis (West Sussex), Jersey/St Helier (Channel Islands)

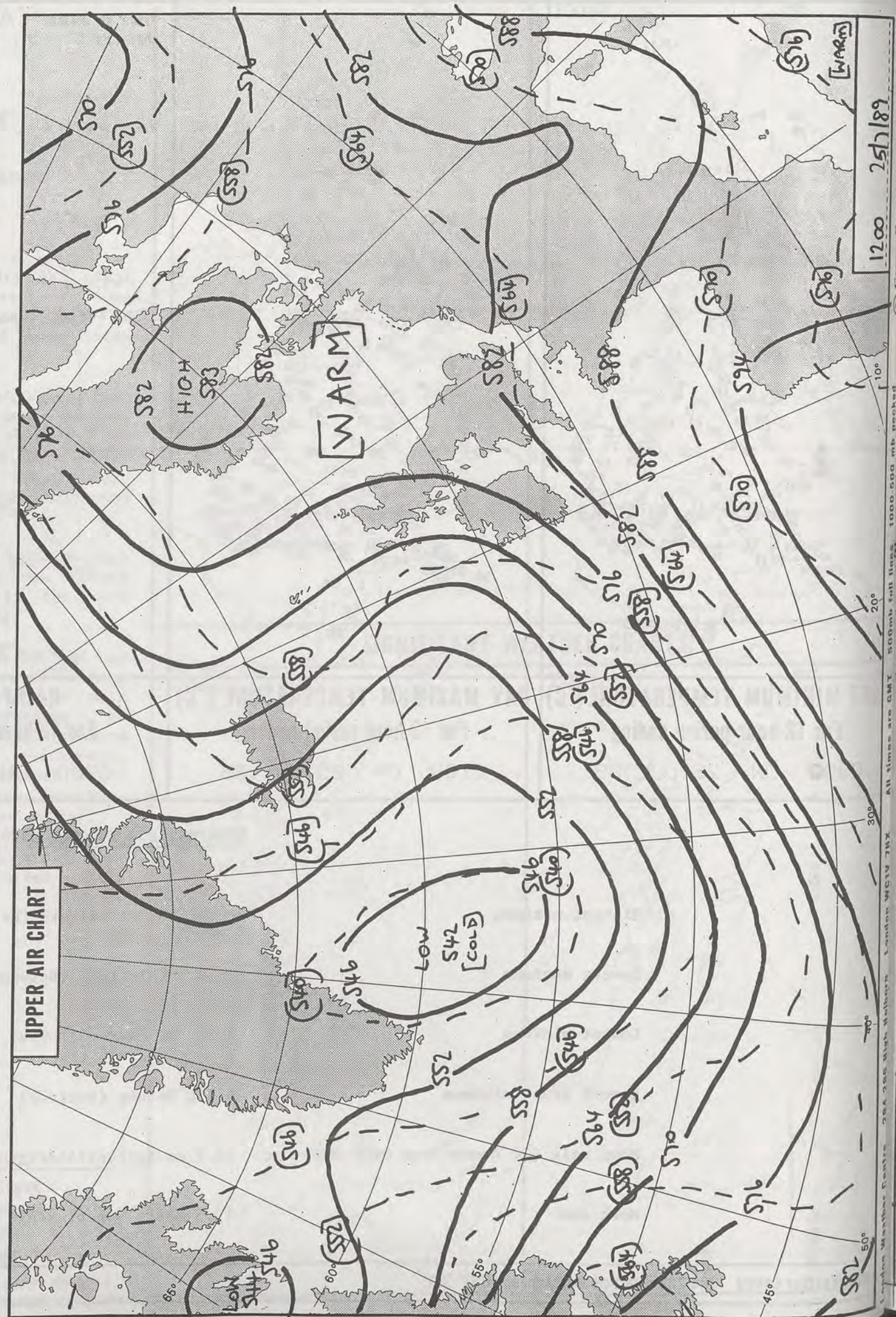
**DAILY  
WEATHER  
SUMMARY**



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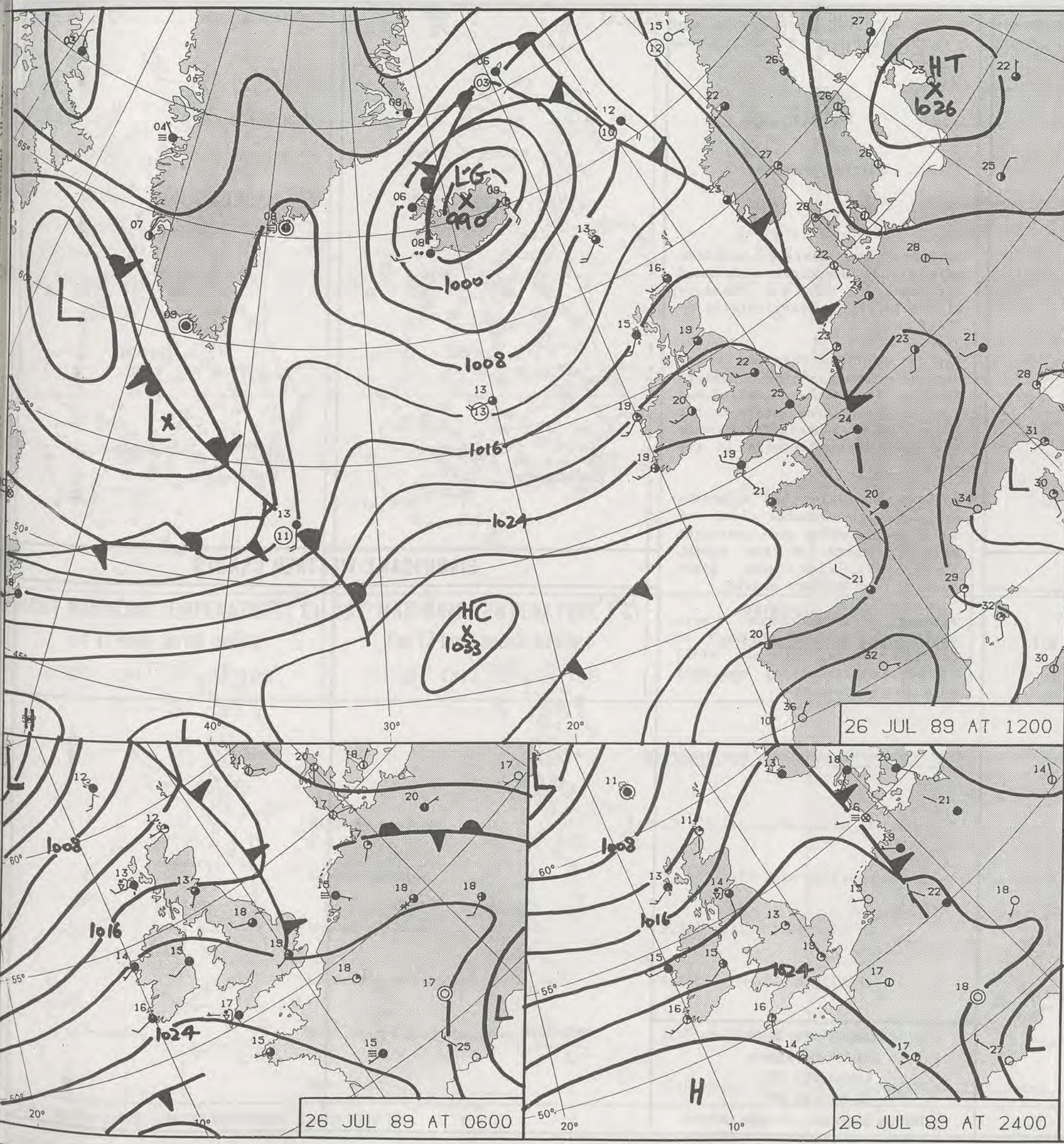


1332Z VLS 25/7/89



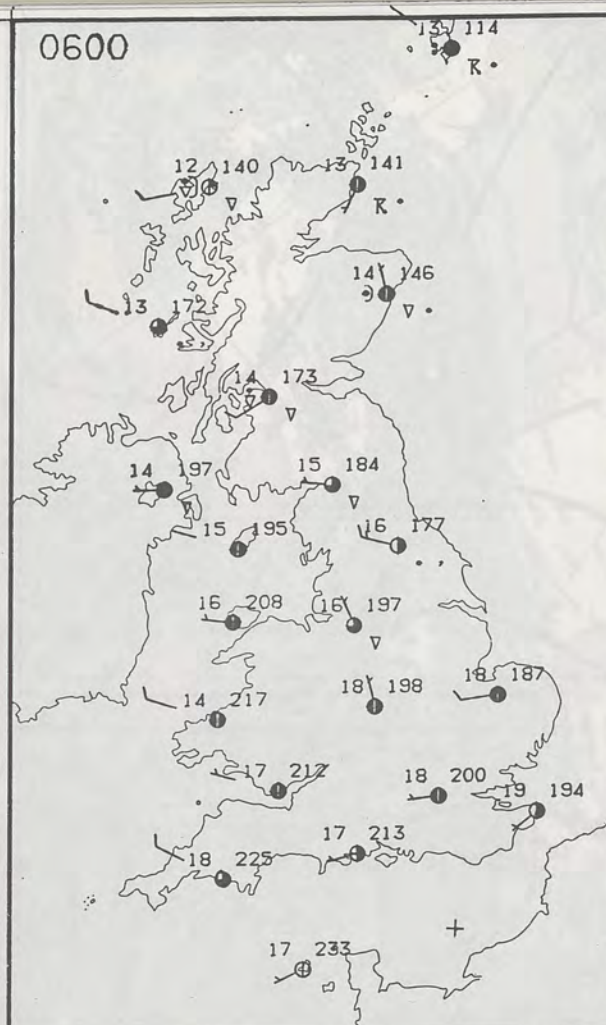


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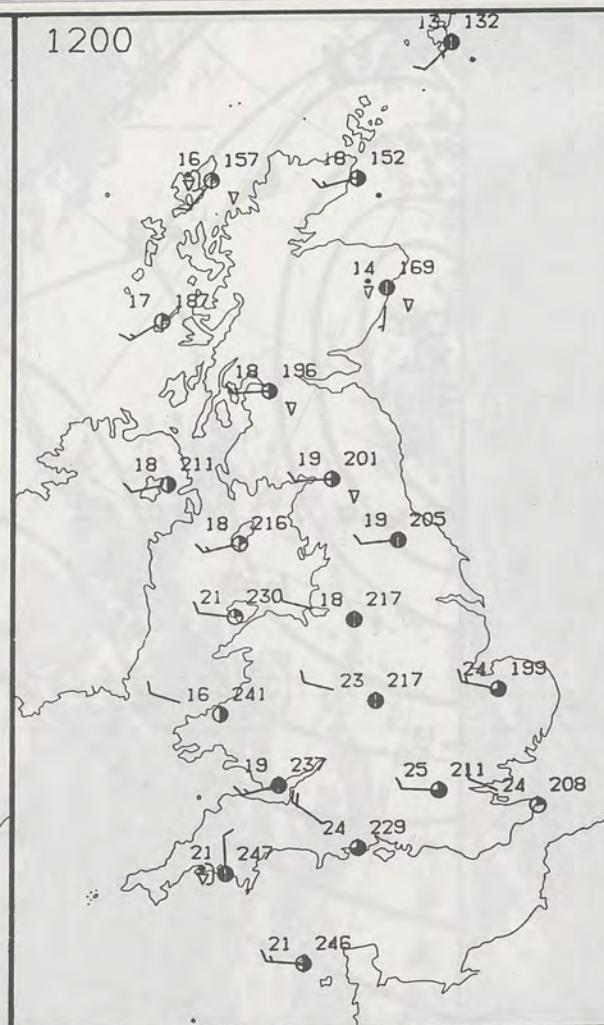




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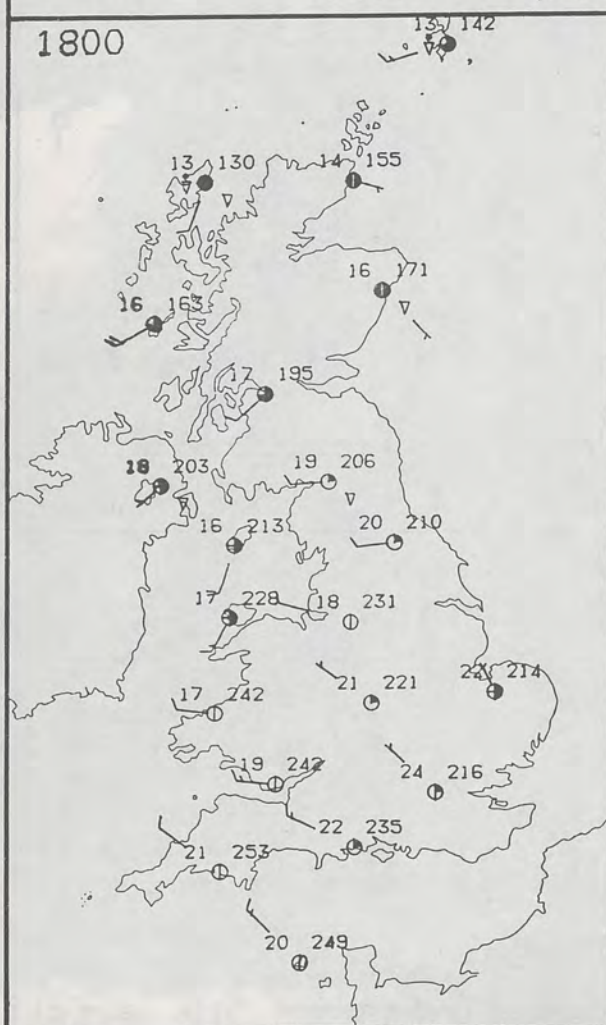


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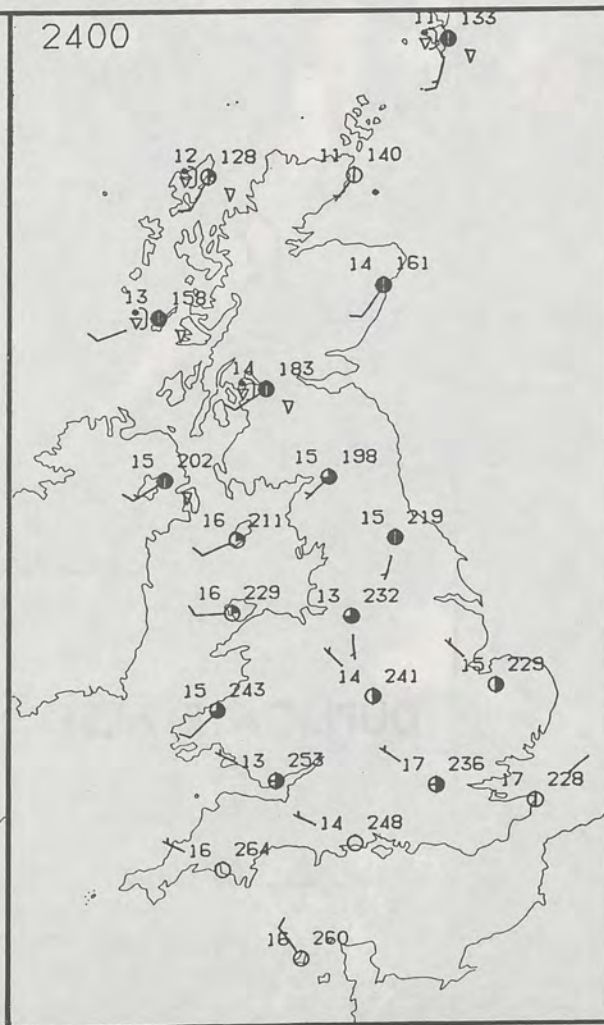


## PLOTTED SURFACE OBSERVATIONS

1800



2400

WEDNESDAY  
26 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

Northern and eastern Scotland were cloudy overnight with some outbreaks of rain and thunderstorms in places, particularly on Shetland.

Eastern Scotland then had a dry day with some sunshine. Western Scotland and Northern Ireland had some clear or sunny intervals but there were also scattered showers with some heavy showers in the evening.

England and Wales had a mostly dry day with variable cloud and sunny spells after some overnight rain in parts of the north. There were also some light showers near western coasts.

Although temperatures were noticeably cooler than on preceding days, it was still rather warm generally and very warm in the southeast.

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London WC1V 7HX  
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0600



1200



## SIGNIFICANT WEATHER CHARTS

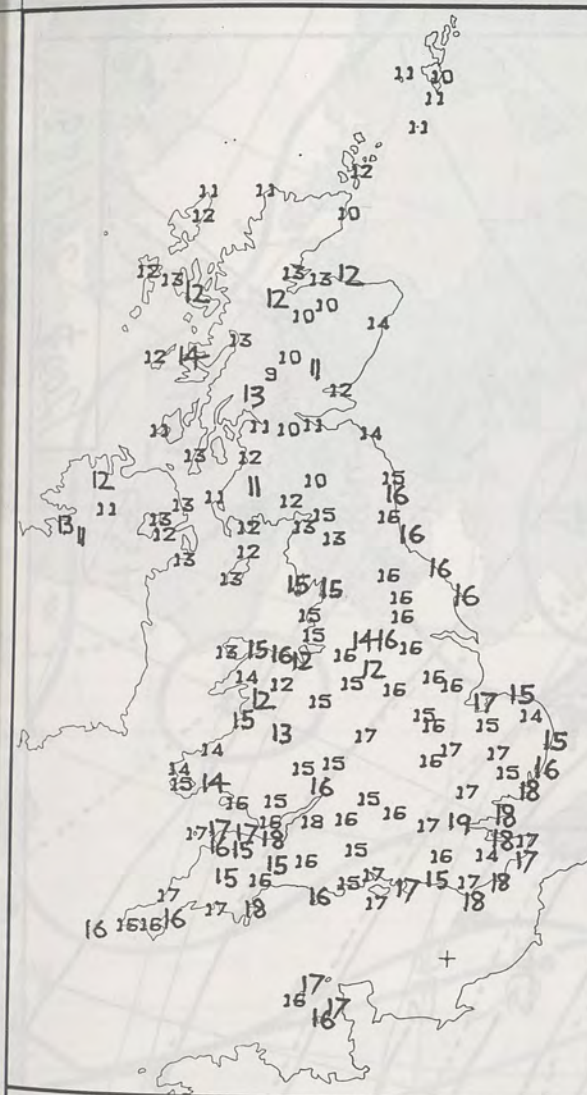
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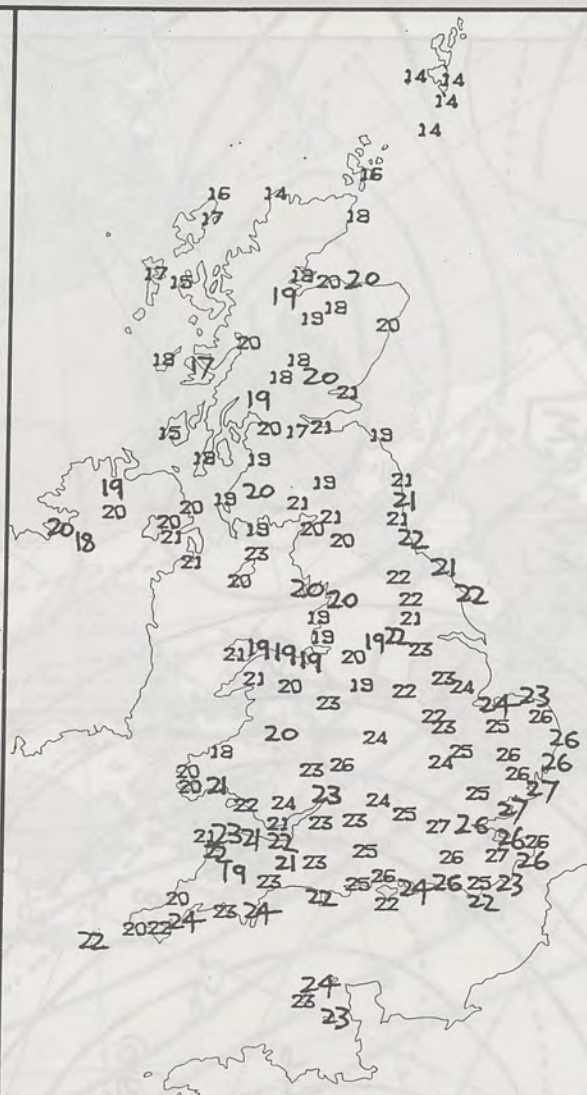
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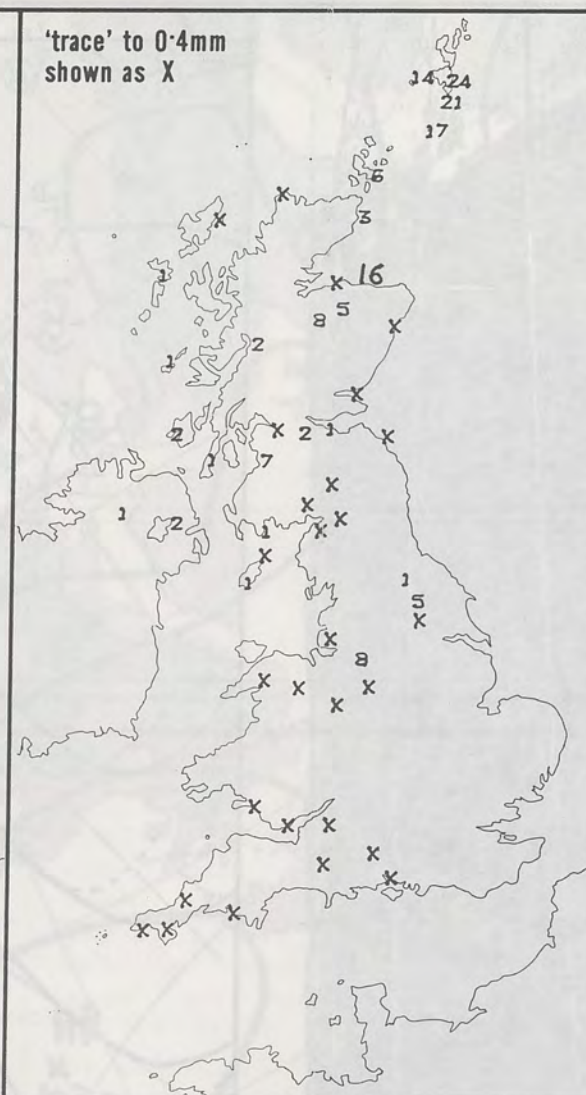




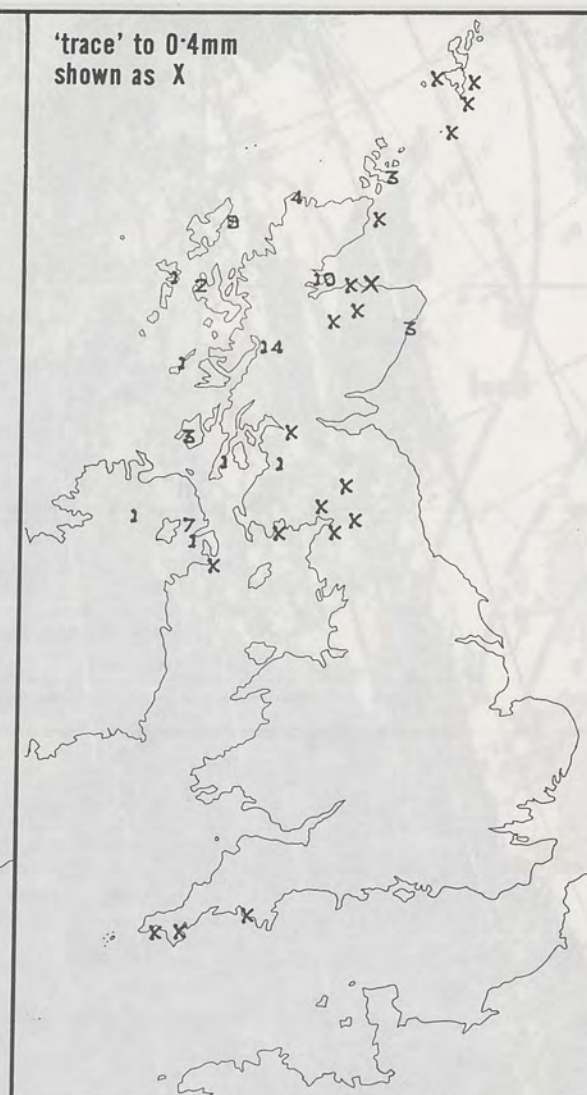
**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 26 JUL 89



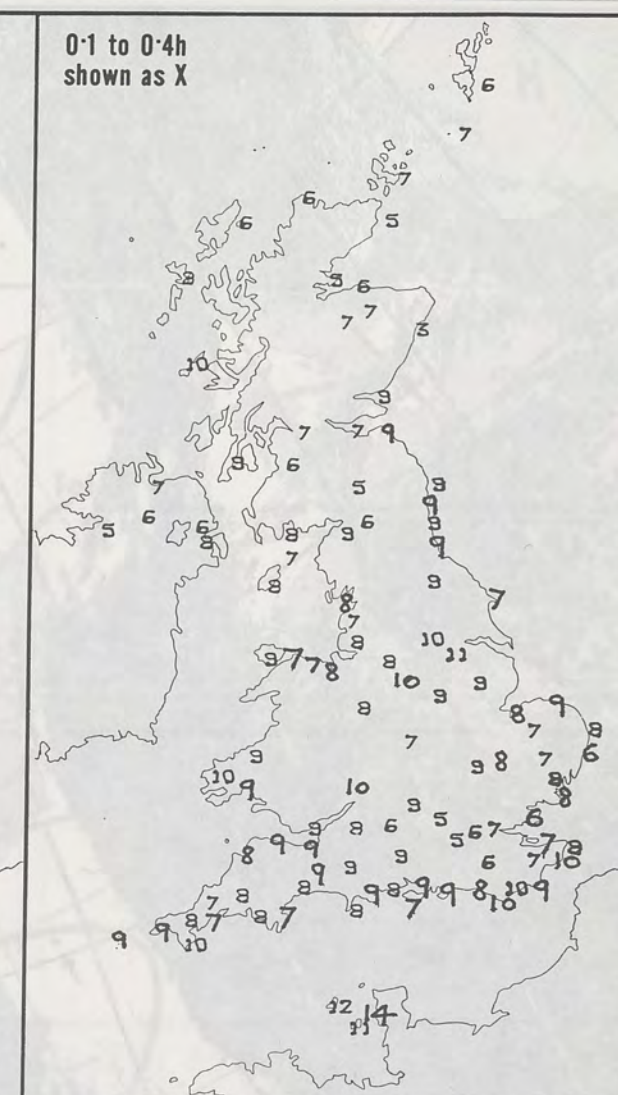
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 26 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 26 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 26 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
26 JUL 89

**EXTREMES FOR WEDNESDAY 26TH JULY 1989**

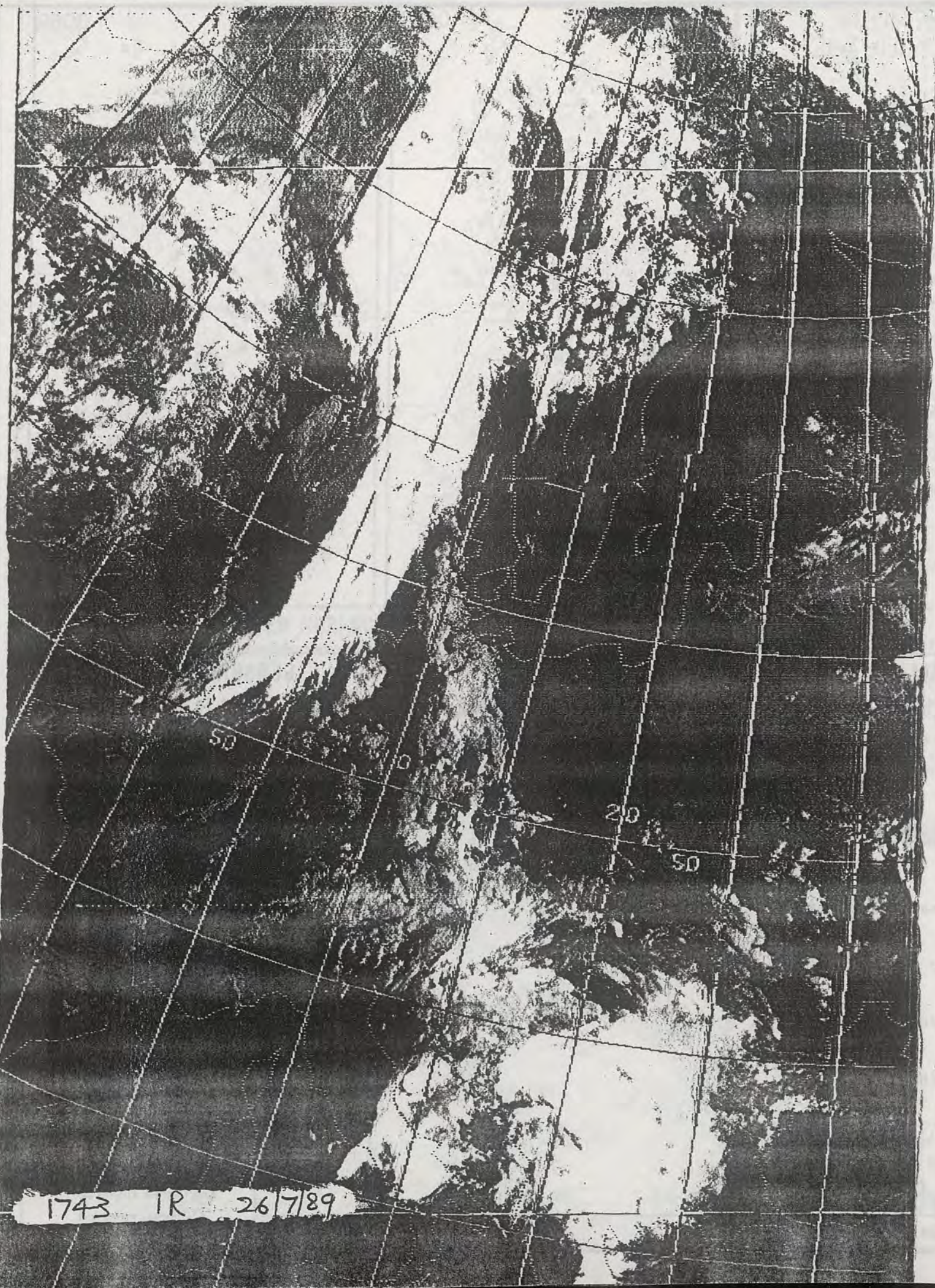
Highest maximum	: 27.4°C London/Heathrow Airport
Lowest maximum	: 13.9°C Fair Isle (between Orkney and Shetland)
Lowest minimum	: 9.5°C Killin (Central)
Lowest grass minimum	: 6.5°C Aviemore (Highland)
Most rain (24 hours from 0900 GMT)	: 37.8 mm Fort William (Highland)
Most sun	: 13.6 hours Jersey/St Helier (Channel Islands)

**DAILY  
WEATHER  
SUMMARY**

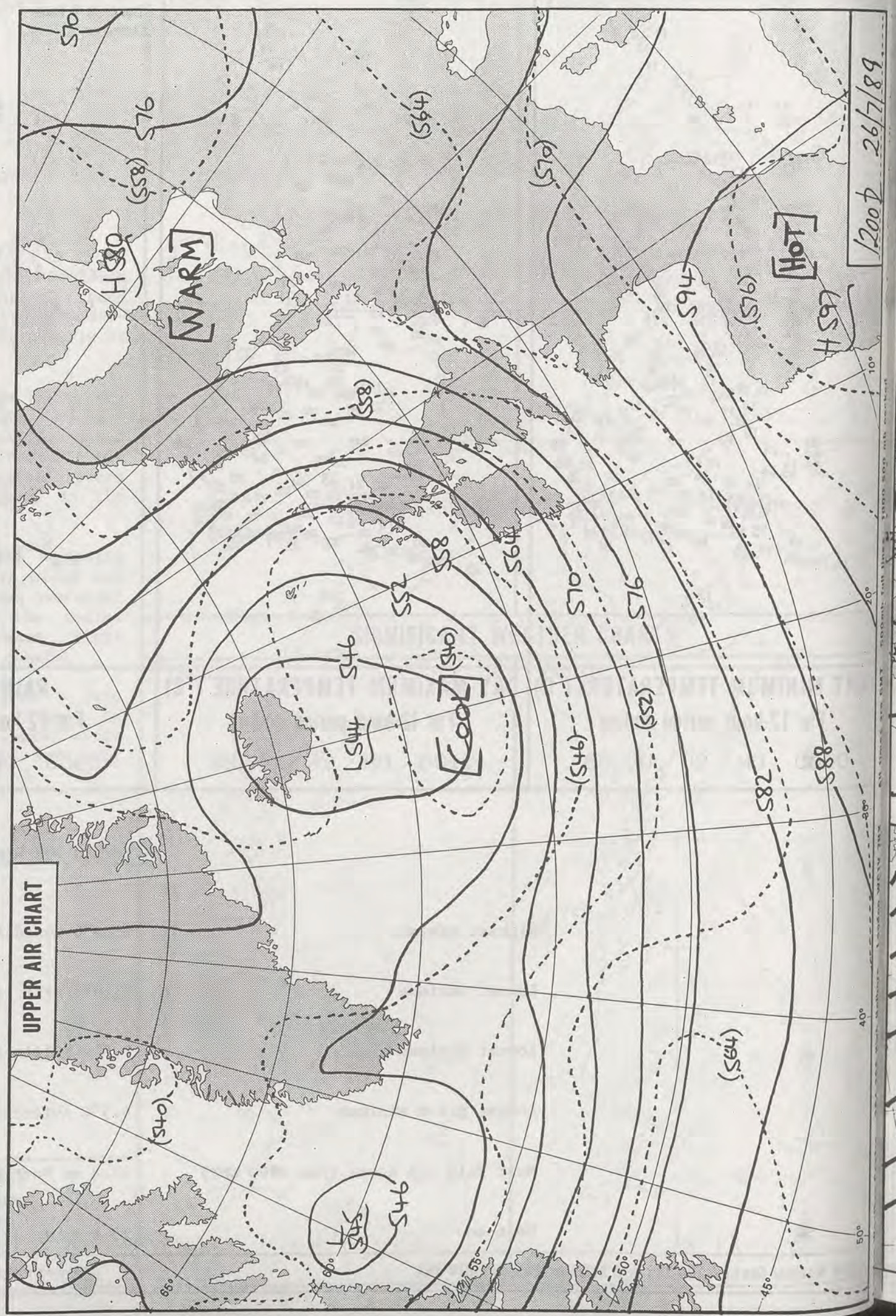


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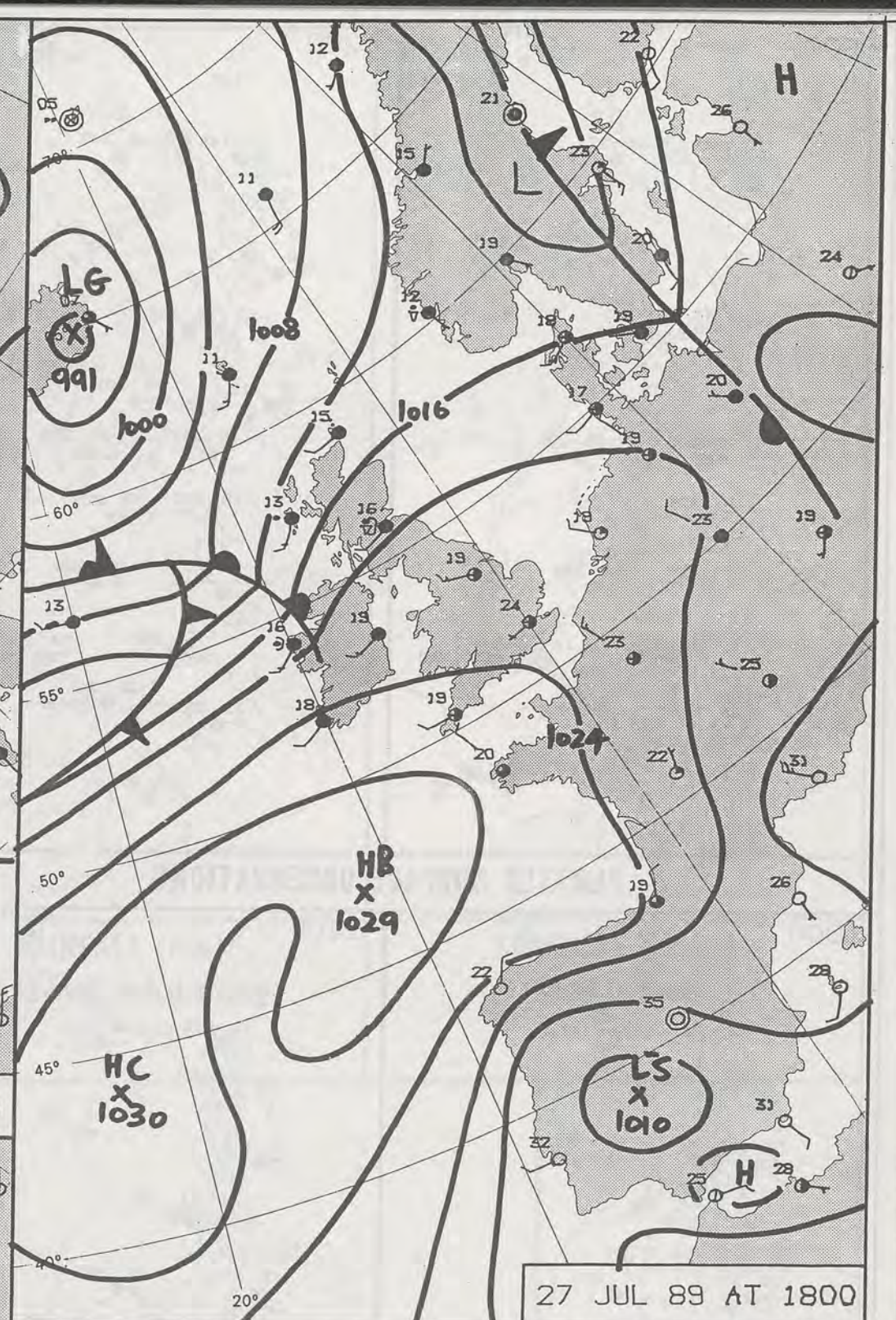
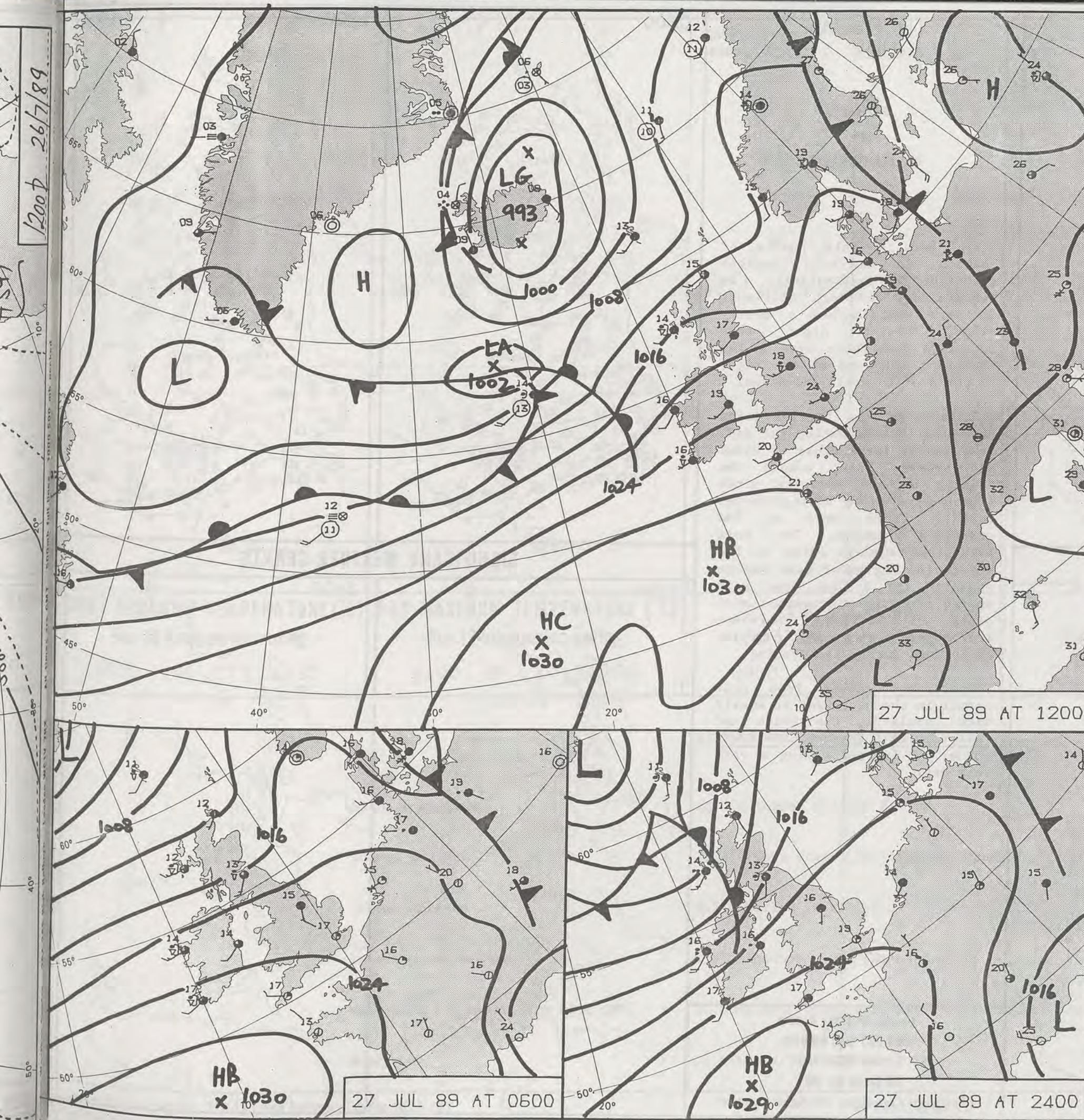
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NOT FOR LOAN  
DAILY WEATHER SUMMARY

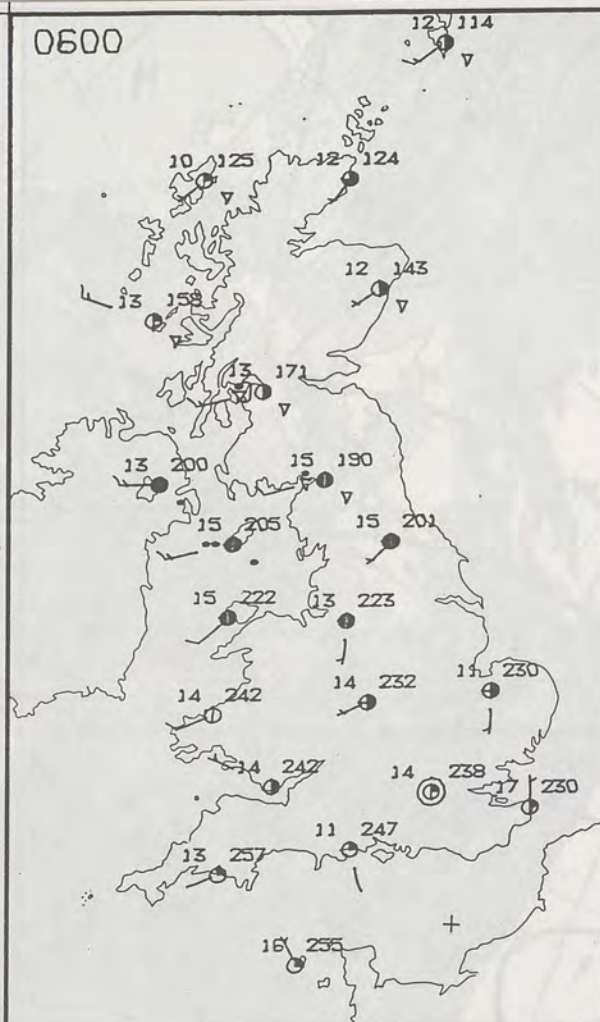
DUPLICATE ALSO FOR  
THURSDAY 27 JULY 1989

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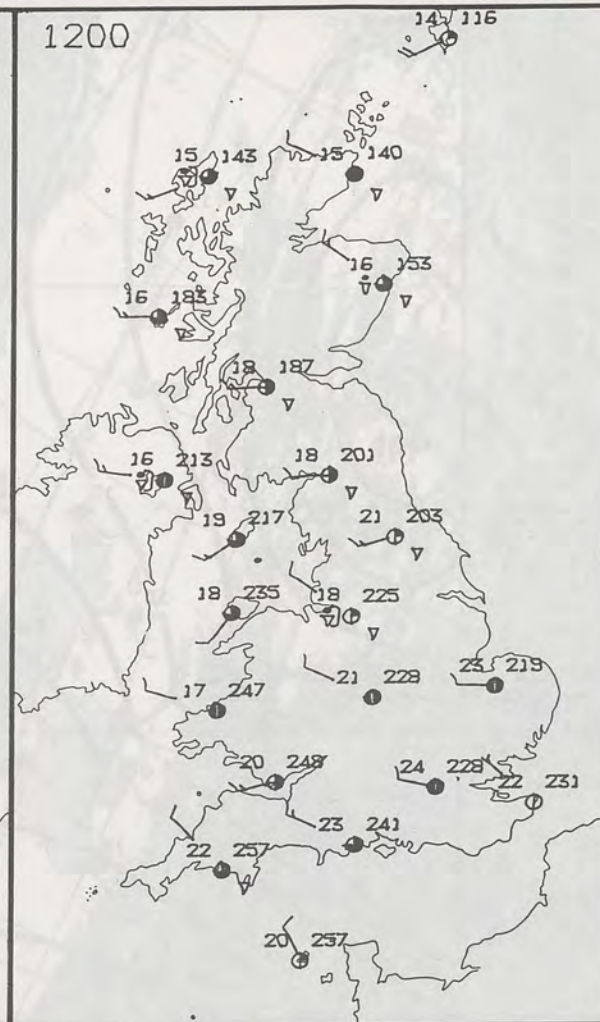




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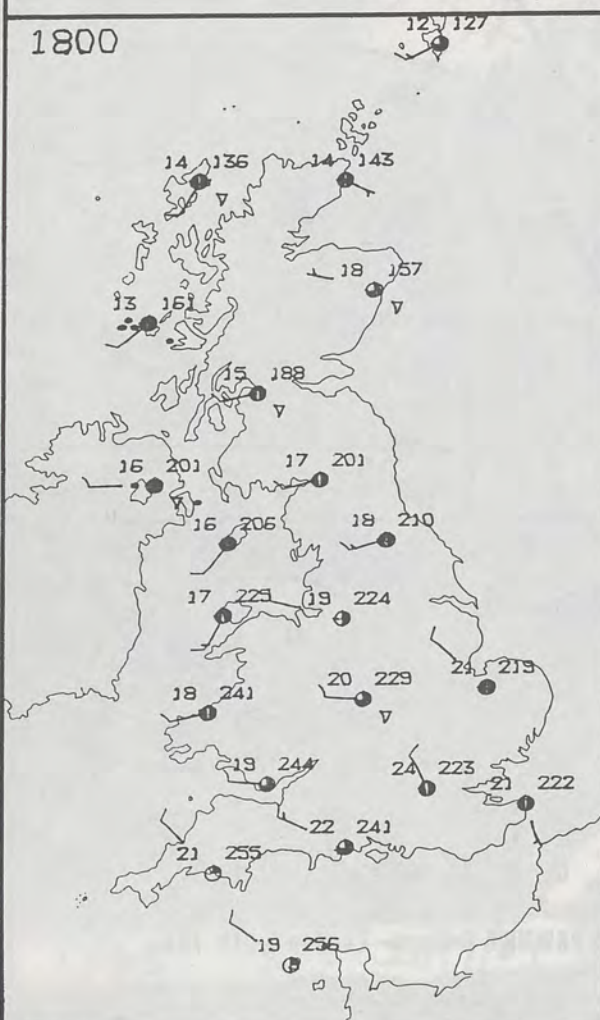


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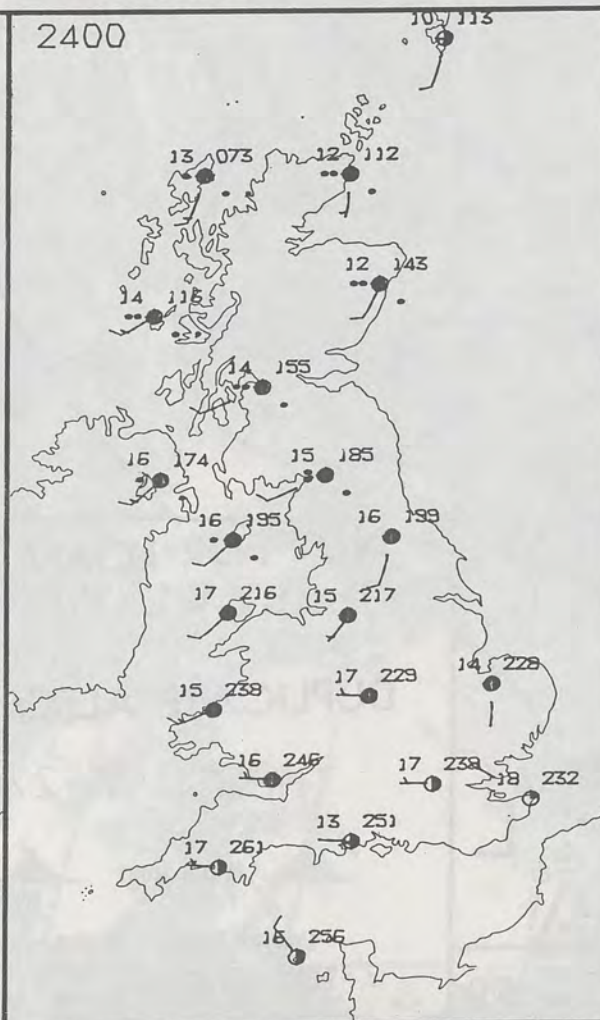


## PLOTTED SURFACE OBSERVATIONS

1800



2400

THURSDAY  
27 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

There were a fair number of showers in northern regions overnight, particularly in western and northern Scotland. Southern Britain had a mostly clear, cooler night than recently, but there were a few showers at the end of the night in parts of Cornwall and Devon.

All parts of the British Isles had sunny spells during the day. Some rather large areas of cloud did however drift across the country on the westerly winds (which were quite strong in the north). There were a few scattered showers. The more persistent showers early in the day in the northwest gave way to sunshine for a time, but rain spread from the west across many parts of Scotland, Northern Ireland and northernmost counties of England during the evening.

Temperatures ranged from near normal in the northwest to mostly warm levels in the south and east, with the southeastern corner of England having a very warm day.

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London WC1V 7HX  
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0600



1200



## SIGNIFICANT WEATHER CHARTS

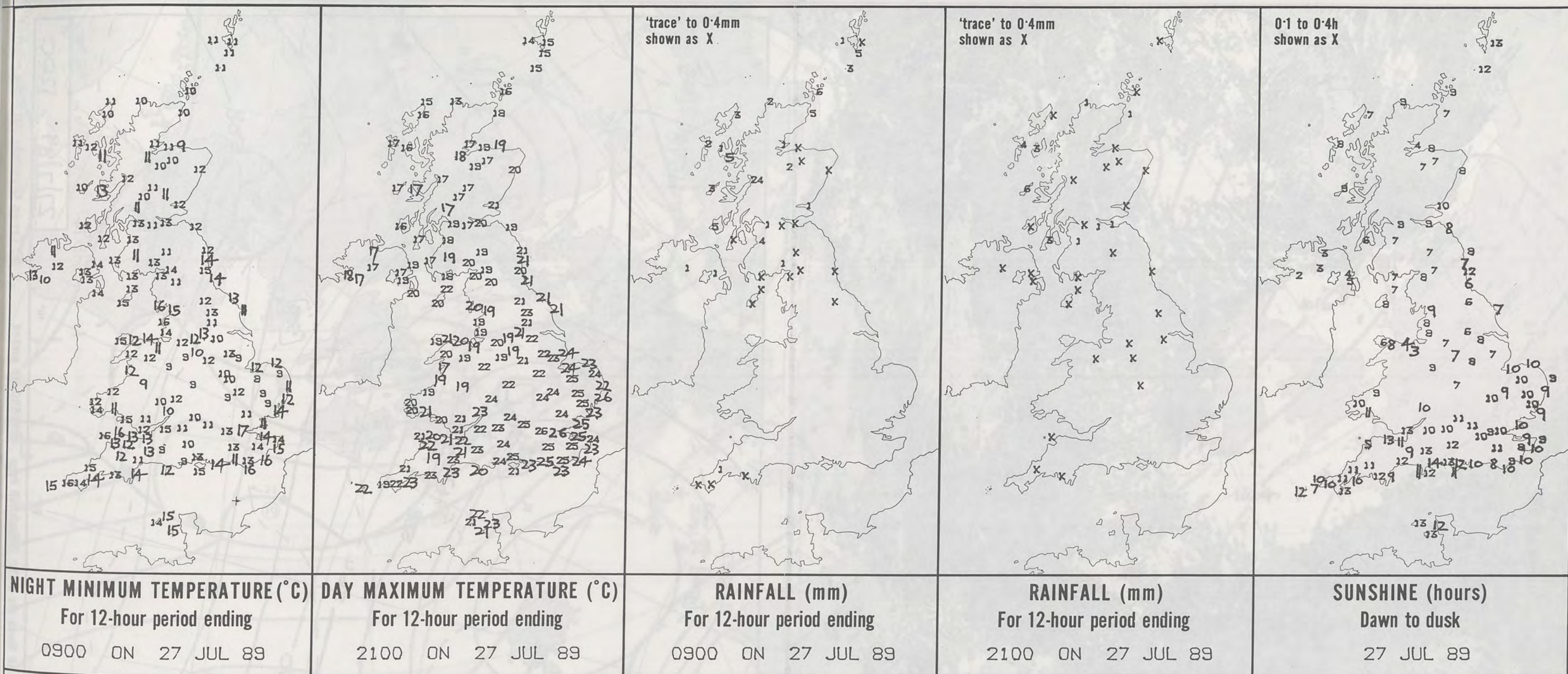
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2400







**EXTREMES FOR THURSDAY 27TH JULY 1989**

Highest maximum	: 26.4°C London Weather Centre
Lowest maximum	: 13.3°C Cape Wrath (Northern Scotland)
Lowest minimum	: 8.1°C Marham (Norfolk)
Lowest grass minimum	: 1.8°C Boscombe Down (Wiltshire)
Most rain (24 hours from 0900 GMT)	: 21.6 mm Broadford (Isle of Skye, Inner Hebrides)
Most sun	: 13.6 hours Bournemouth (Dorset)

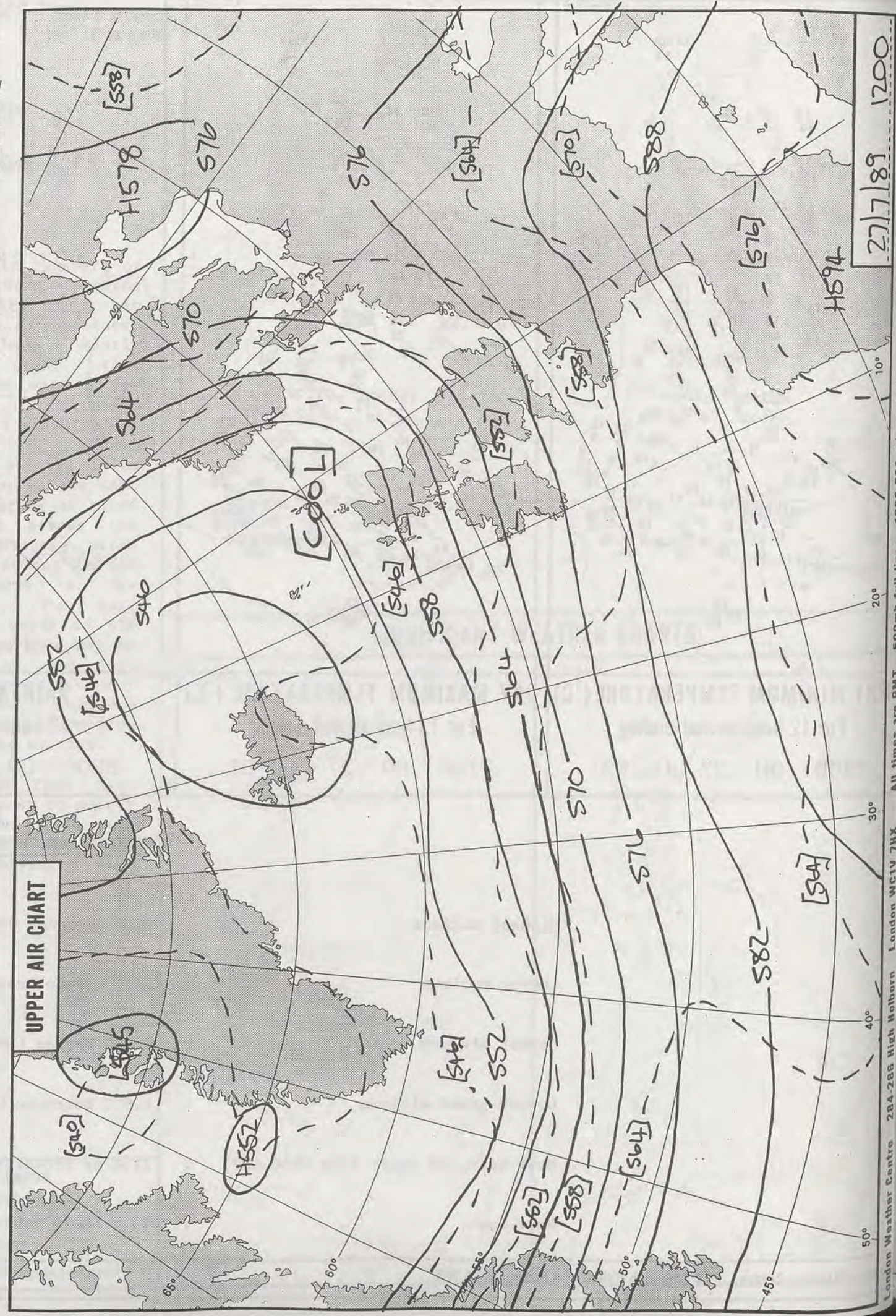
**DAILY  
WEATHER  
SUMMARY**



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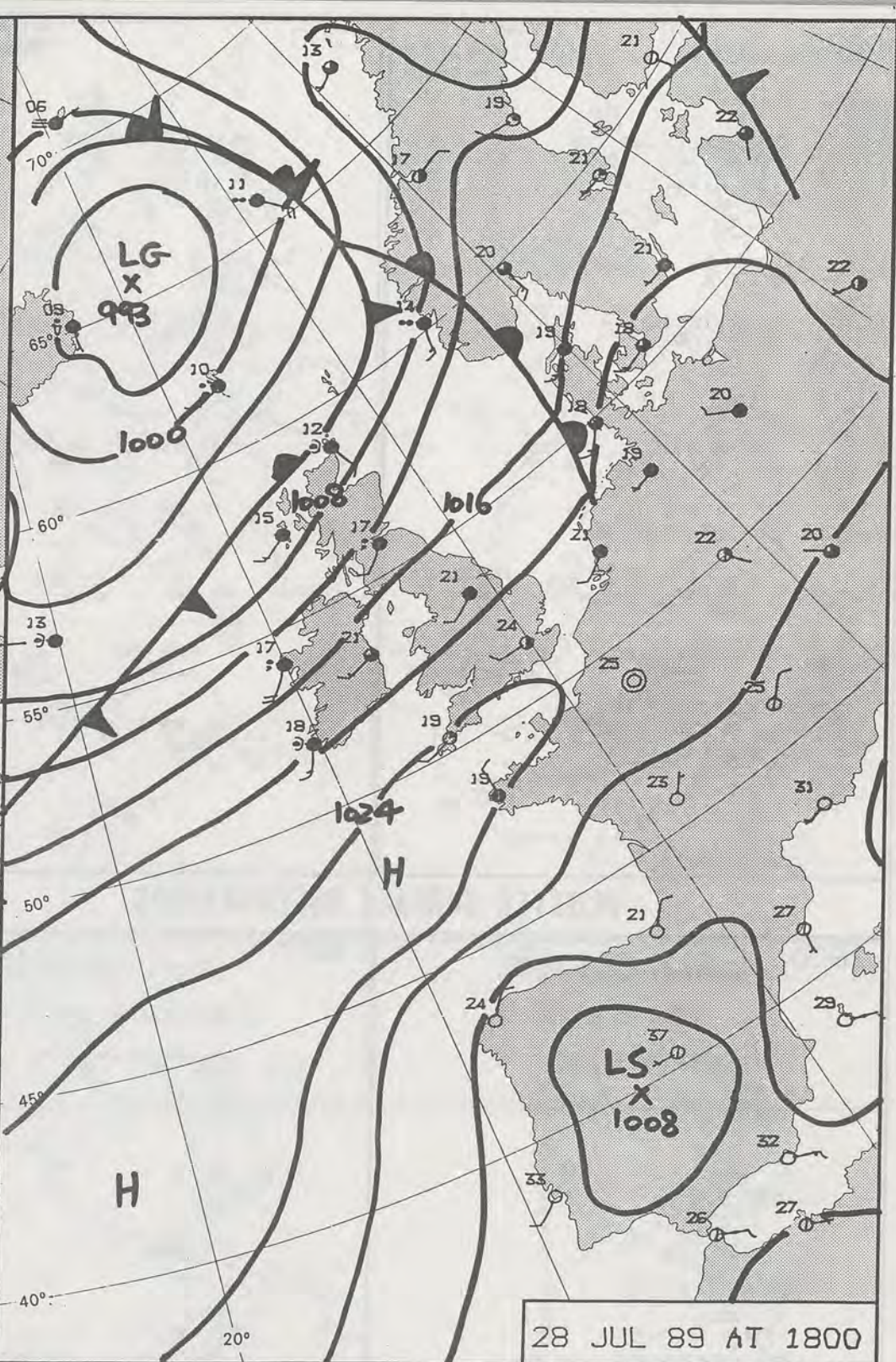
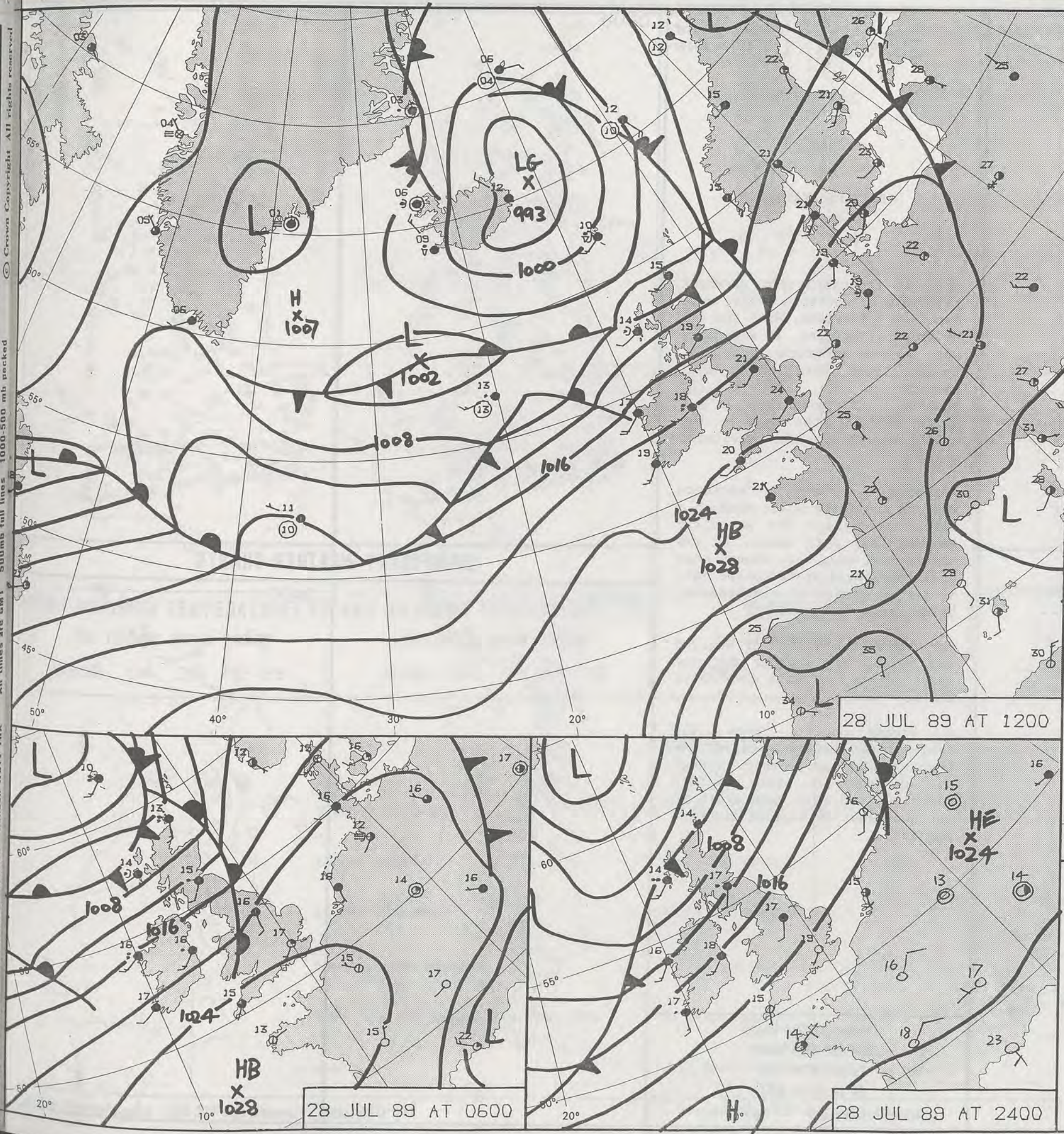


211Z VIS 27/7/89





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London Weather Centre 284-286 High Holborn London WC1V 7HX All times are GMT 500mb full lines 1000-500 mb packed  
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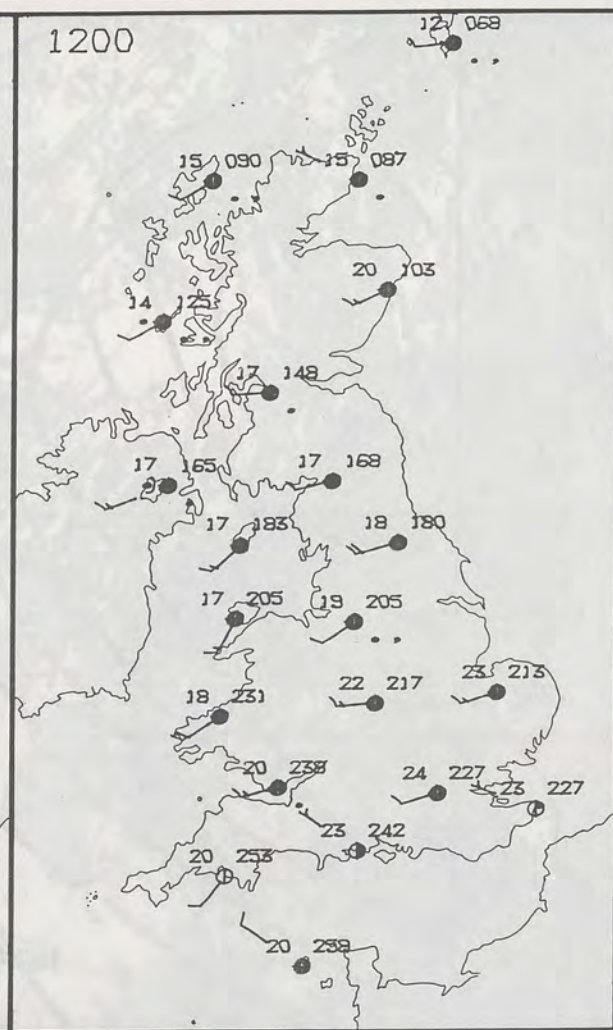
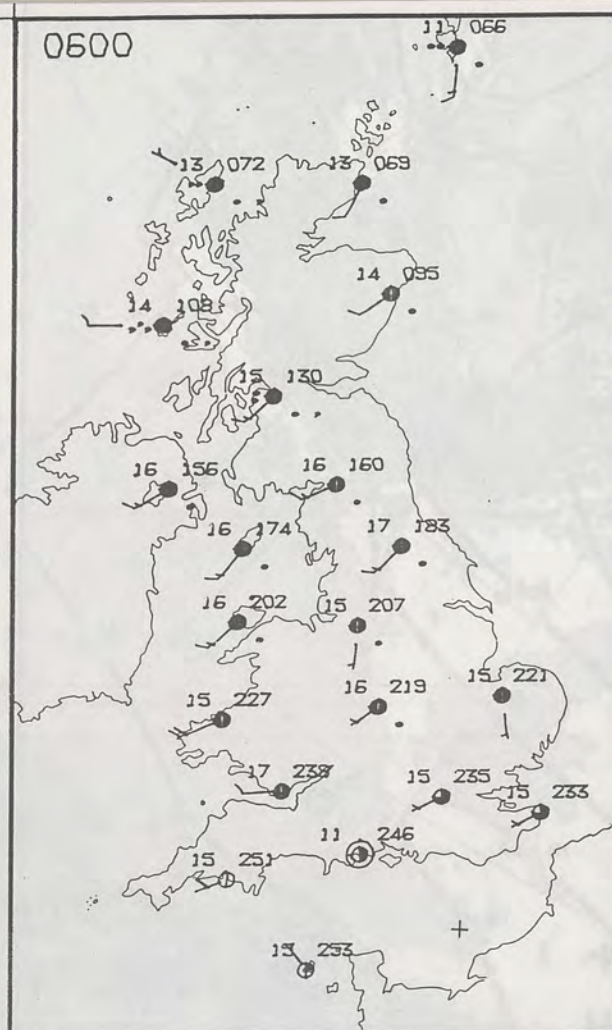


NOT FOR LOAN  
DAILY WEATHER SUMMARY  
FOR  
DUPLICATE ALSO  
FRIDAY 28 JULY 1989

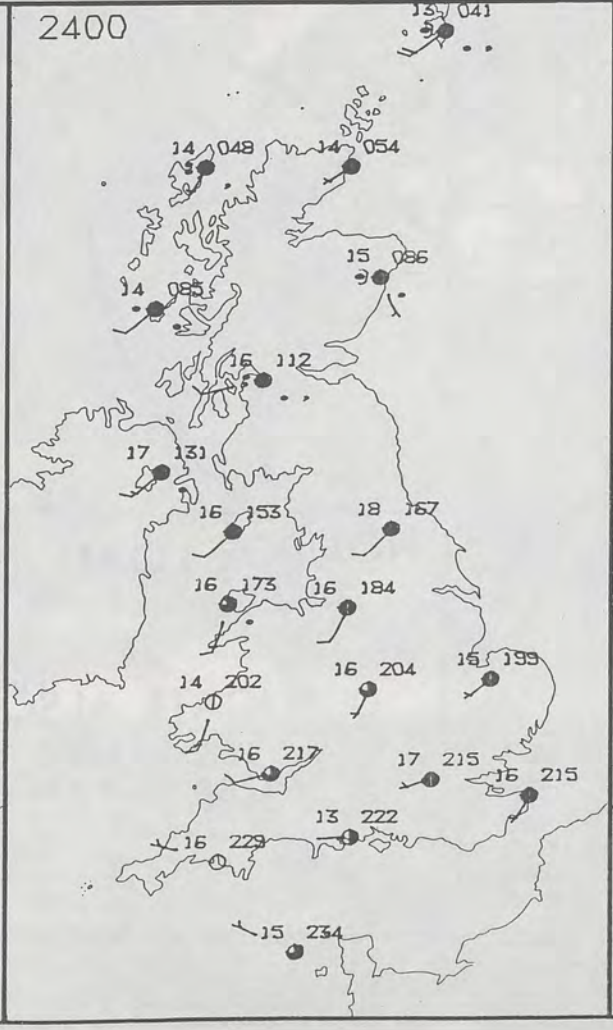
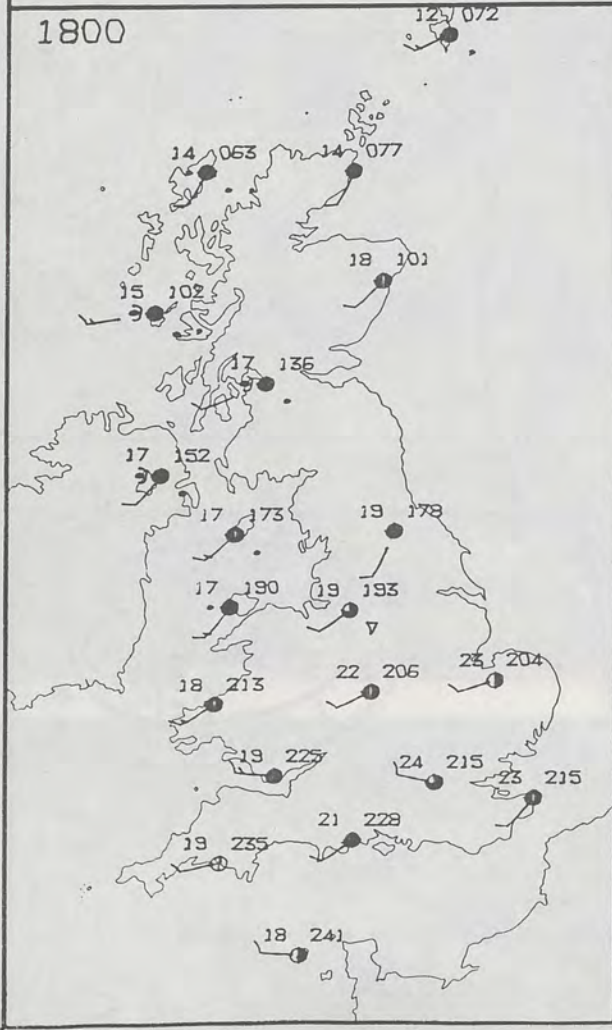
London Weather Centre 284-286 High Holborn London WC1V 7HX  
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Legend:  
Warm front (line with semi-circles)  
Cold front (line with triangles)  
Occlusion (line with semi-circles and triangles)





**PLOTTED SURFACE OBSERVATIONS**



FRIDAY  
28 JULY 1989

**SUMMARY  
OF  
BRITISH WEATHER**

Atlantic frontal systems brought rain to most northern areas, more especially Scotland. With the air of tropical origins, it was quite wet across western Scotland, though there were only small amounts to the east, in the shelter of the mountains. It was quite dull in the west - but quite bright in the sheltered east.

Northern Ireland, northern England and North Wales managed a little rainfall - but generally amounts were very small. It was mainly dull here too, though once again sheltered spots to the east of the Pennines had a reasonably bright day.

For the southern half of England and Wales, yet another dry day apart from a few spots of rain in the southwest.

A steady breeze kept the temperatures across much of the country near to average, though it was warm in some eastern districts and very warm again in the southeast of England and East Anglia.

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All times are GMT

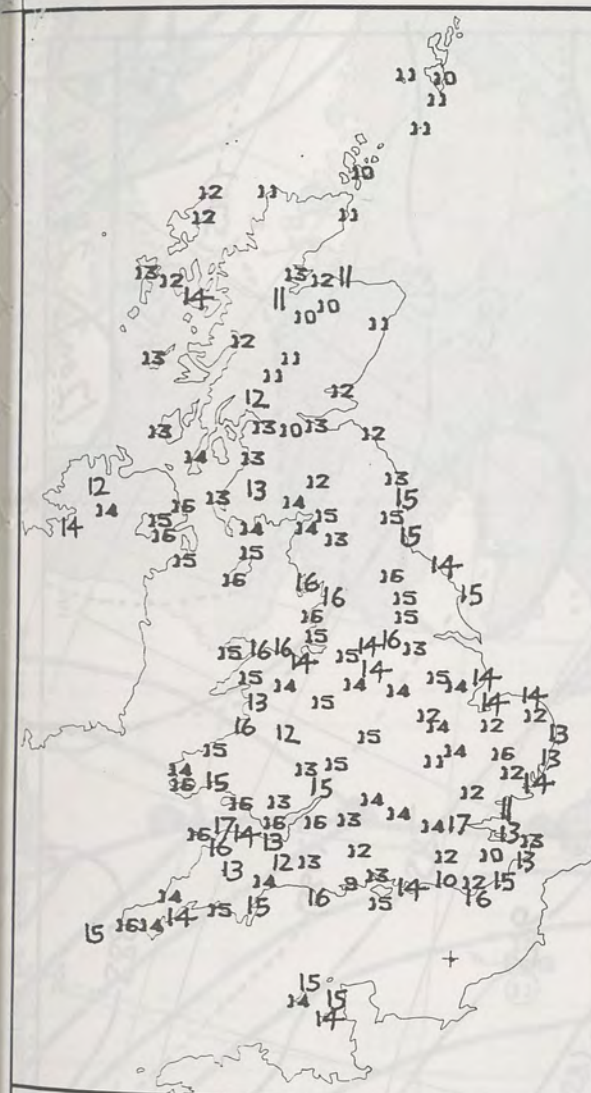
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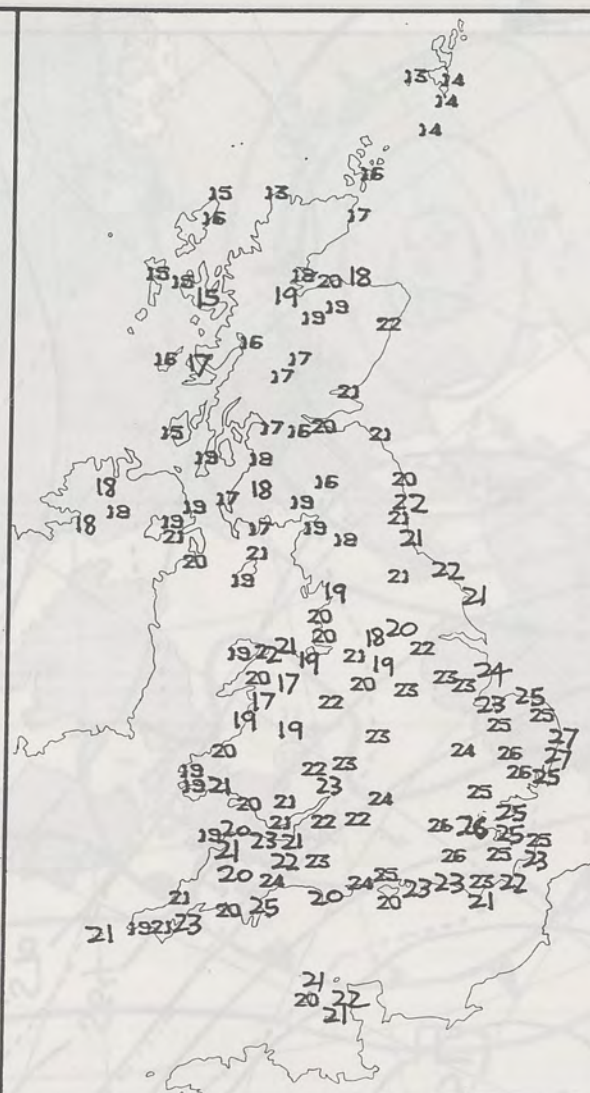
**SIGNIFICANT WEATHER CHARTS**







**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 28 JUL 89



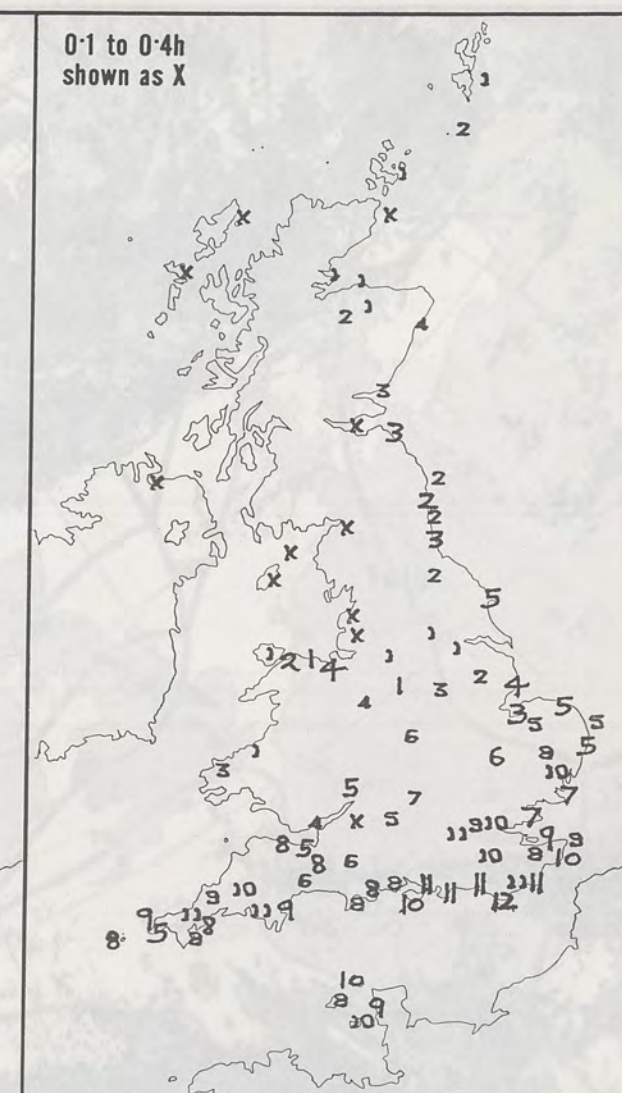
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 28 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 28 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 28 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
28 JUL 89

**EXTREMES FOR FRIDAY 28TH JULY 1989**

Highest maximum	: 26.7°C Lowestoft (Suffolk)
Lowest maximum	: 13.1°C Cape Wrath
Lowest minimum	: 9.5°C Bournemouth/Hurn
Lowest grass minimum	: 4.9°C Boscombe Down (Salisbury Plain)
Most rain (24 hours from 0900 GMT)	: 30.0 mm Cape Wrath
Most sun	: 11.7 hours Eastbourne (East Sussex)

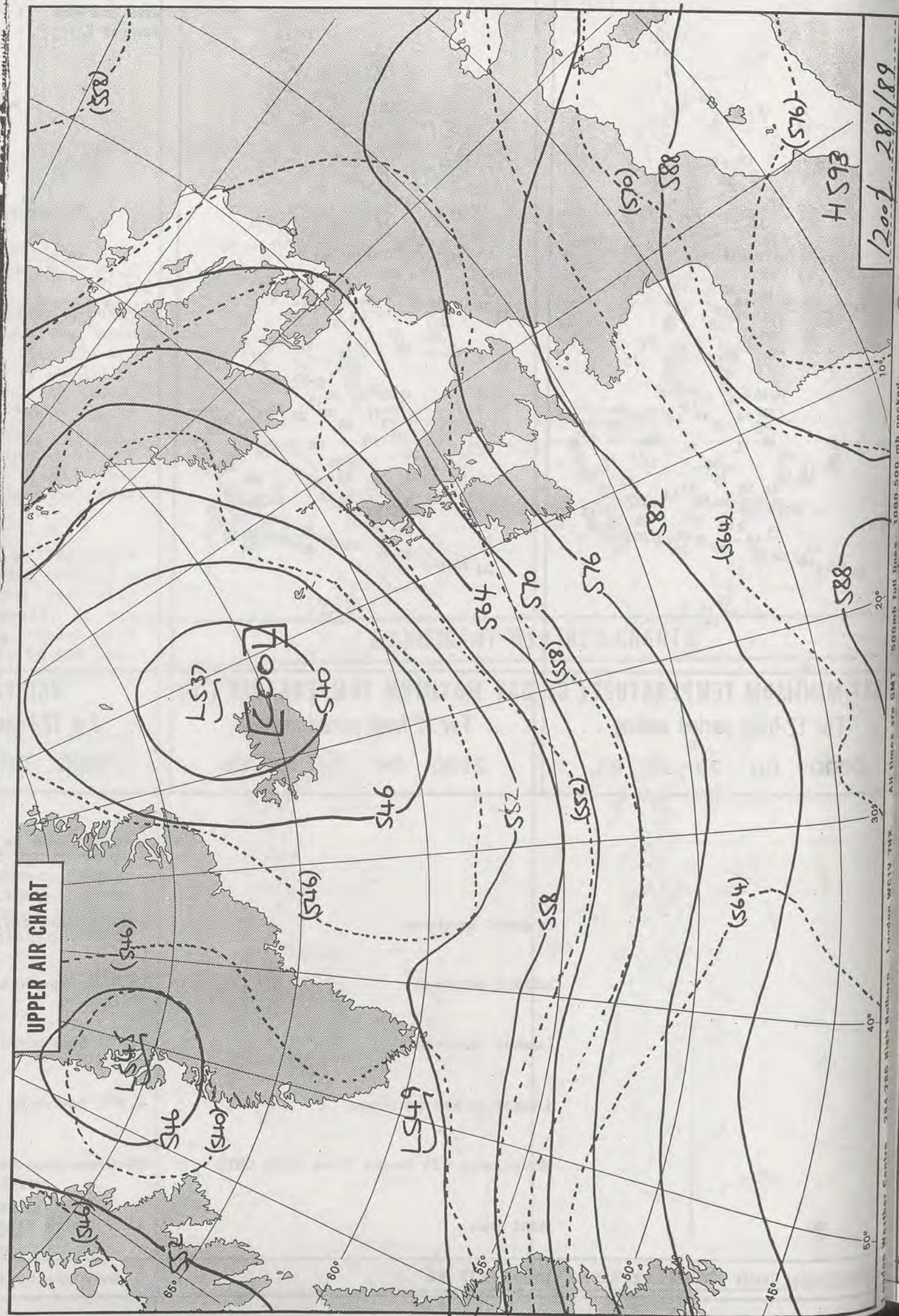
**DAILY  
WEATHER  
SUMMARY**



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1300Z V15 28/7/89



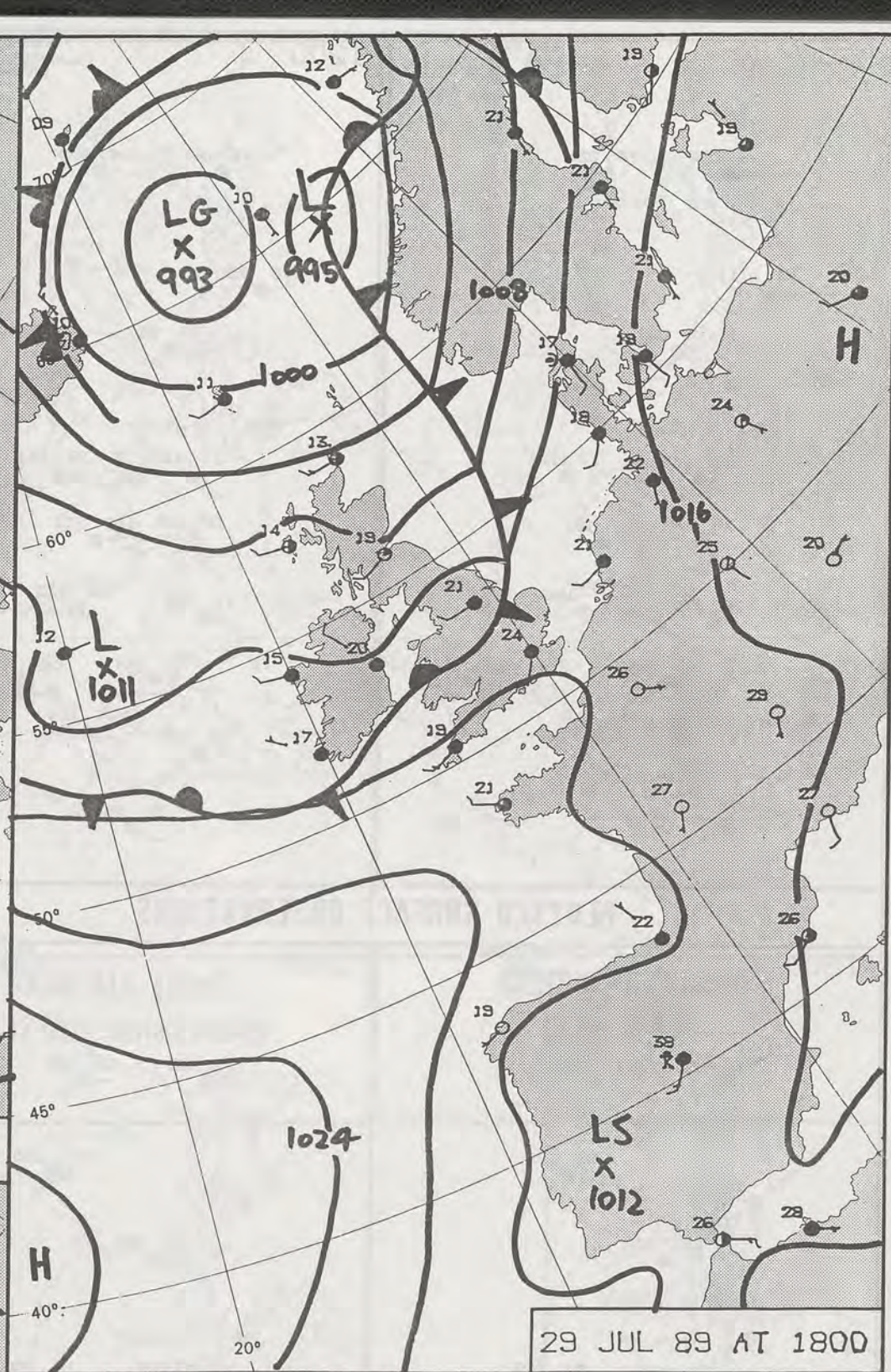
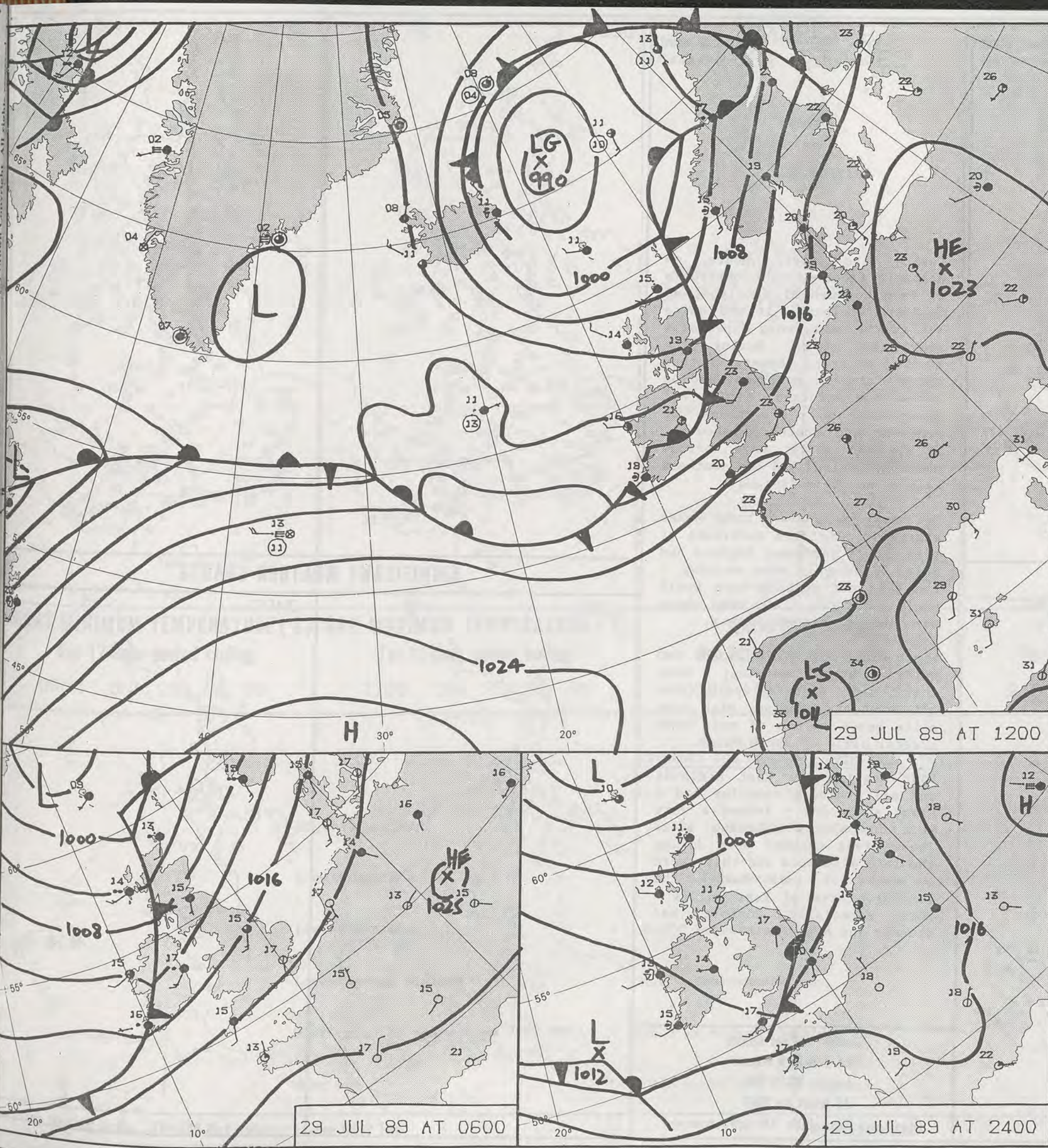


12001 28/7/89

588

20° 30° 40° 50° 60° 70° 80° 90° 100° 110° 120° 130° 140° 150° 160° 170° 180° 190° 200° 210° 220° 230° 240° 250° 260° 270° 280° 290° 300° 310° 320° 330° 340° 350° 360°

20° 30° 40° 50° 60° 70° 80° 90° 100° 110° 120° 130° 140° 150° 160° 170° 180° 190° 200° 210° 220° 230° 240° 250° 260° 270° 280° 290° 300° 310° 320° 330° 340° 350° 360°



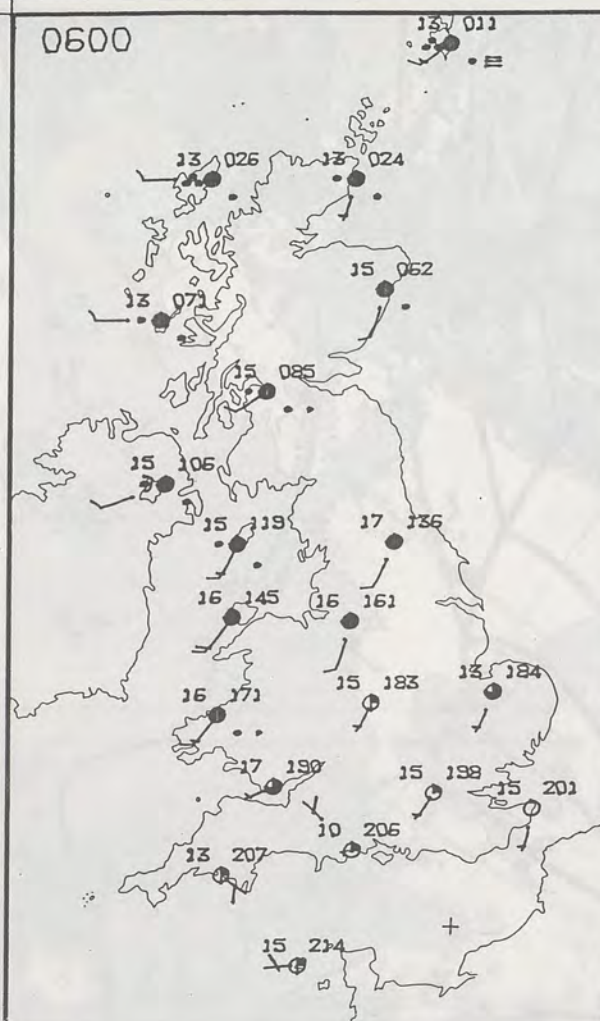
NOT FOR LOAN  
DAILY WEATHER SUMMARY  
FOR  
DUPLICATE ALSO  
SATURDAY 29 JULY 1989

London Weather Centre 284-286 High Holborn London WC1V 7HX  
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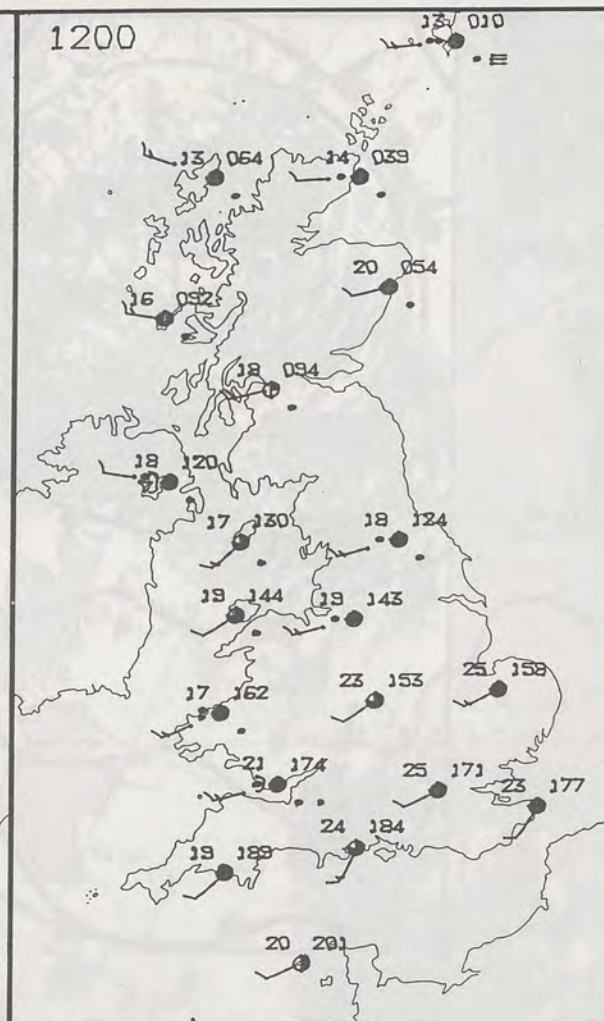




0600

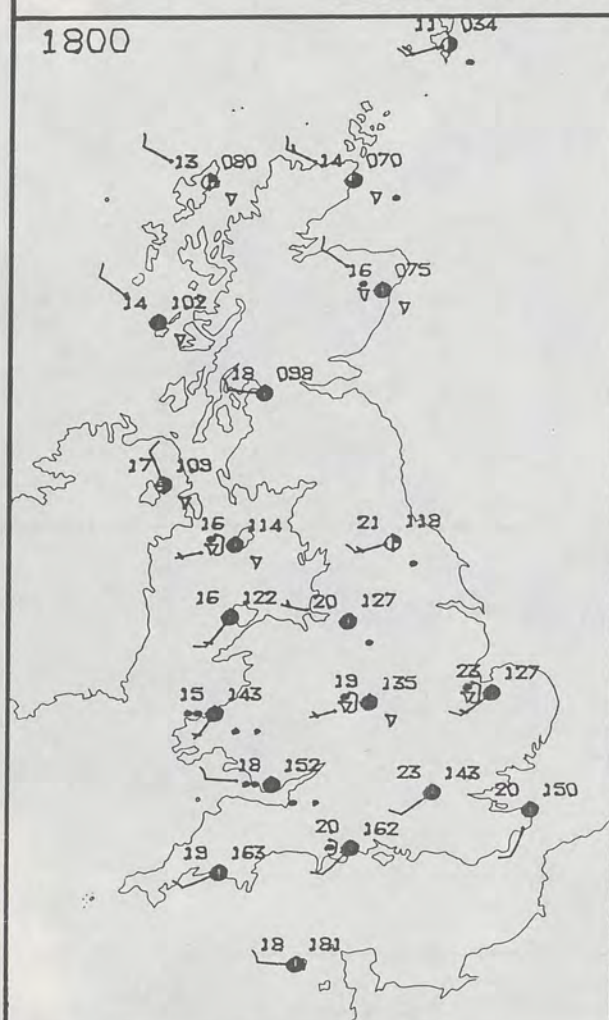


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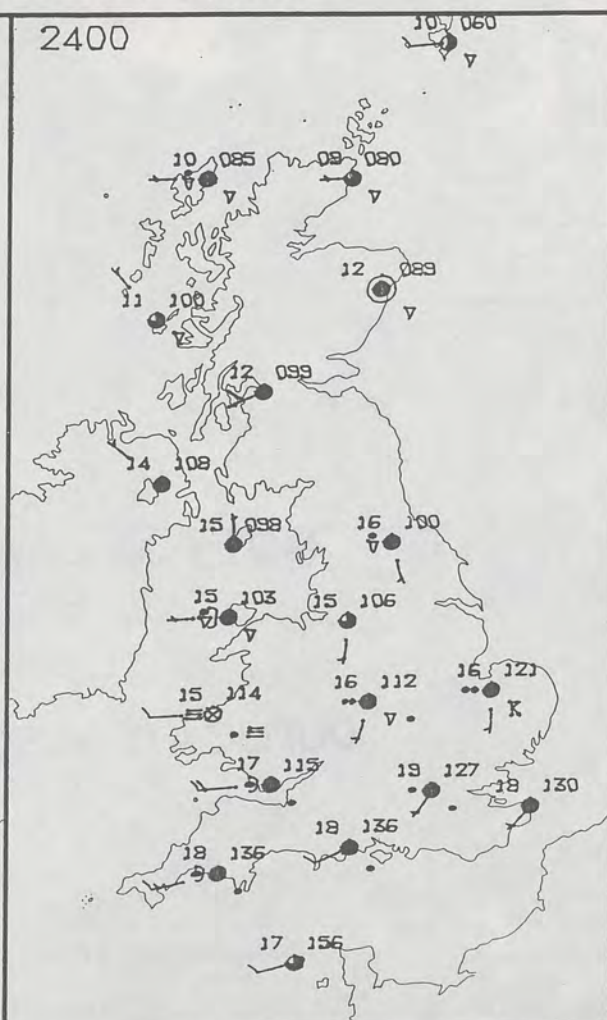


## PLOTTED SURFACE OBSERVATIONS

1800



2400

SATURDAY  
29 JULY 1989SUMMARY  
OF  
BRITISH WEATHER

During the early hours an Atlantic front brought outbreaks of rain to much of Scotland and Northern Ireland; it was quite wet in the west, more especially over the hills. During the morning clearer, showery weather spread into the northwest and on across the mainland to give all districts an afternoon of sunshine and scattered showers. It became quite warm across eastern Scotland and the southern half of Northern Ireland.

Northwest England and North Wales started cloudy with outbreaks of rain though northeast England had quite a bright, warm morning - the rain not getting here until early afternoon - and then there were only scattered showers.

South Wales and the Midlands had quite a bright morning; here there were showers during the afternoon and evening, with some quite heavy bursts of rain over coastal hills of South Wales.

East Anglia, the East Midlands and all southern counties had a warm, sunny day - indeed a very warm day for the London area. These areas clouded over during the late afternoon and there were outbreaks of rain during the evening. Parts of East Anglia - more especially Norfolk had thunder and heavy rain.

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0600



1200

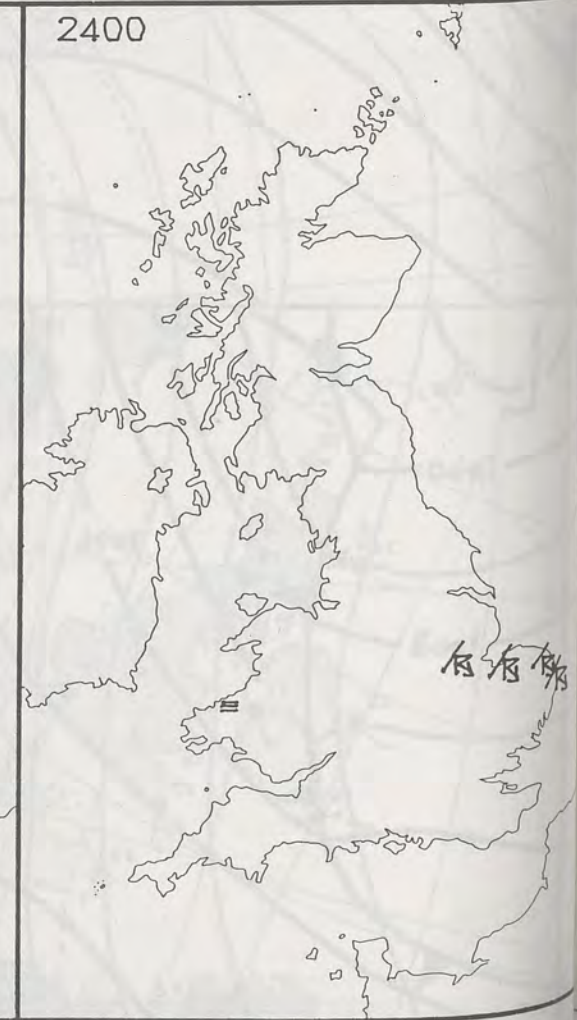


## SIGNIFICANT WEATHER CHARTS

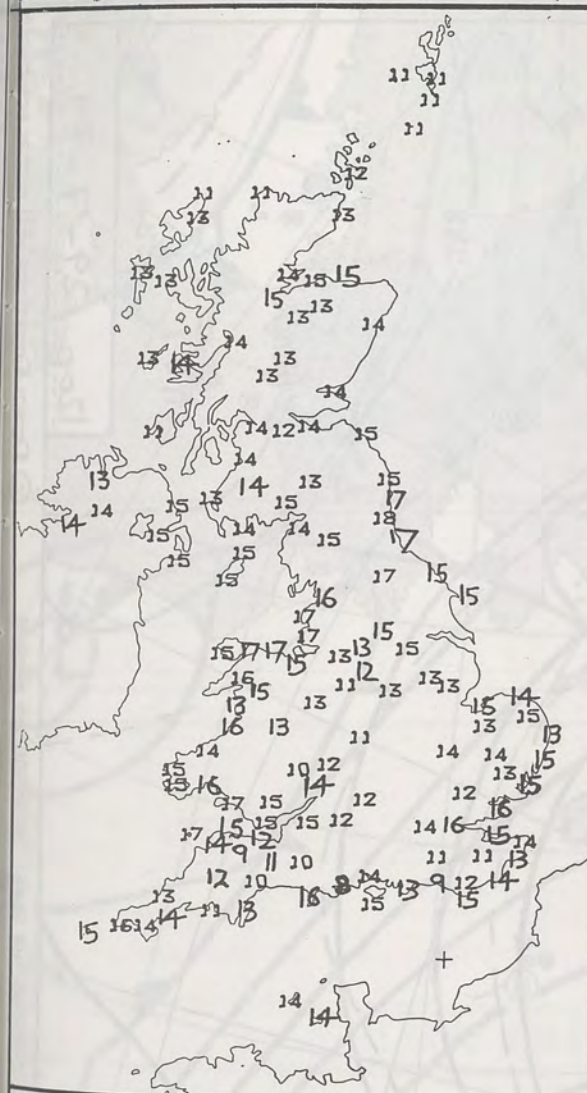
1800



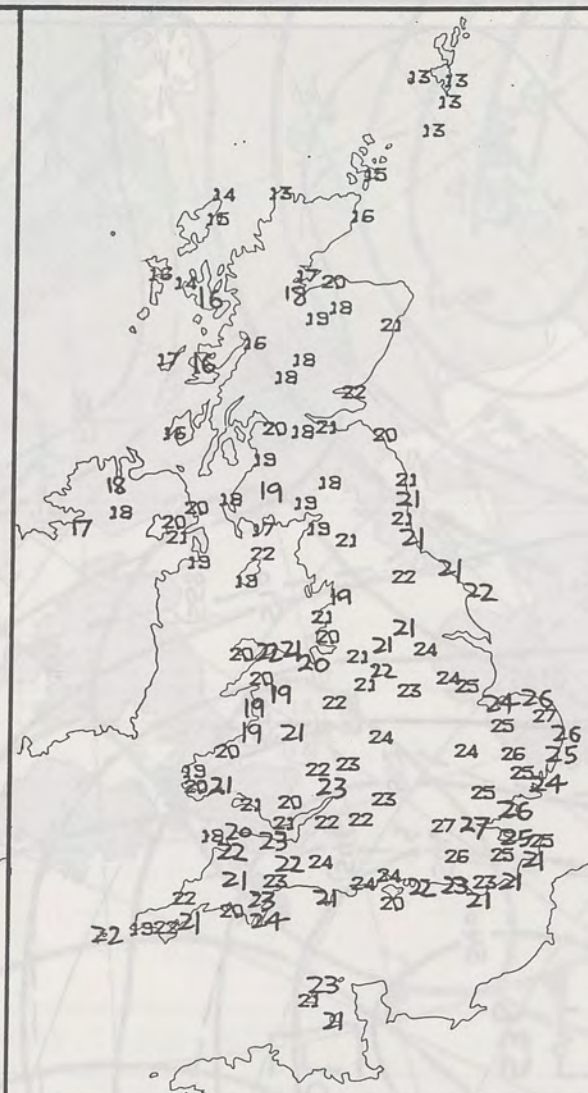
2400



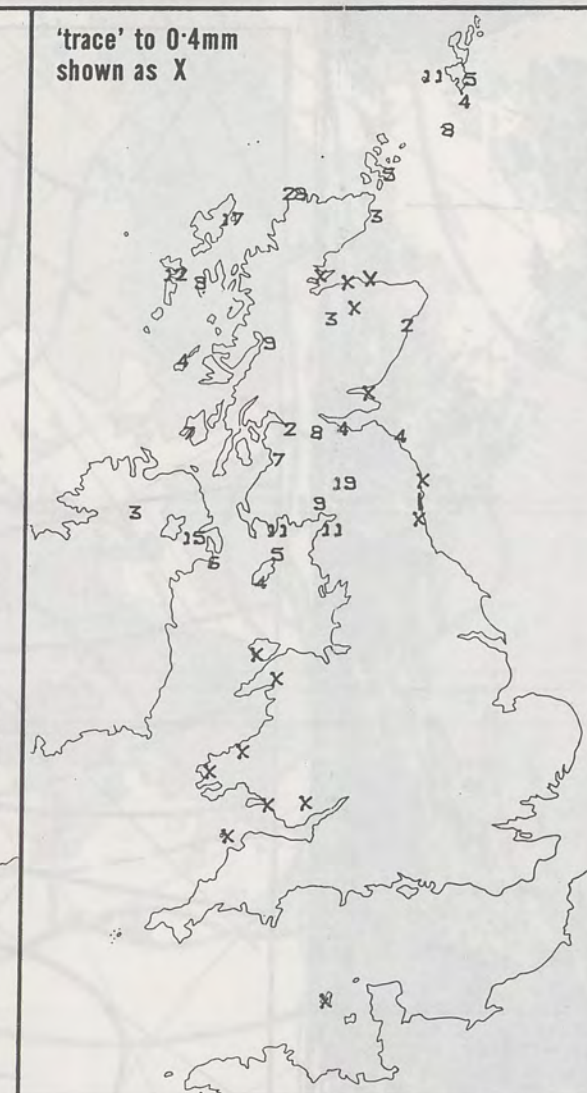




**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 29 JUL 89



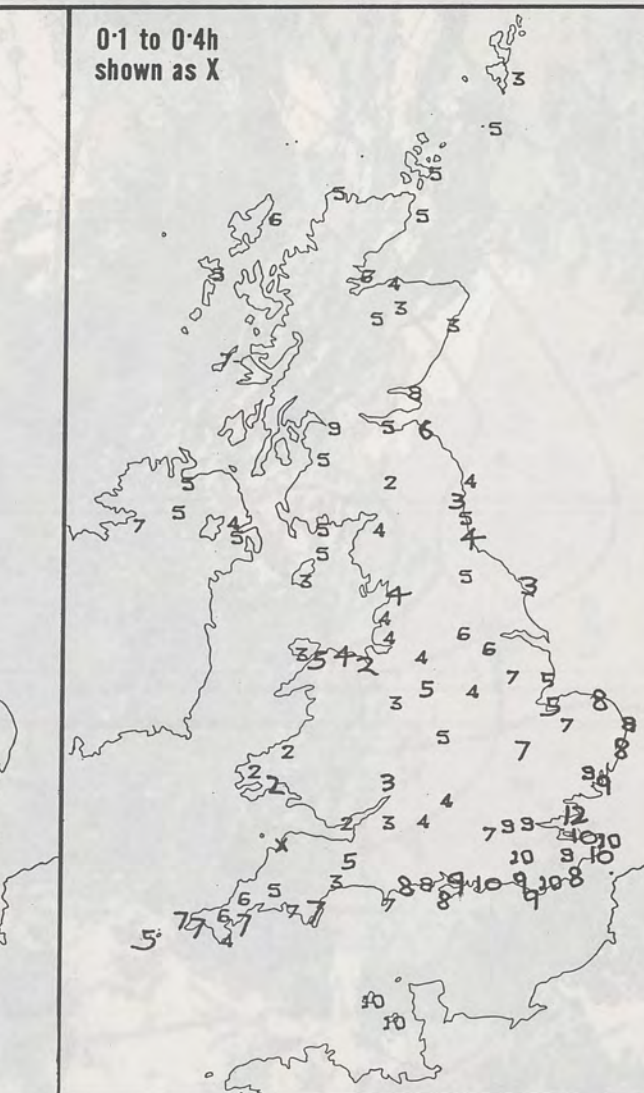
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 29 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 29 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 29 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
29 JUL 89

**EXTREMES FOR SATURDAY 29TH JULY 1989**

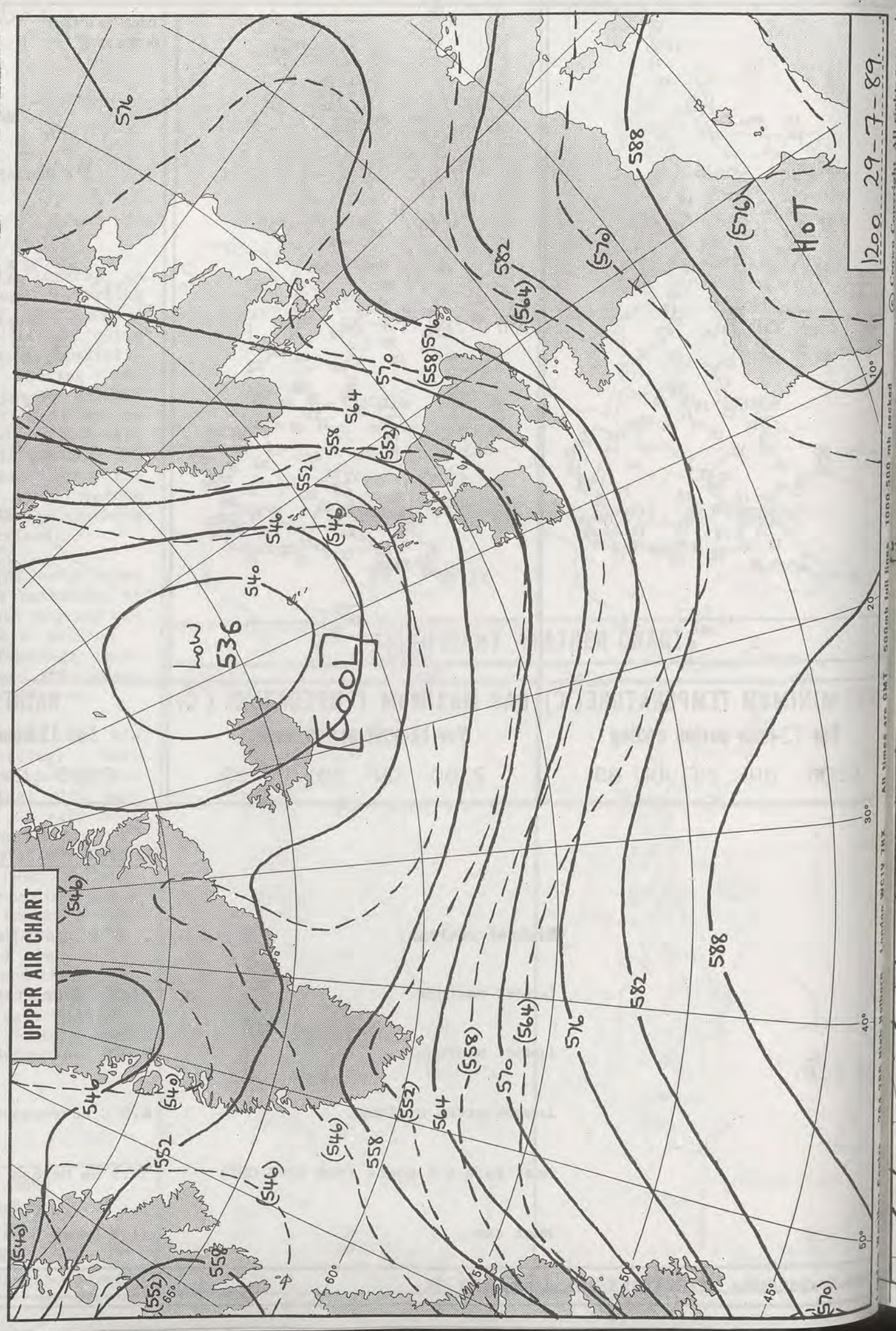
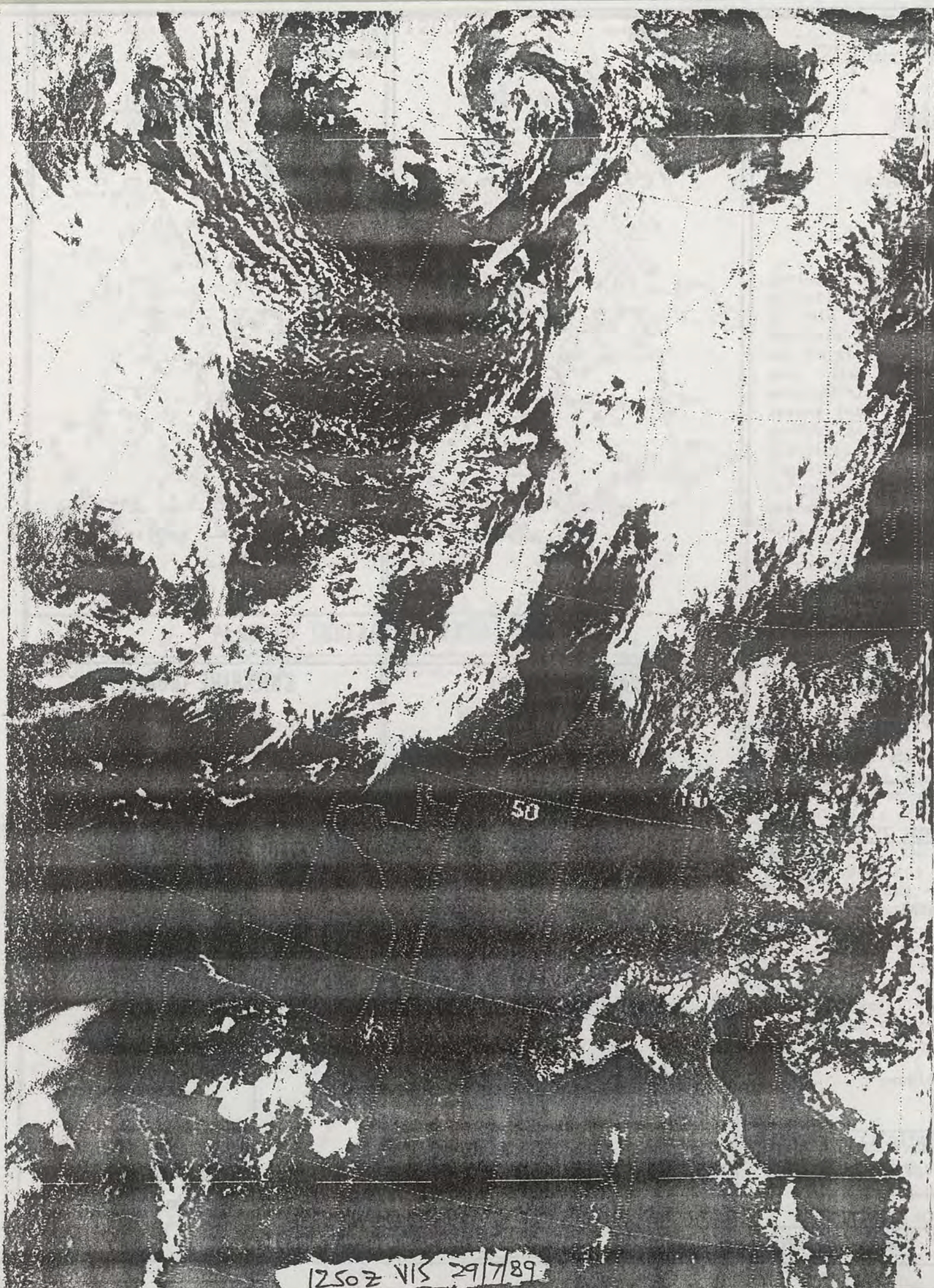
Highest maximum	:	26.6°C London Weather Centre
Lowest maximum	:	12.5°C Cape Wrath
Lowest minimum	:	8.0°C Bournemouth/Hurn
Lowest grass minimum	:	4.0°C Bournemouth/Hurn
Most rain (24 hours from 0900 GMT)	:	36.9 mm Marham (Norfolk)
Most sun	:	11.8 hours Southend (Essex)

**DAILY  
WEATHER  
SUMMARY**



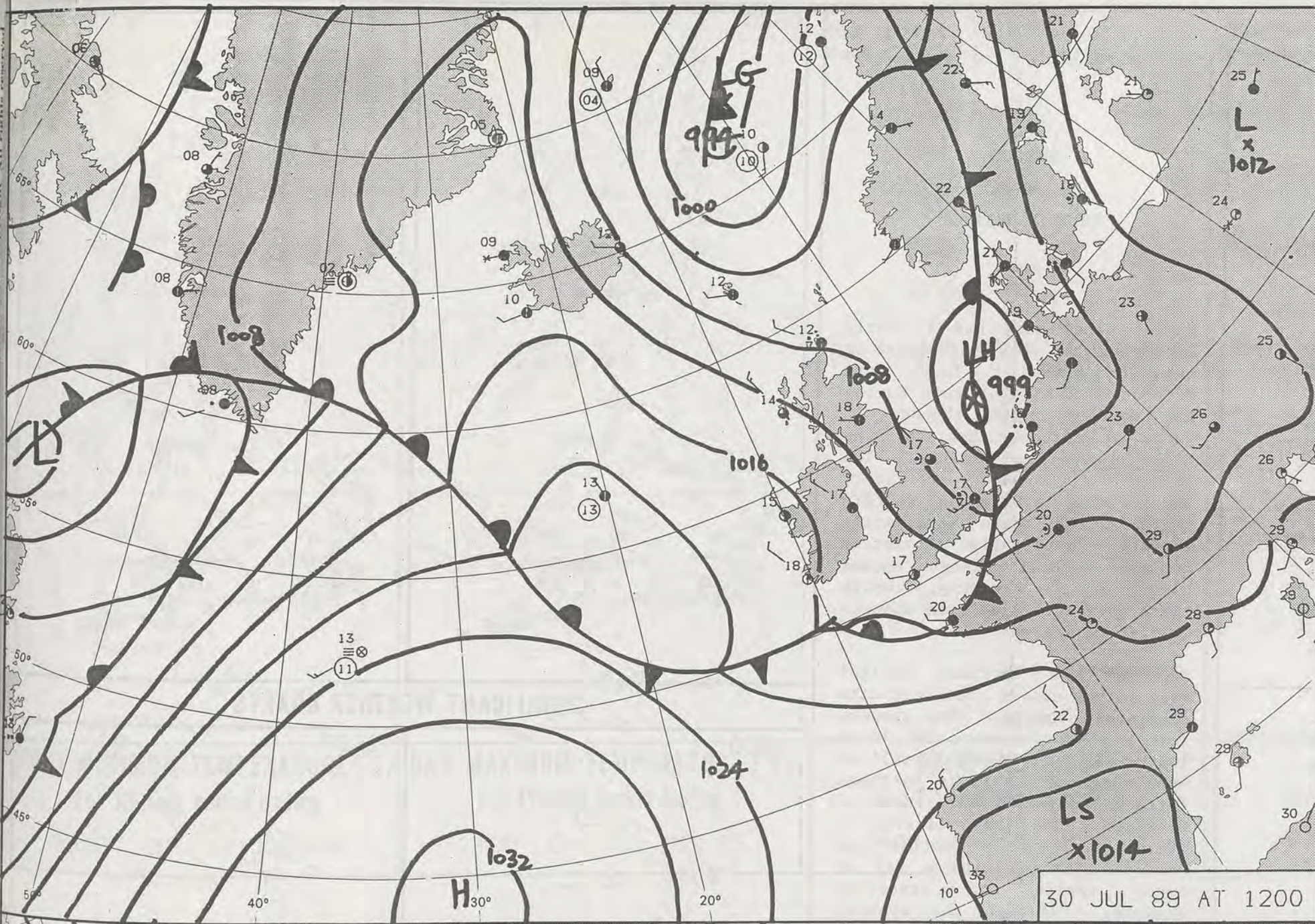
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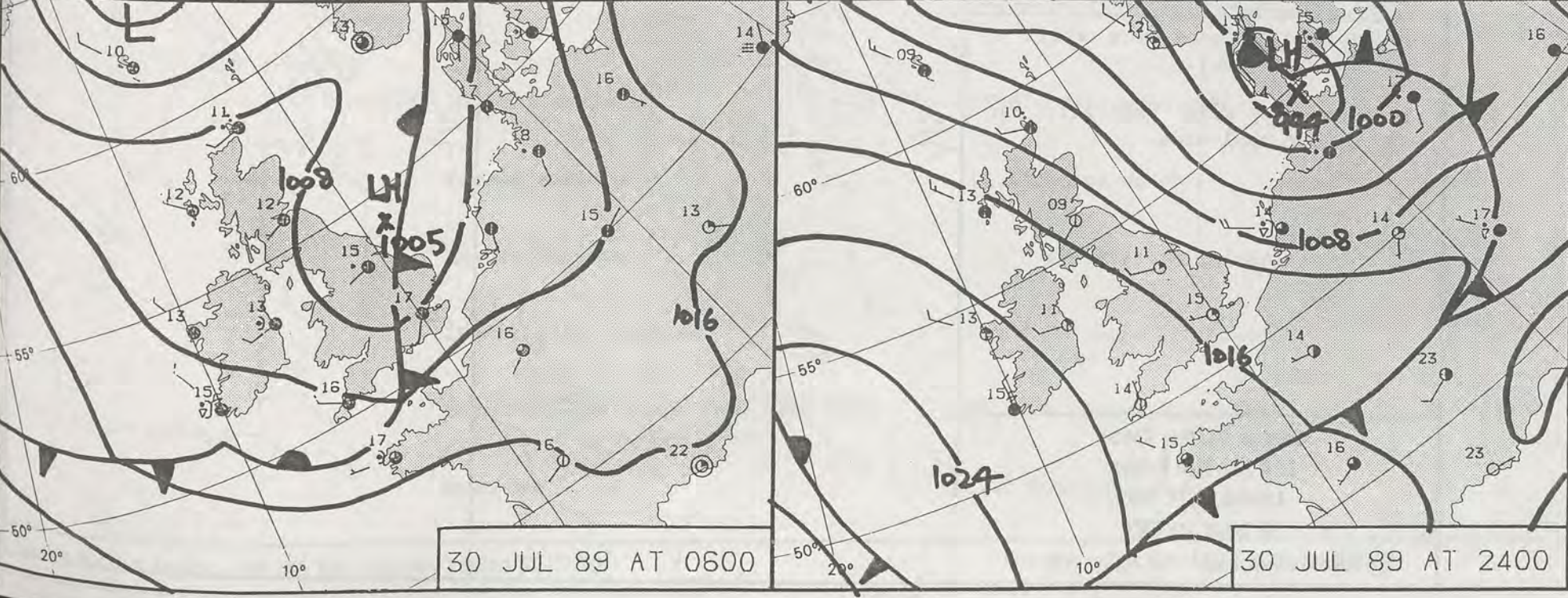




1200 29-7-89

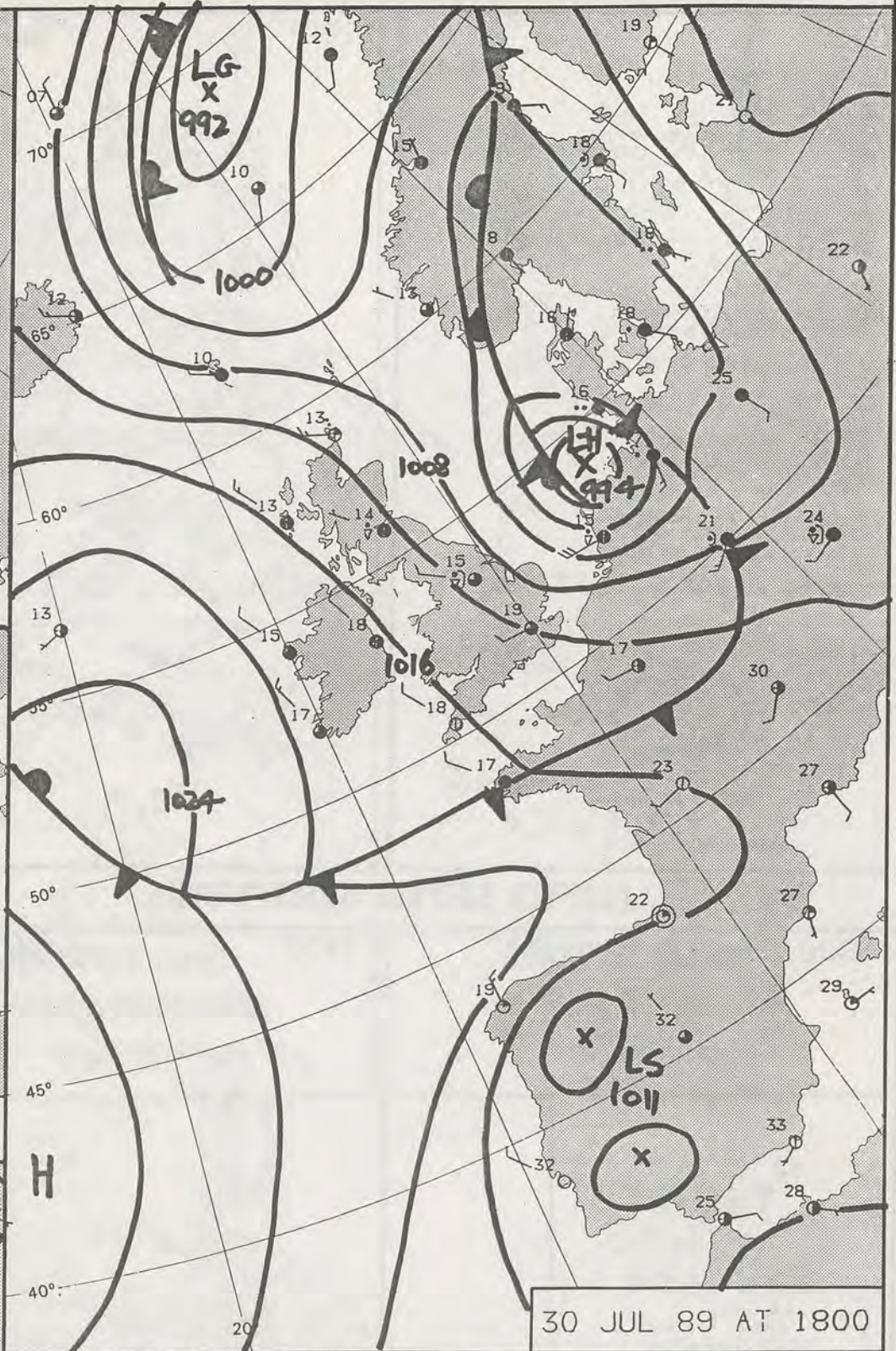


30 JUL 89 AT 1200



30 JUL 89 AT 0600

30 JUL 89 AT 2400



30 JUL 89 AT 1800

NOT FOR LOAN

### DAILY WEATHER SUMMARY

DUPLICATE ALSO FOR

SUNDAY 30 JULY 1989

London Weather Centre 284-286 High Holborn London WC1V 7HX

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METEOLOGICAL OFFICE  
09 AUG 1989  
LIBRARY

Warm front Cold front Occlusion



A map of Great Britain showing 25 numbered locations (061-144) with symbols indicating bird species presence. The symbols are: a solid black circle (●), an open circle (○), a solid black triangle (▼), an open triangle (△), and a cross (✕). The locations are distributed across the country, with a higher density in the south and east. The numbers are: 061, 065, 084, 087, 092, 094, 096, 104, 110, 112, 113, 116, 123, 128, 134, 144, 145, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 92

### PLOTTED SURFACE OBSERVATIONS

1800

Map of Great Britain and Ireland showing 1800 population distribution. The map includes numbered points (1-20) and letters (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) indicating specific locations. The population of each location is written next to the point. The map shows the coastline of Great Britain and Ireland, with the English Channel to the south and the North Sea to the east. The population distribution is concentrated in the south-east of England, particularly around London and the Home Counties, with smaller clusters in the north and west.

SUNDAY  
30 JULY 1989

**SUMMARY  
OF  
BRITISH WEATHER**

England and Wales had a mostly cloudy night with outbreaks of rain in places. There were further outbreaks of rain during the morning, with thunder in parts of northern England, the Midlands and East Anglia. The afternoon turned brighter, particularly in Wales and western England, but there were still showers - especially in eastern England. Most places became clear in the evening, though there were still isolated showers in eastern England.

Scotland and Northern Ireland were rather cloudy overnight with scattered showers. The showers were mostly on coasts but later in the night there was a spell of more persistent rain in Northern Ireland and the far southwest of Scotland. This rain cleared in the morning to leave Scotland and Northern Ireland with a day of sunny spells and scattered showers. Through the evening cloud amounts were rather variable and there were still a few showers about.

Temperatures were generally on the rather cool side.

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London WC1V 7HX  
All times are GMT

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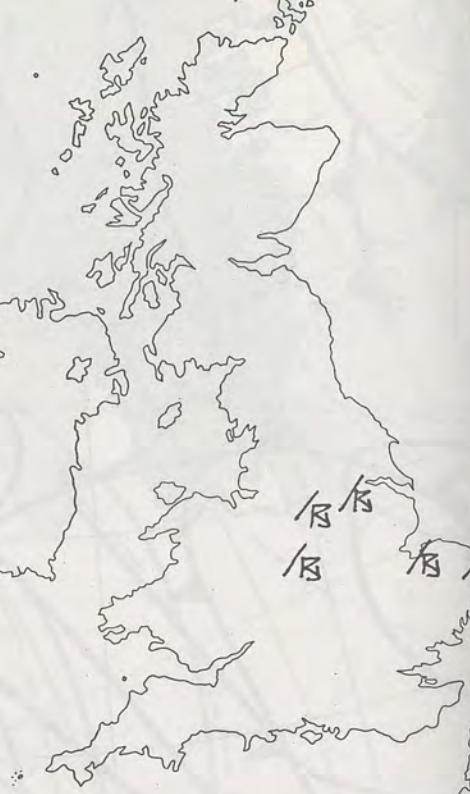
England and Wales had a mostly cloudy night with outbreaks of rain in places. There were further outbreaks of rain during the morning, with thunder in parts of northern England, the Midlands and East Anglia. The afternoon turned brighter, particularly in Wales and western England, but there were still showers - especially in eastern England. Most places became clear in the evening, though there were still isolated showers in eastern England.

Temperatures were generally on the rather cool side.

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0600

1200



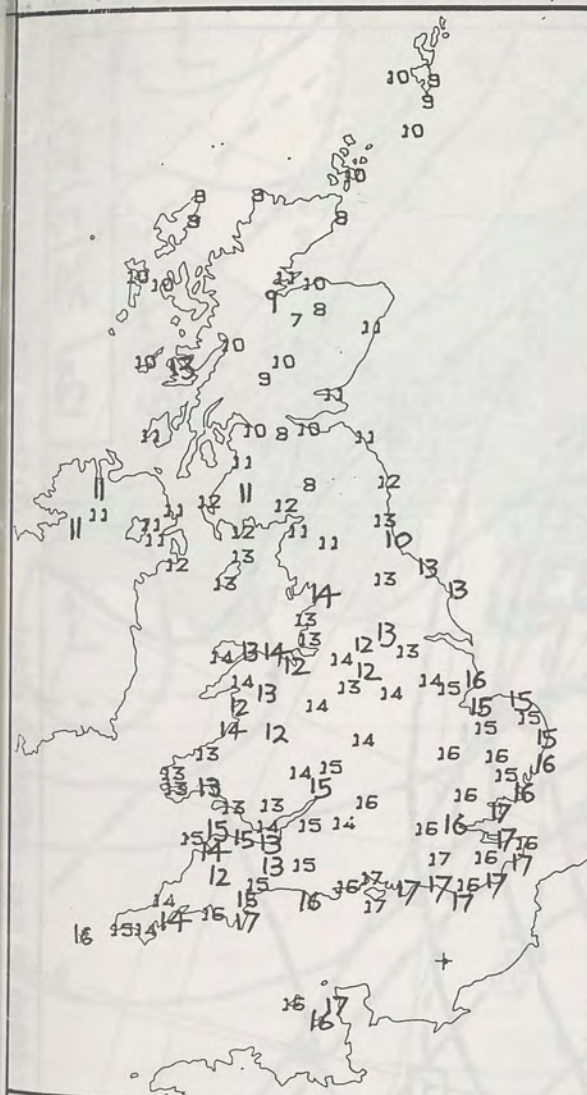
## SIGNIFICANT WEATHER CHARTS

An outline map of the British Isles in 1800. The map shows the coastlines of Great Britain, Ireland, and the surrounding islands. The title '1800' is printed in the top left corner.

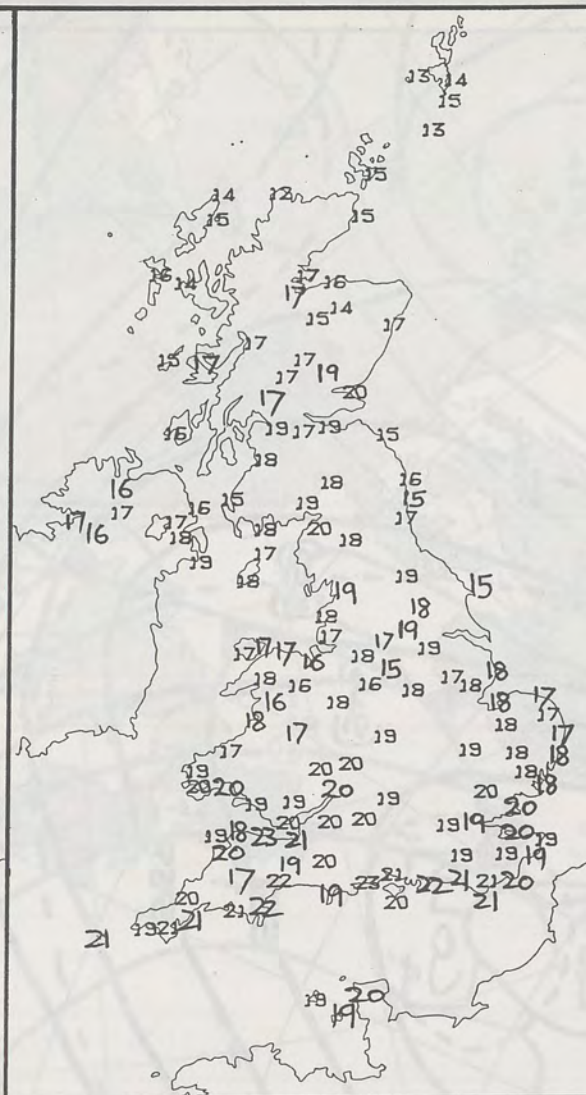
2400

A black and white outline map of the British Isles, showing the coastlines of Great Britain and Ireland. The map is oriented with North at the top. The outline is simple, with no internal details or labels. The map is positioned on the left side of the page, with a large blank area to its right.





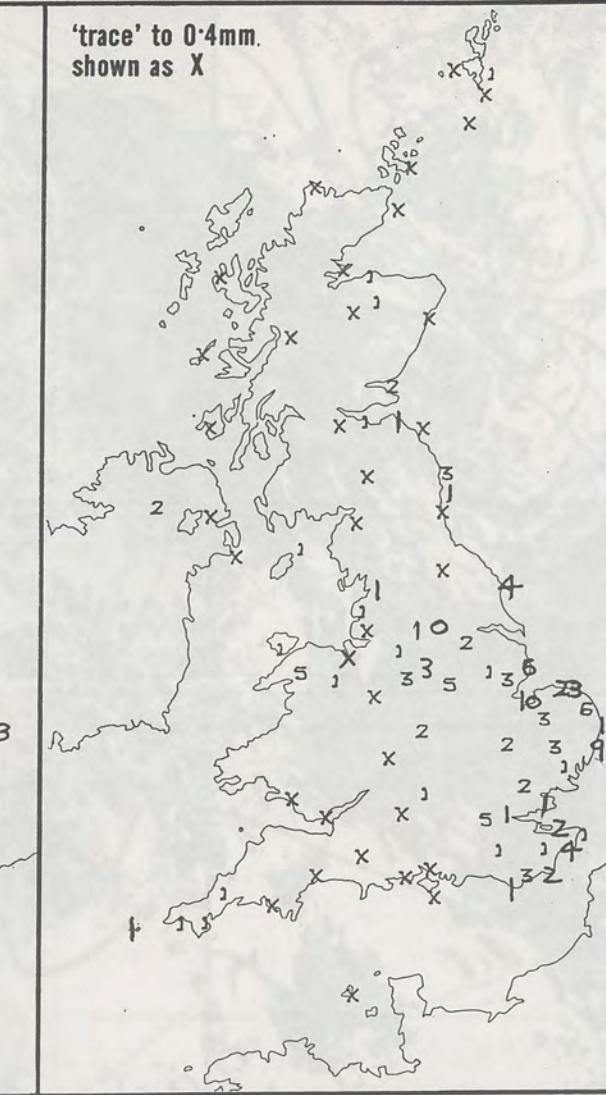
**NIGHT MINIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
0900 ON 30 JUL 89



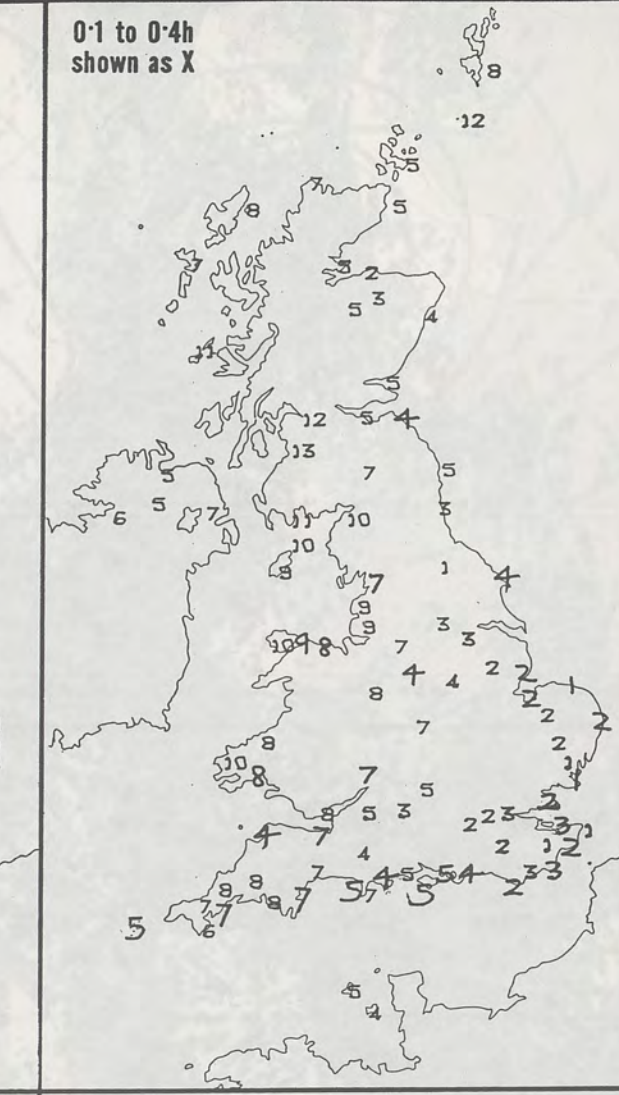
**DAY MAXIMUM TEMPERATURE (°C)**  
For 12-hour period ending  
2100 ON 30 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
0900 ON 30 JUL 89



**RAINFALL (mm)**  
For 12-hour period ending  
2100 ON 30 JUL 89



**SUNSHINE (hours)**  
Dawn to dusk  
30 JUL 89

**EXTREMES FOR SUNDAY 30TH JULY 1989**

Highest maximum	:	22.6°C Bournemouth/Hurn
Lowest maximum	:	12.4°C Cape Wrath
Lowest minimum	:	7.5°C Aviemore (Highland)
Lowest grass minimum	:	2.9°C Aviemore (Highland)
Most rain (24 hours from 0900 GMT)	:	23.2 mm Cromer (Norfolk)
Most sun	:	12.6 hours Prestwick

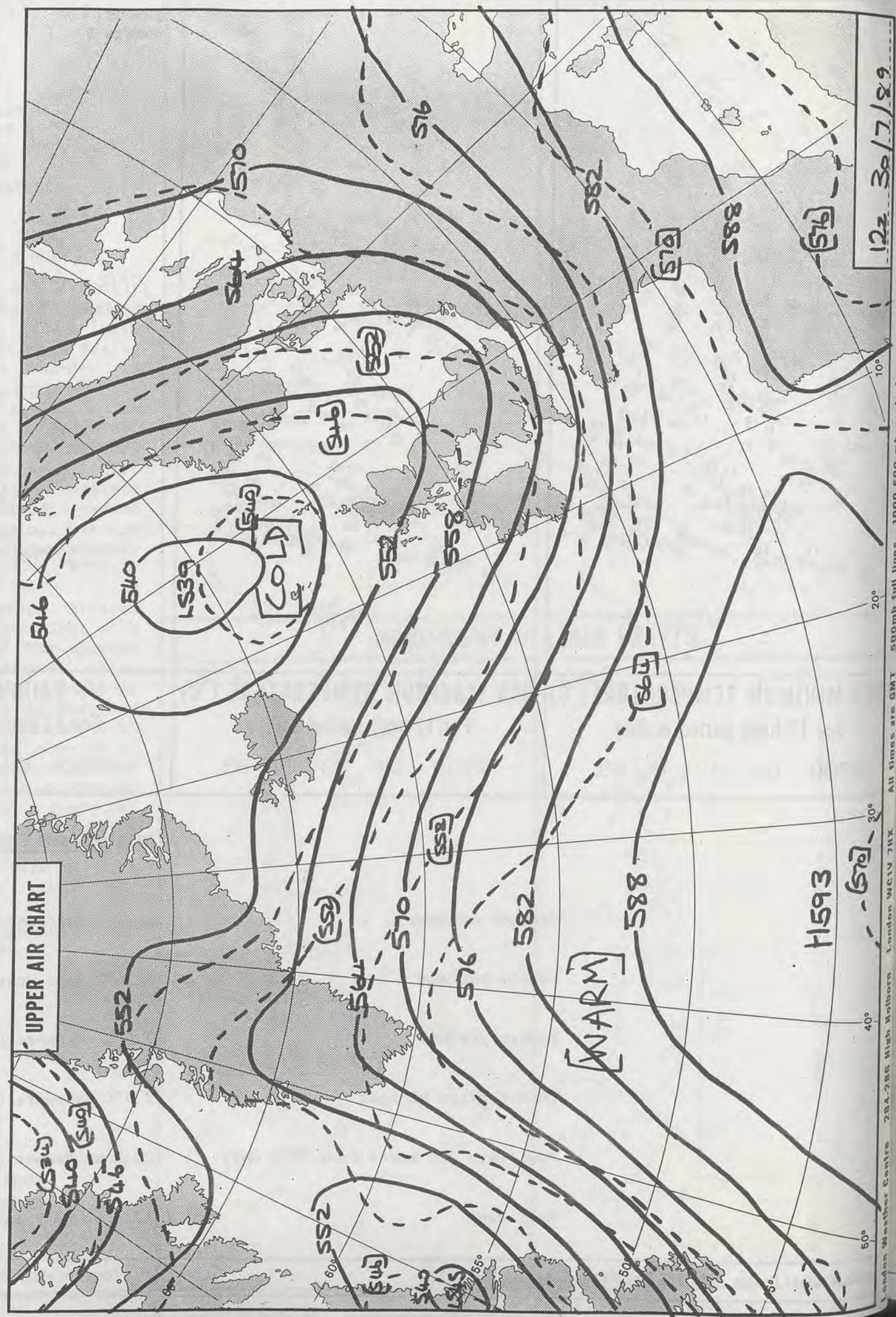
**DAILY  
WEATHER  
SUMMARY**



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1239Z VIS 30/7/89

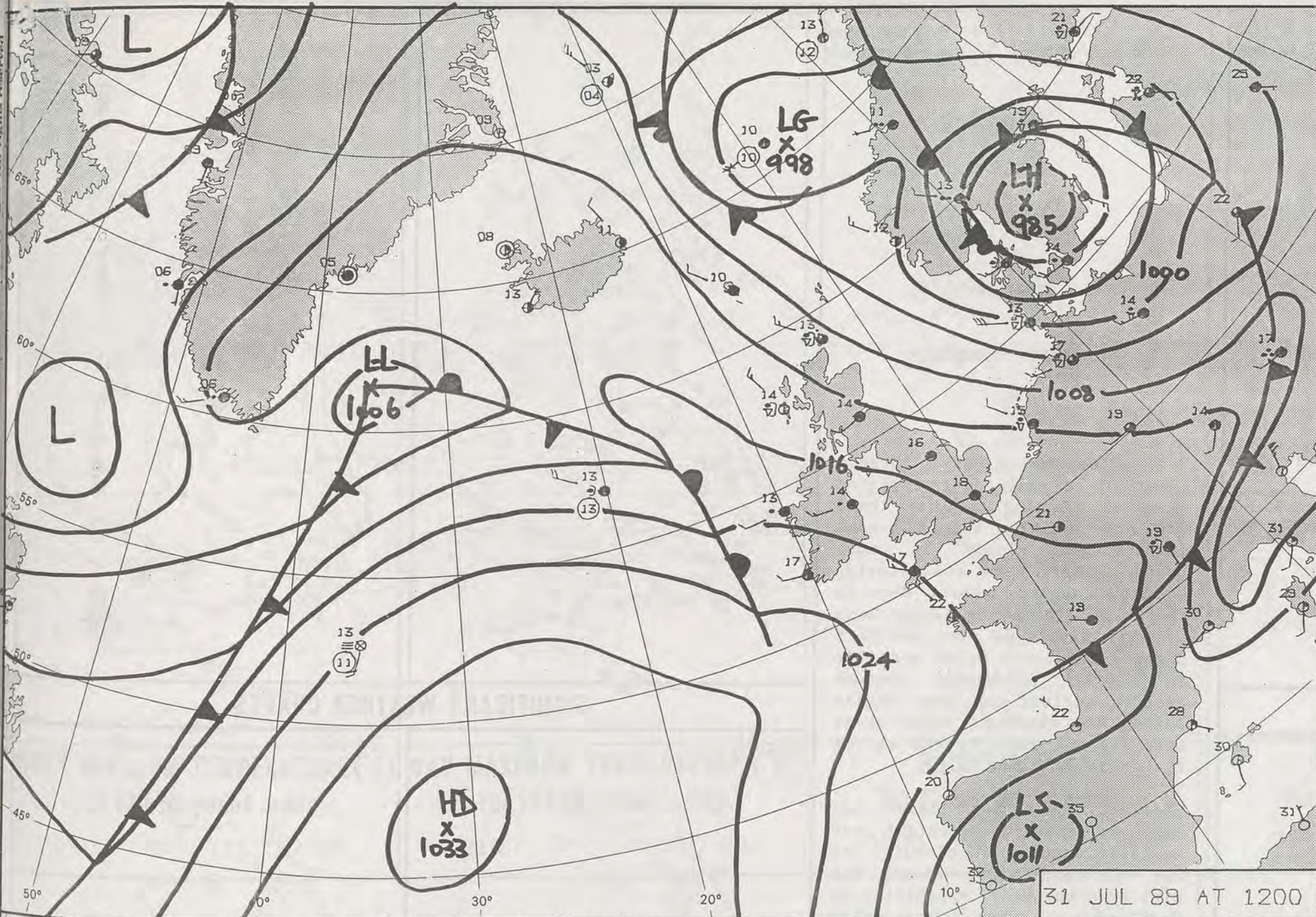




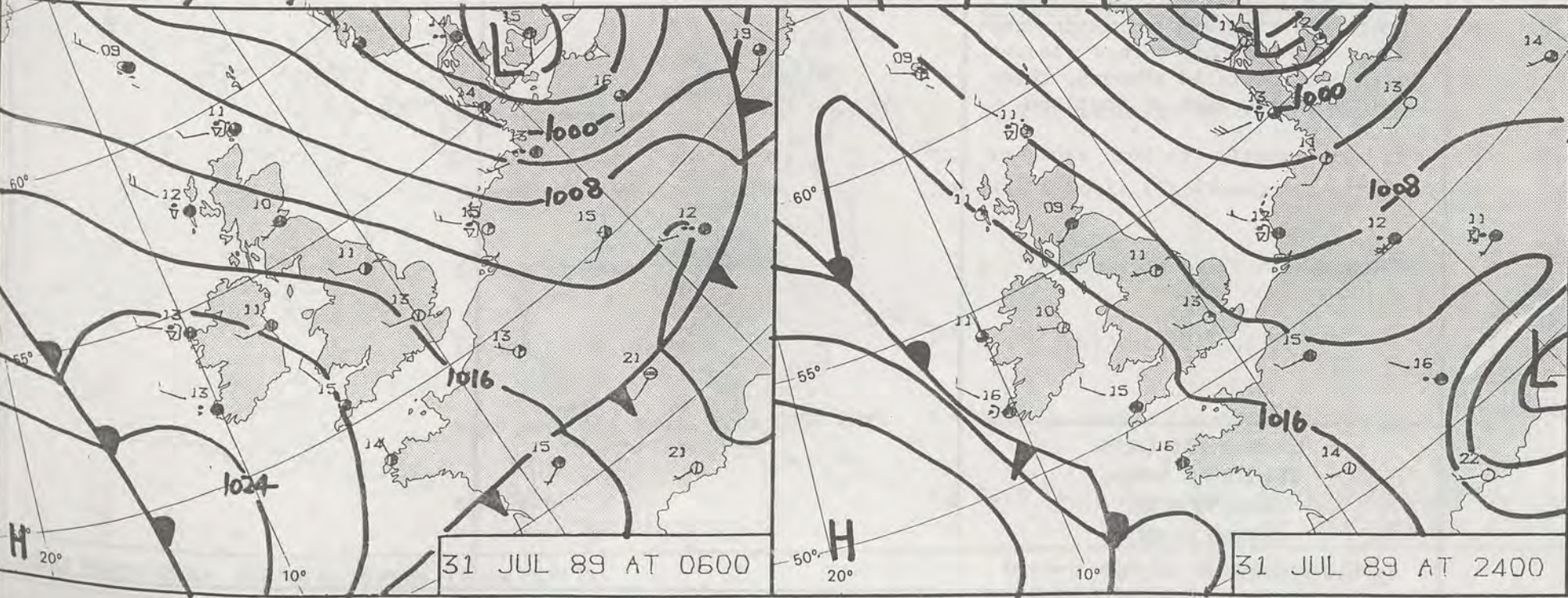
All times are GMT

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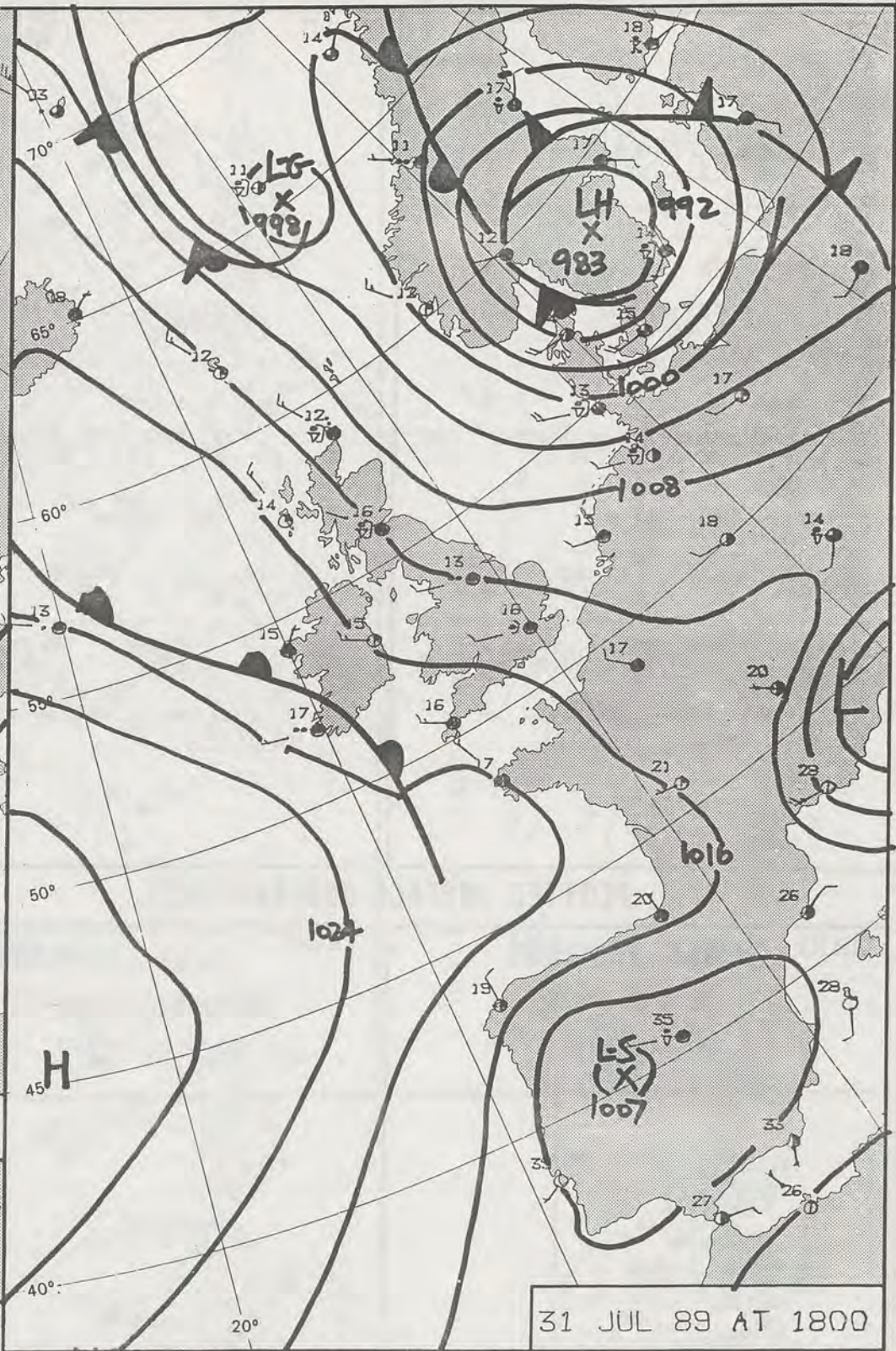


31 JUL 89 AT 1200



31 JUL 89 AT 0600

31 JUL 89 AT 2400






31 JUL 89 AT 1800

NOT FOR LOAN  
DAILY WEATHER SUMMARY

DUPLICATE ALSO FOR

MONDAY 31 JULY 1989

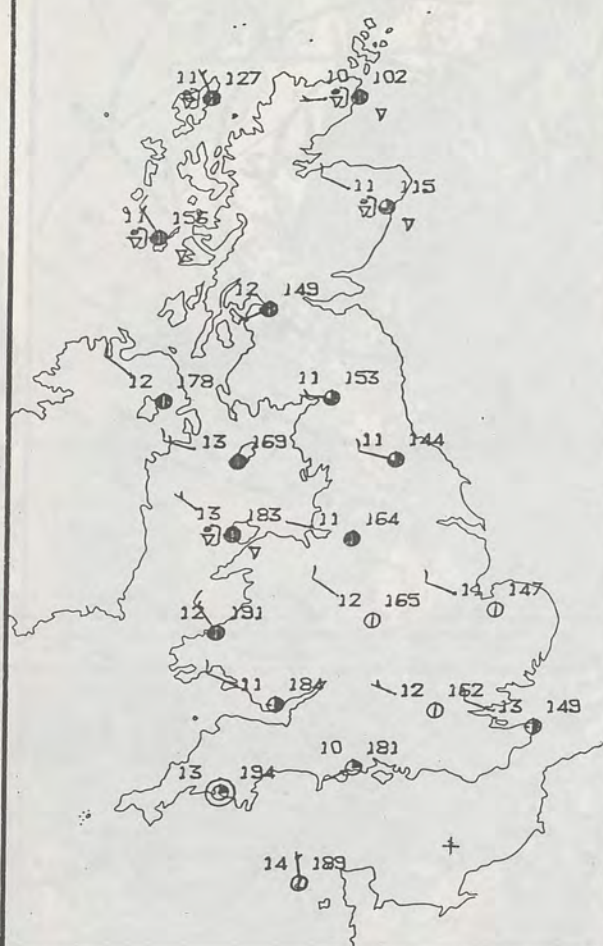
 Warm front     Cold front     Occlusion

**London Weather Centre 284-286 High Holborn London WC1V 7HX**

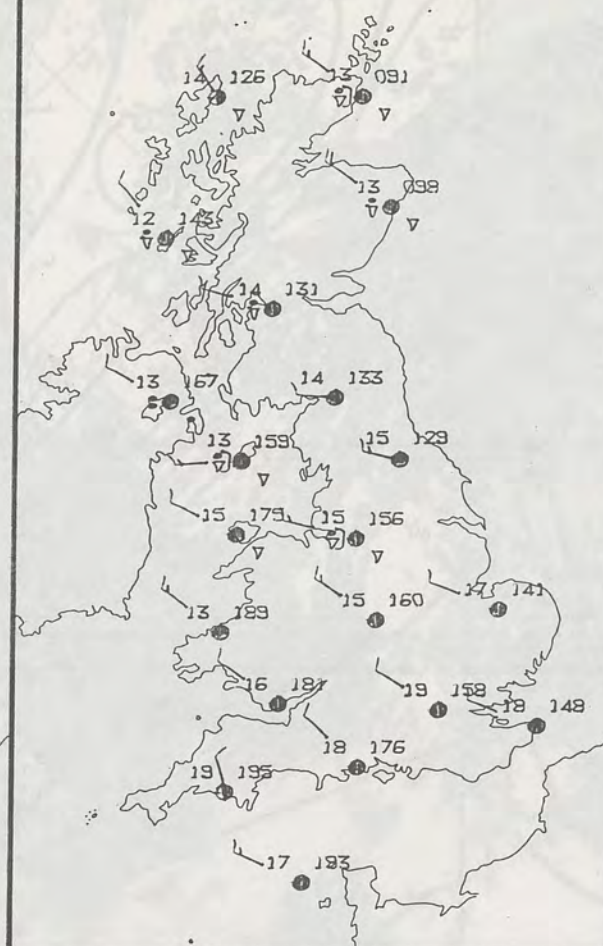
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0600

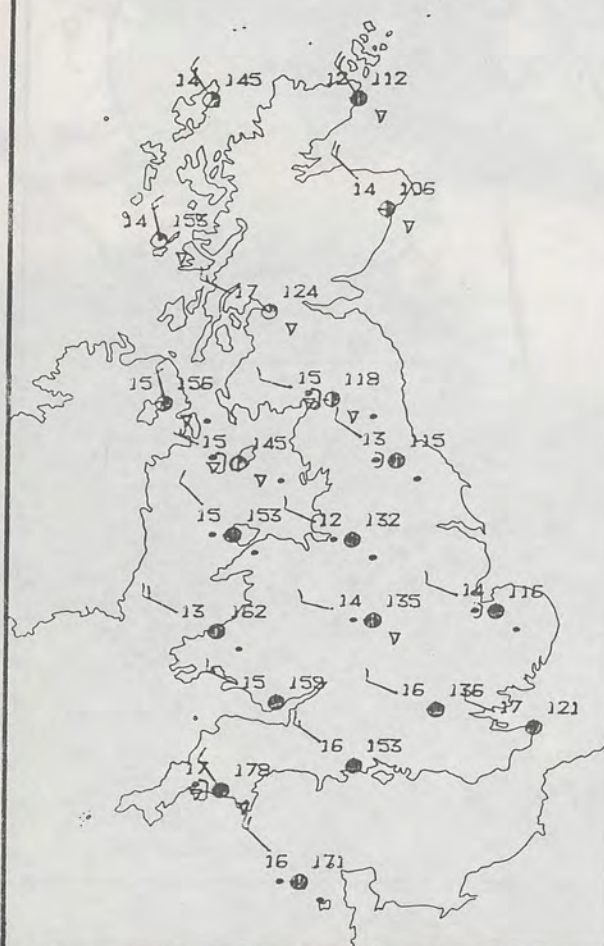


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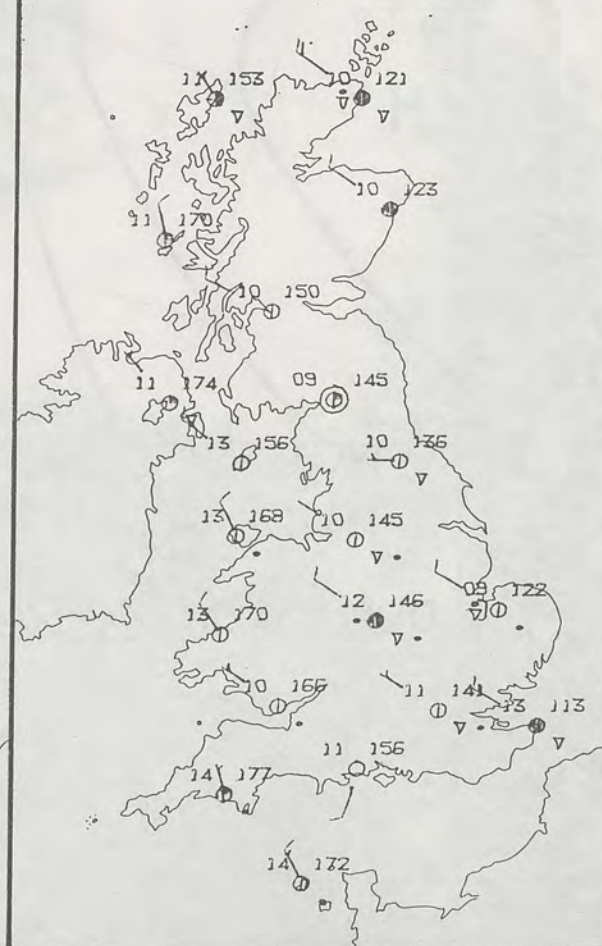


## PLOTTED SURFACE OBSERVATIONS

1800



2400



MONDAY  
31 JULY 1989

SUMMARY  
OF  
BRITISH WEATHER

England and Wales had a largely clear night with just isolated showers. During the day there was some sunshine but it became increasingly cloudy in most parts. There were a scattering of light showers about, then in the late afternoon a larger area of rain developed over northern England and North Wales and this rain moved southwards through eastern England and East Anglia during the evening. Most areas were dry and clear by the end of the evening.

Scotland and Northern Ireland had isolated showers overnight and variable amounts of cloud. The day was then rather cloudy but with some sunshine, especially in Scotland. There were also scattered showers through the day. The evening turned clearer with just isolated showers, these mostly in the east of Scotland.

It was mostly rather cool or cool.

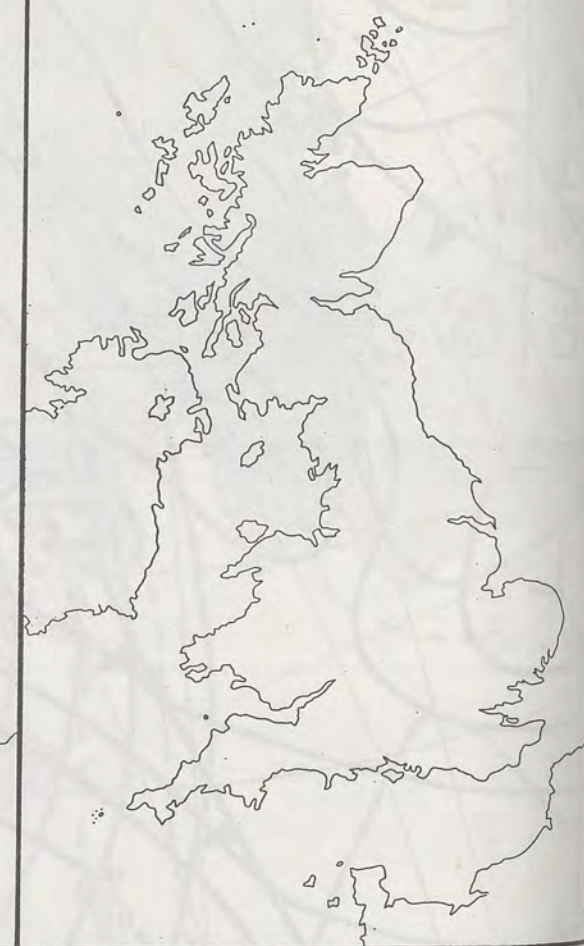
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0600

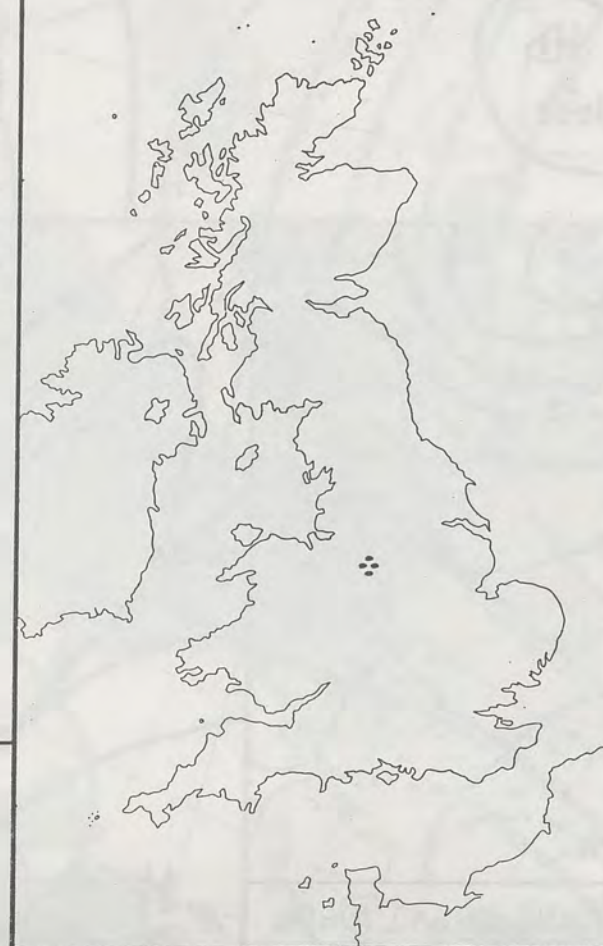


1200

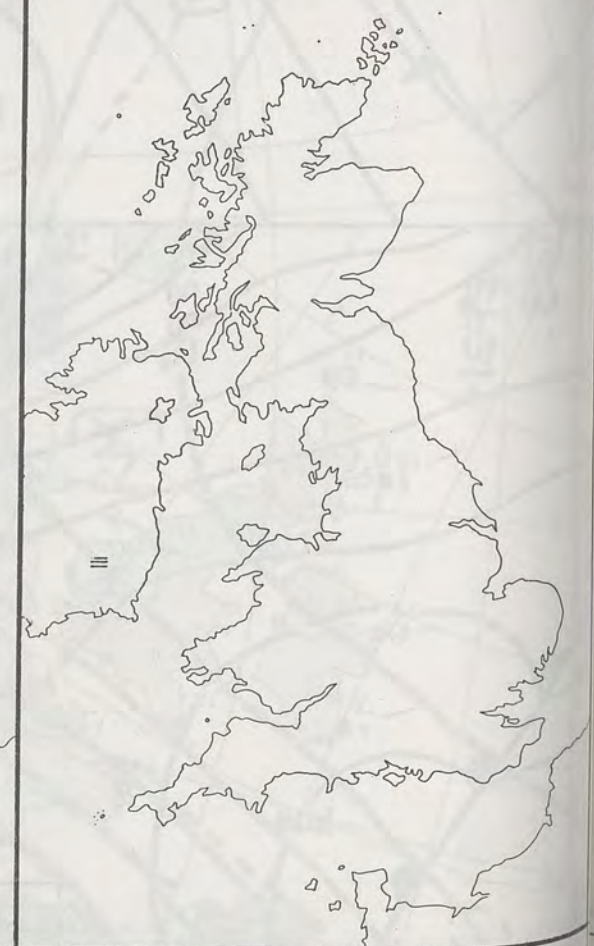


## SIGNIFICANT WEATHER CHARTS

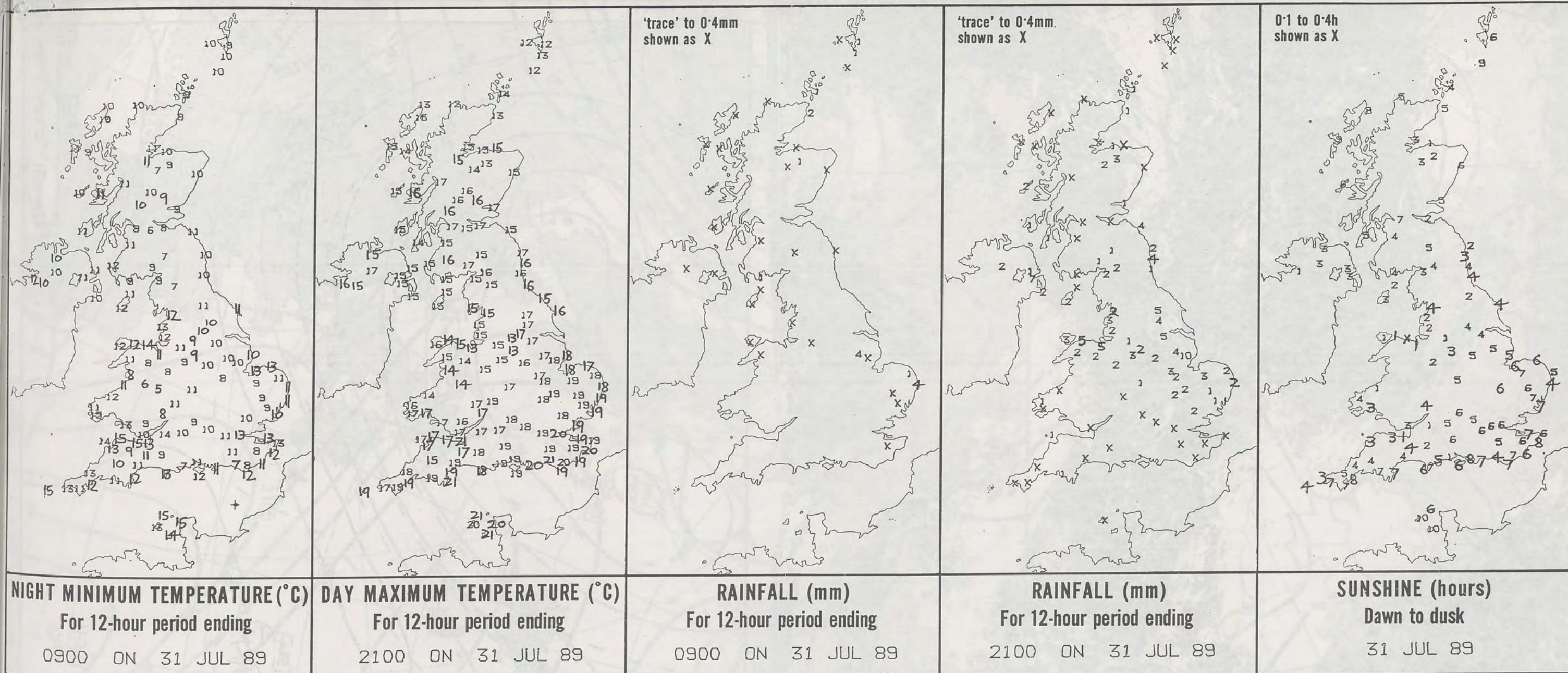
1800



2400







**EXTREMES FOR MONDAY 31ST JULY 1989**

Highest maximum	: 21.2°C Jersey/St Helier & East Hoathly
Lowest maximum	: 11.8°C Foula (Shetland)
Lowest minimum	: 5.3°C Newcastle on Clun (Shropshire)
Lowest grass minimum	: 1.6°C Bastreet (Cornwall)
Most rain (24 hours from 0900 GMT)	: 10.9 mm Hemsby (Norfolk)
Most sun	: 10.1 hours Jersey (St Helier) and Guernsey Airport

**DAILY  
WEATHER  
SUMMARY**



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