



Hydrological Memorandum No. 44

**Maps of average monthly rainfall
over the British Isles for 1941-70**

by K.E. Woodley

INTRODUCTION

This booklet contains two sets of maps of average monthly rainfall related to the 30-year period 1941-70:

1. Rainfall in millimetres for each of the twelve months, January to December.
2. Rainfall for each of the twelve months, January to December, expressed as the percentage of the average annual rainfall.

Additionally, in this set, a map is included showing the rainfall over the hydrometeorological summer half-year, April to September inclusive, also expressed as the percentage of the average annual rainfall.

In view of the scale of reproduction of these maps, the data have necessarily had to be simplified. Isopleths have been smoothed, and very small areas encircled by isopleths have either been omitted if widely separated, or merged into a single larger area if very close together.

The mapped data over the Irish Republic are based upon information provided by the Meteorological Service of the Irish Republic.



METEOROLOGICAL OFFICE

AVERAGE ANNUAL RAINFALL

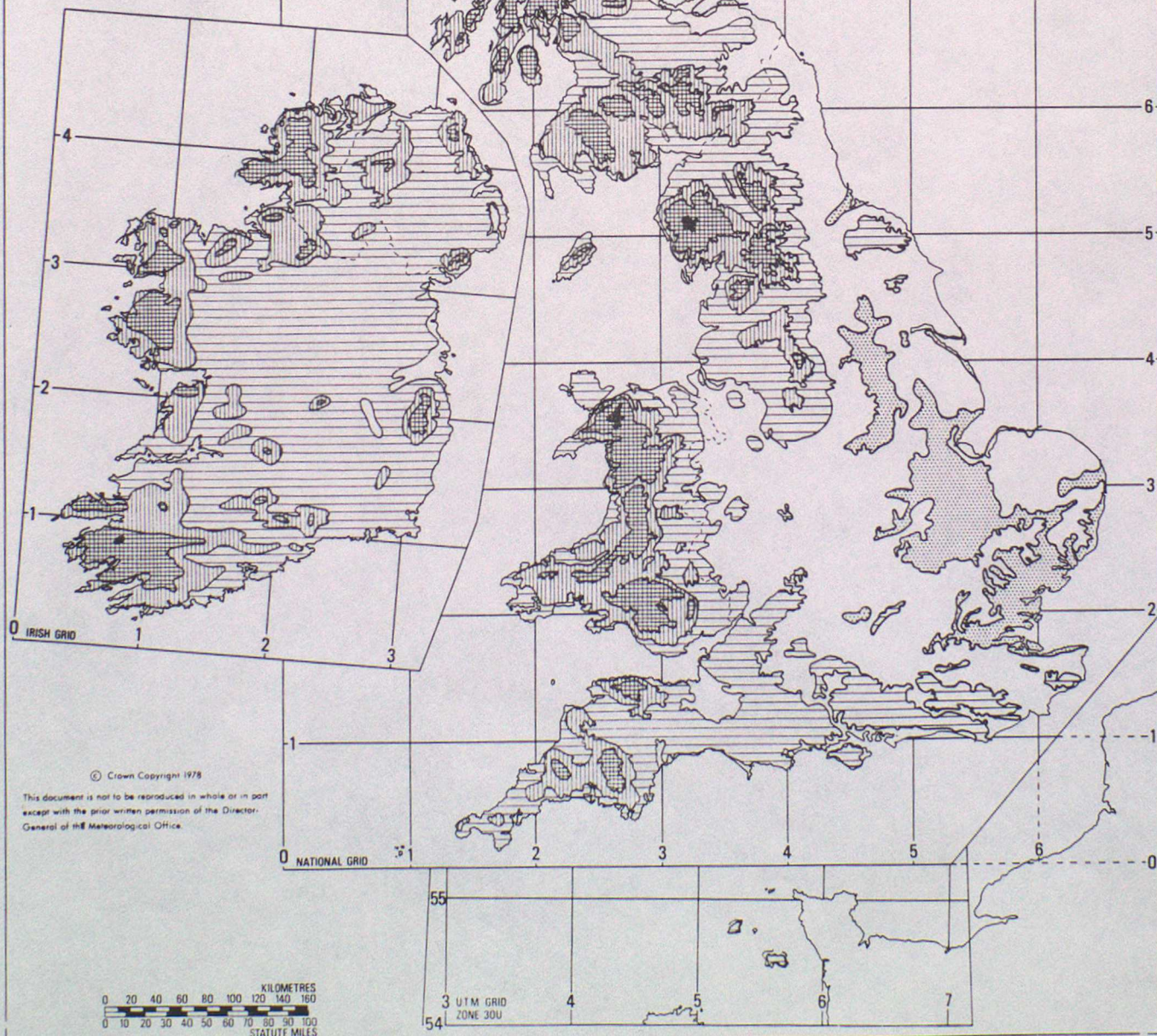
Period 1941-70

SMALL-SCALE VERSION

ISOHYETAL INTERVALS

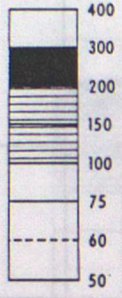
mm	nearest whole- inch equivalent
3200	126
1600	63
1200	47
800	31
600	24

Isohyets over Eire are based upon provisional data provided by the Director of the Meteorological Service of the Republic of Ireland

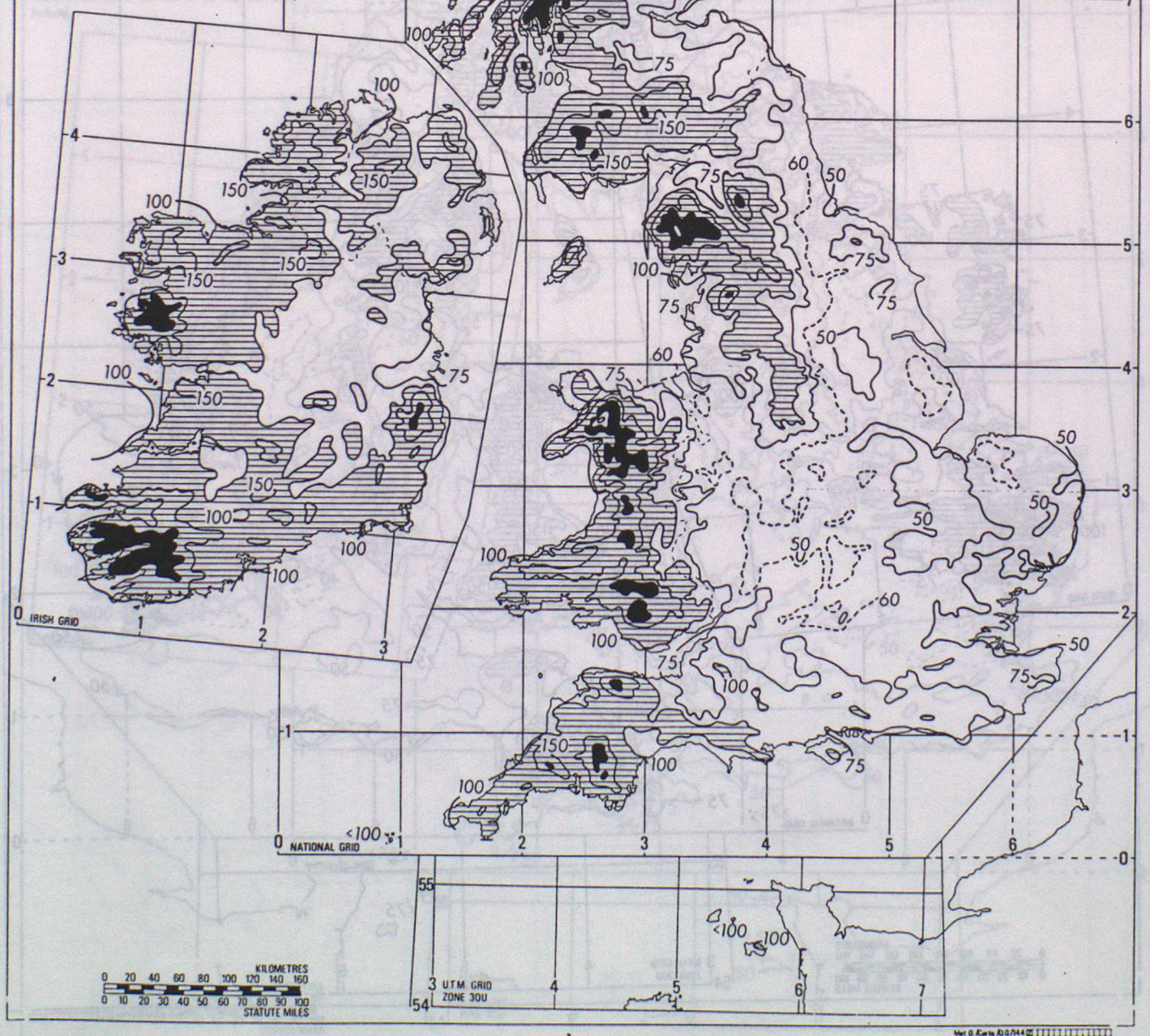


JANUARY

1941-70 average
rainfall in millimetres

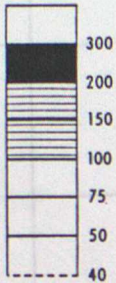


Isohyets over Eire are based upon
provisional data provided by the Director of
the Meteorological Service of the Republic of
Ireland

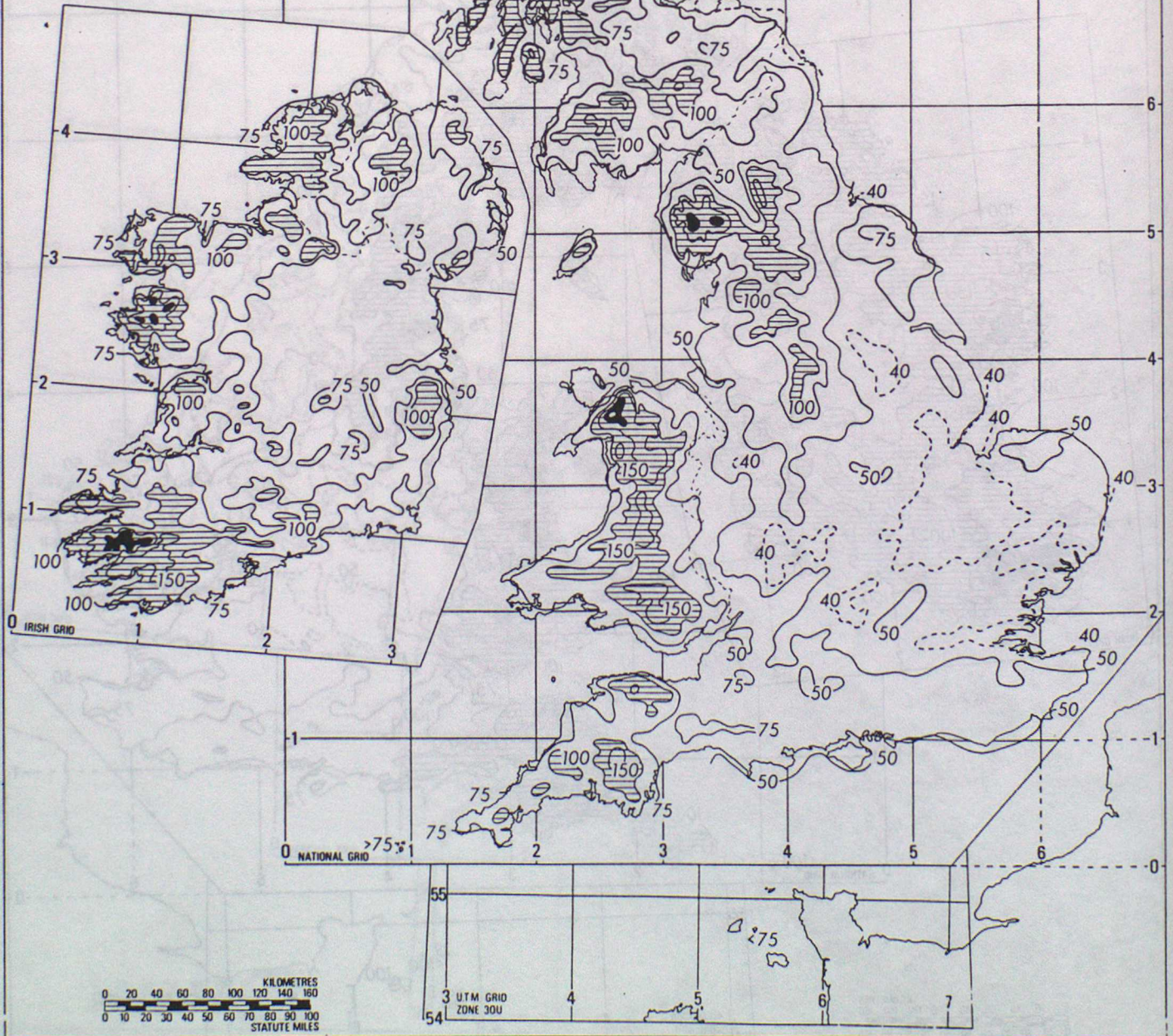


FEBRUARY

1941-70 average
rainfall in millimetres

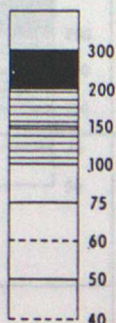


Isohyets over Eire are based upon
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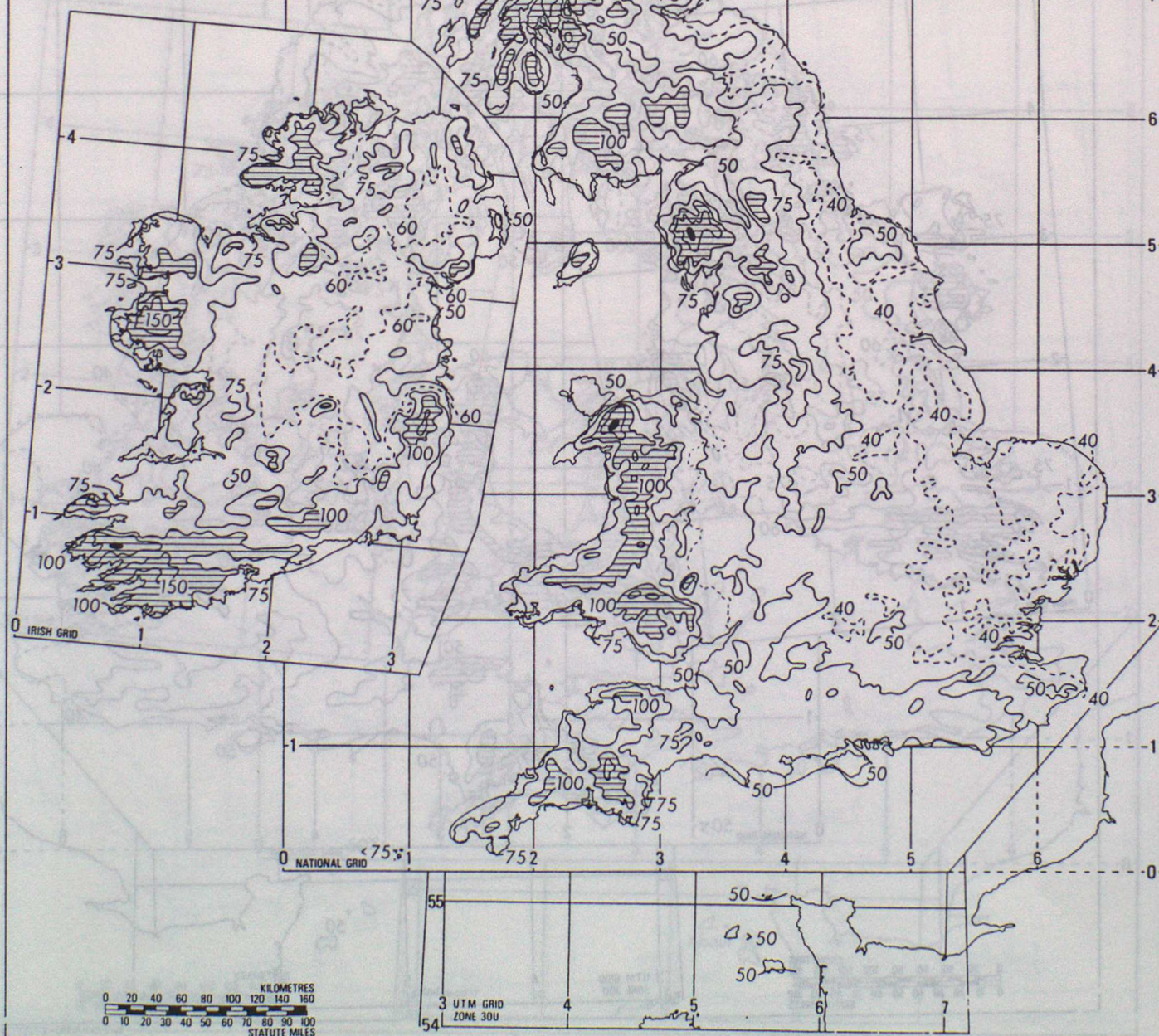


MARCH

1941-70 average
rainfall in millimetres

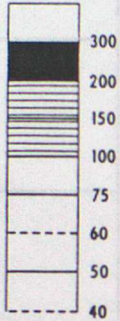


Isohyets over Eire are based upon
provisional data provided by the Director of
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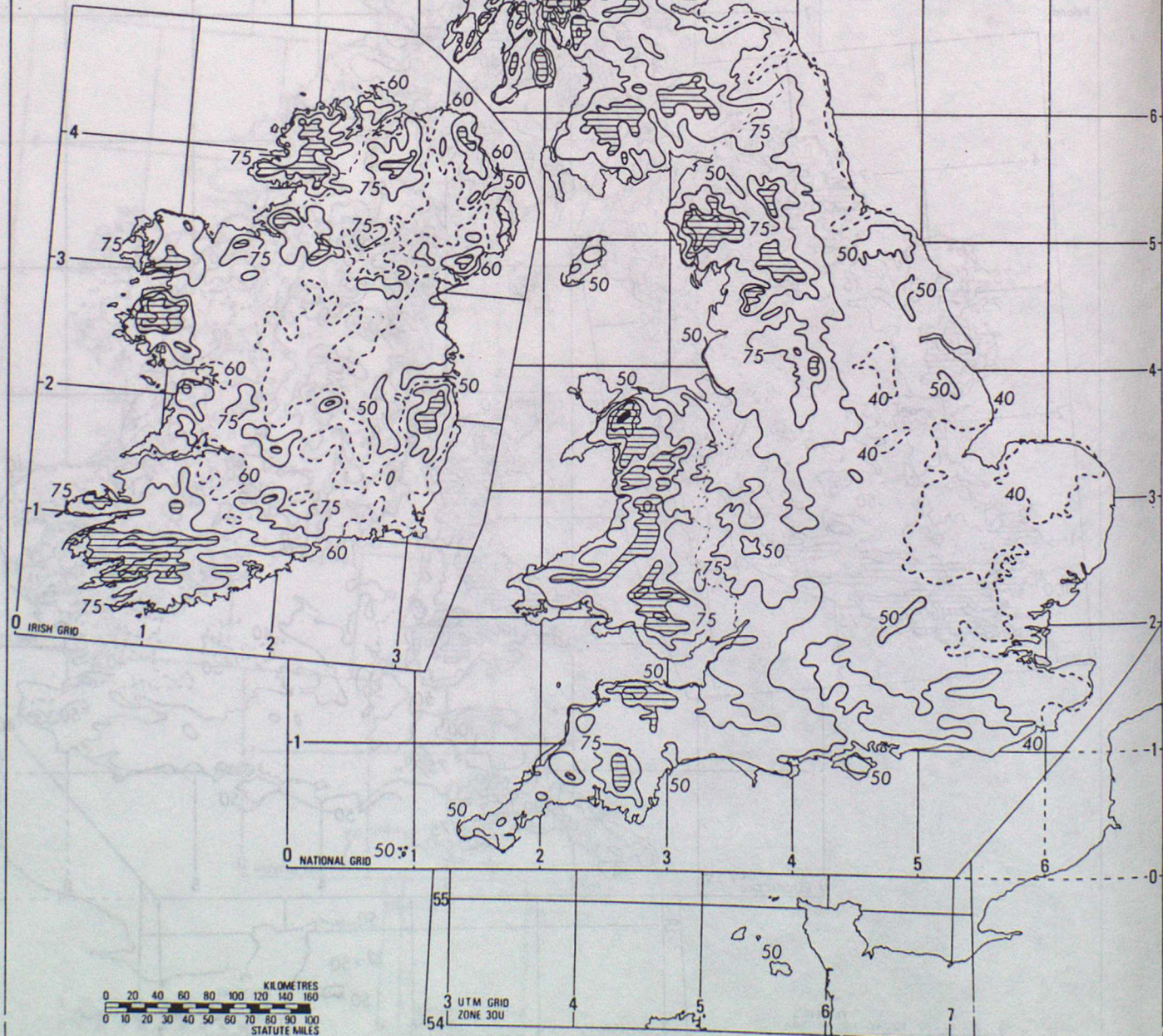


APRIL

1941-70 average
rainfall in millimetres

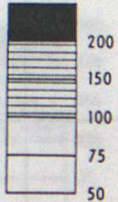


Isolyets over Eire are based upon
provisional data provided by the Director of
the Meteorological Service of the Republic of
Ireland

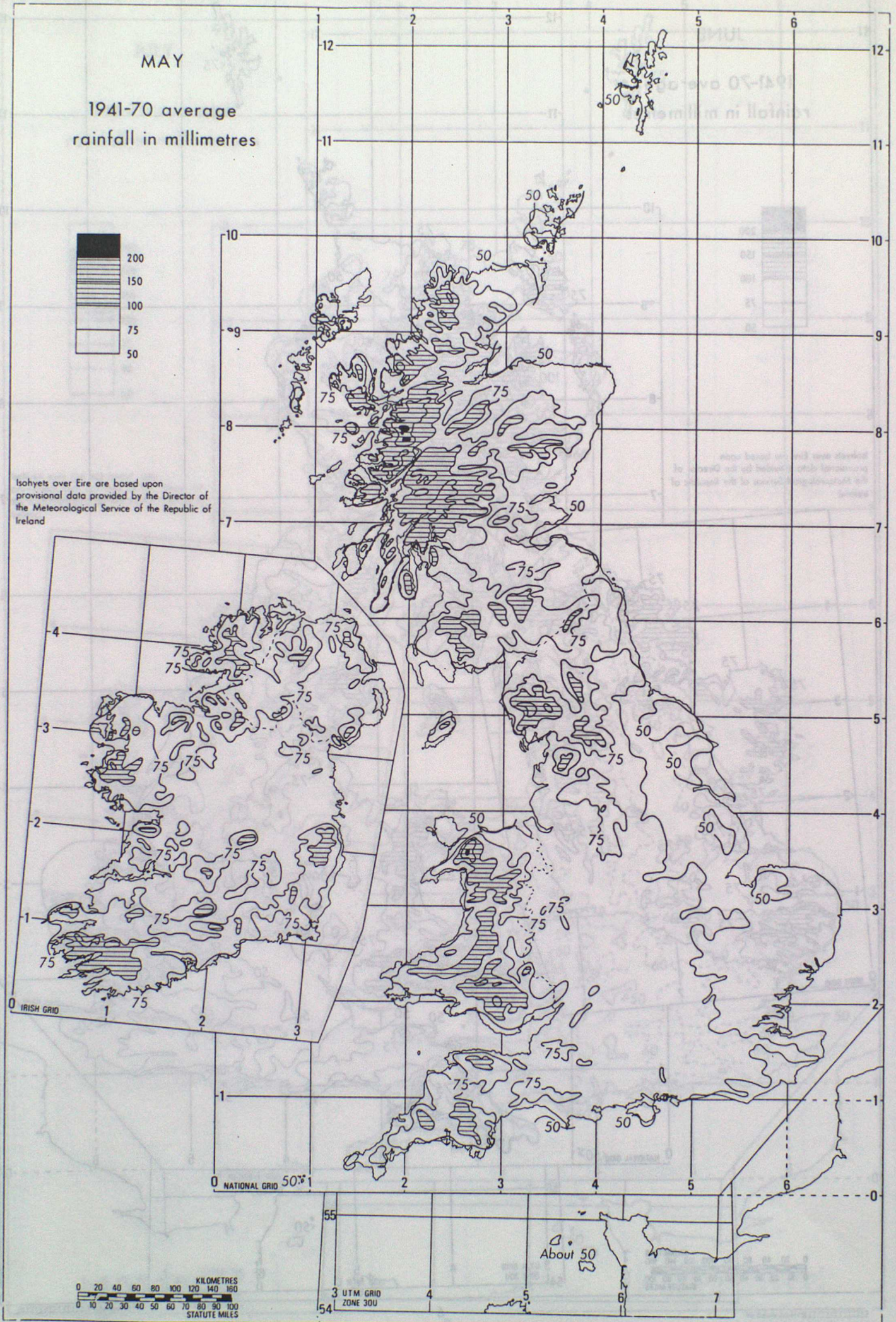


MAY

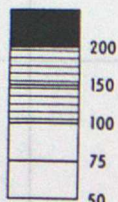
1941-70 average
rainfall in millimetres



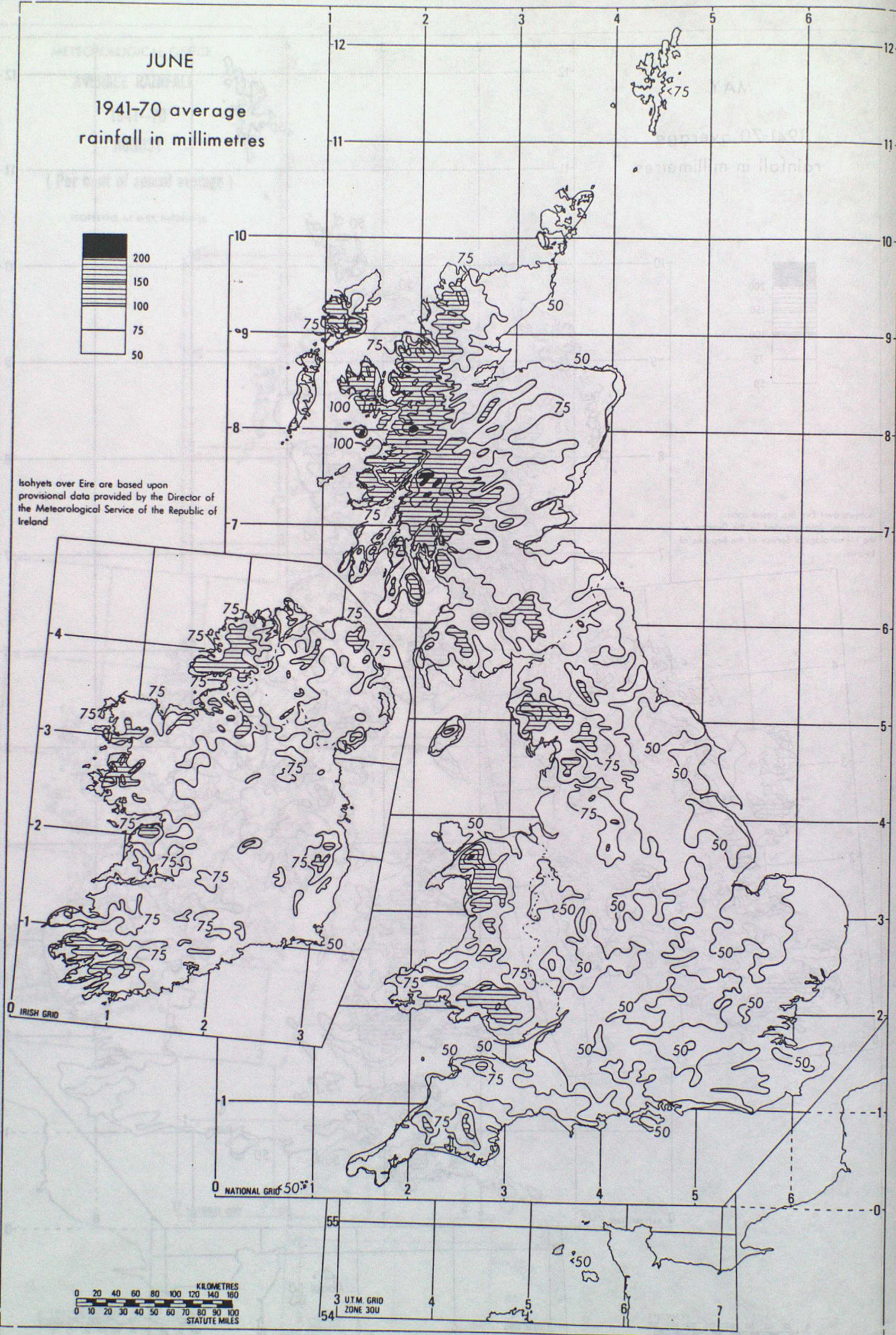
Isohyets over Eire are based upon
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the Meteorological Service of the Republic of
Ireland



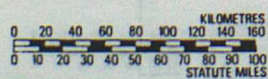
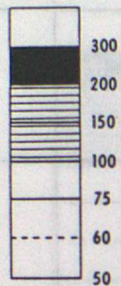
JUNE 1941-70 average rainfall in millimetres



Isohyets over Eire are based upon provisional data provided by the Director of the Meteorological Service of the Republic of Ireland



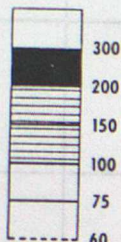
1941-70 average
rainfall in millimetres



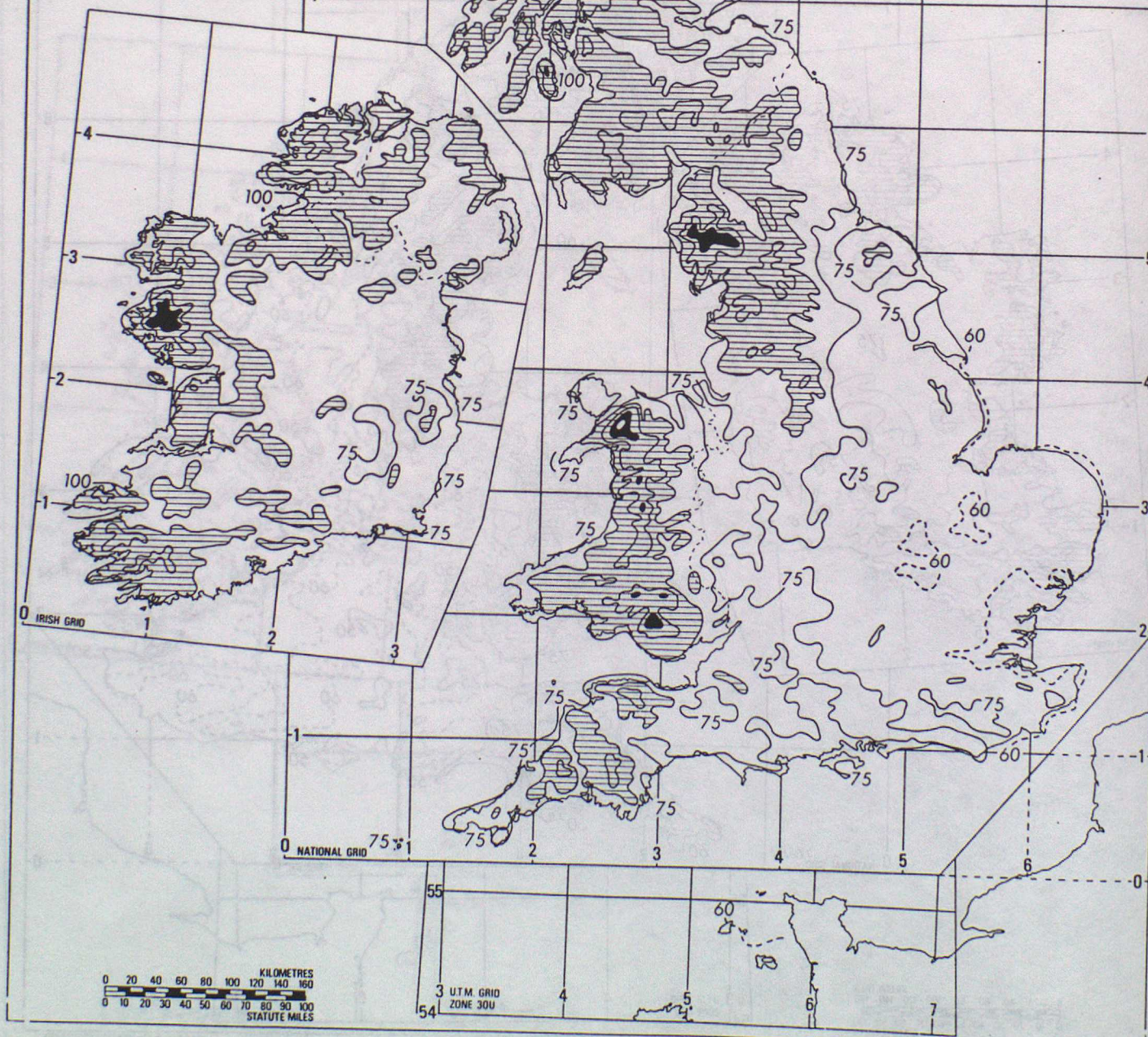
3 UTM GRID
54 ZONE 30U

AUGUST

1941-70 average
rainfall in millimetres

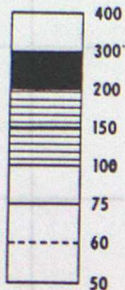


Isohyets over Eire are based upon
provisional data provided by the Director of
the Meteorological Service of the Republic of
Ireland

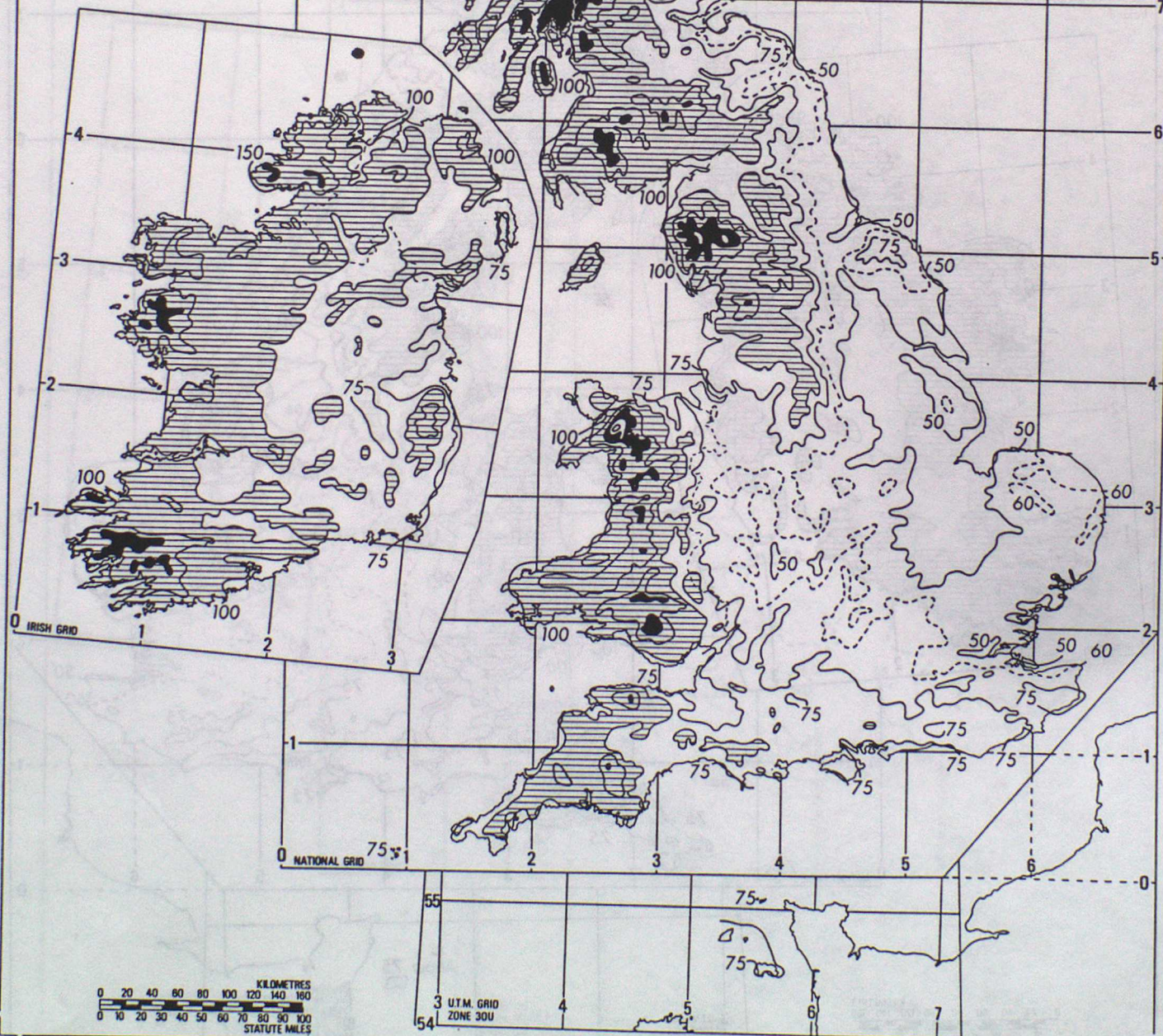


OCTOBER

1941-70 average
rainfall in millimetres

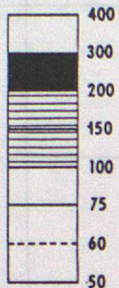


Isohyets over Eire are based upon
provisional data provided by the Director of
the Meteorological Service of the Republic of
Ireland

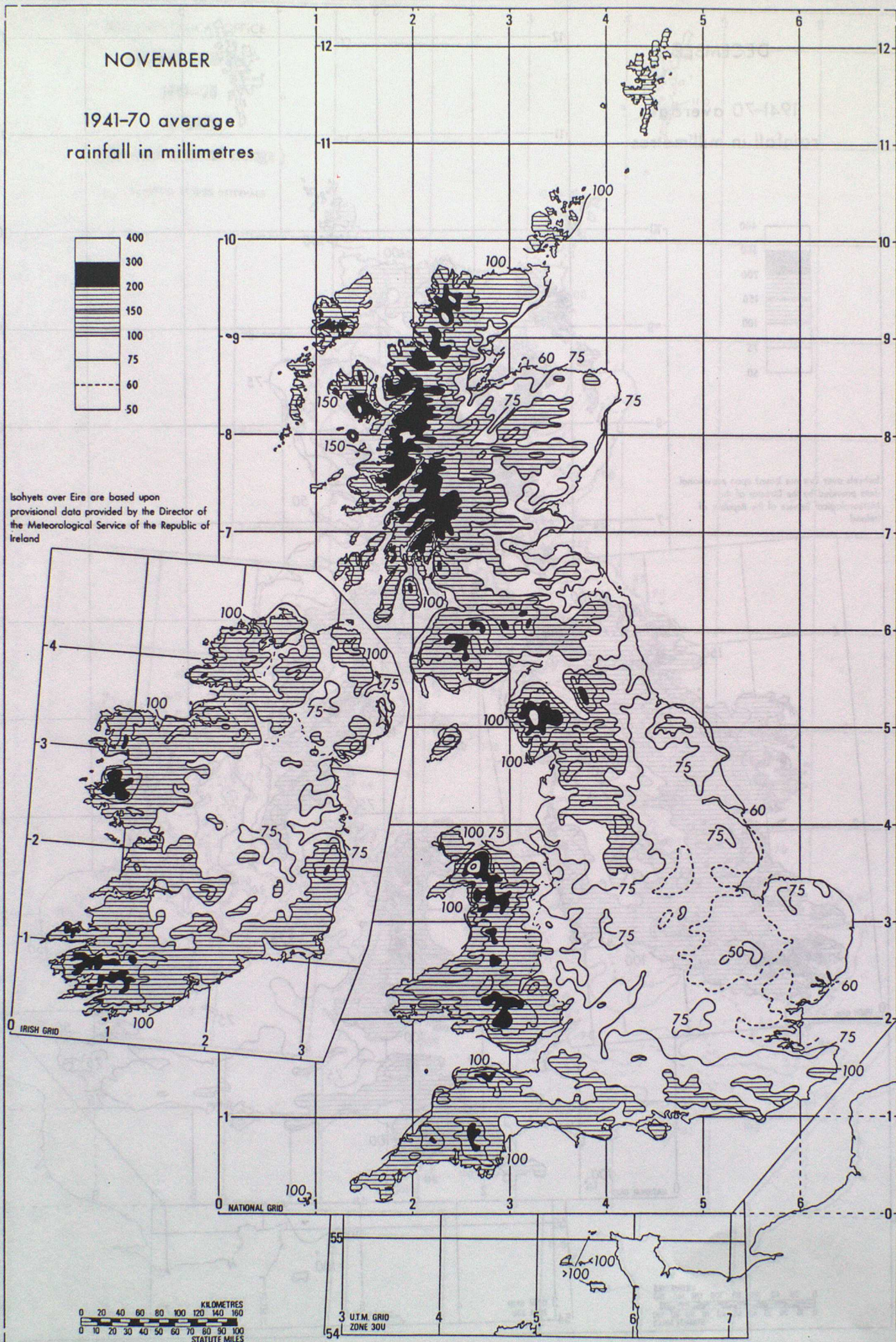


NOVEMBER

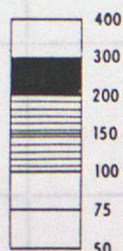
1941-70 average
rainfall in millimetres



Isohyets over Eire are based upon
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the Meteorological Service of the Republic of
Ireland



1941-70 average
rainfall in millimetres



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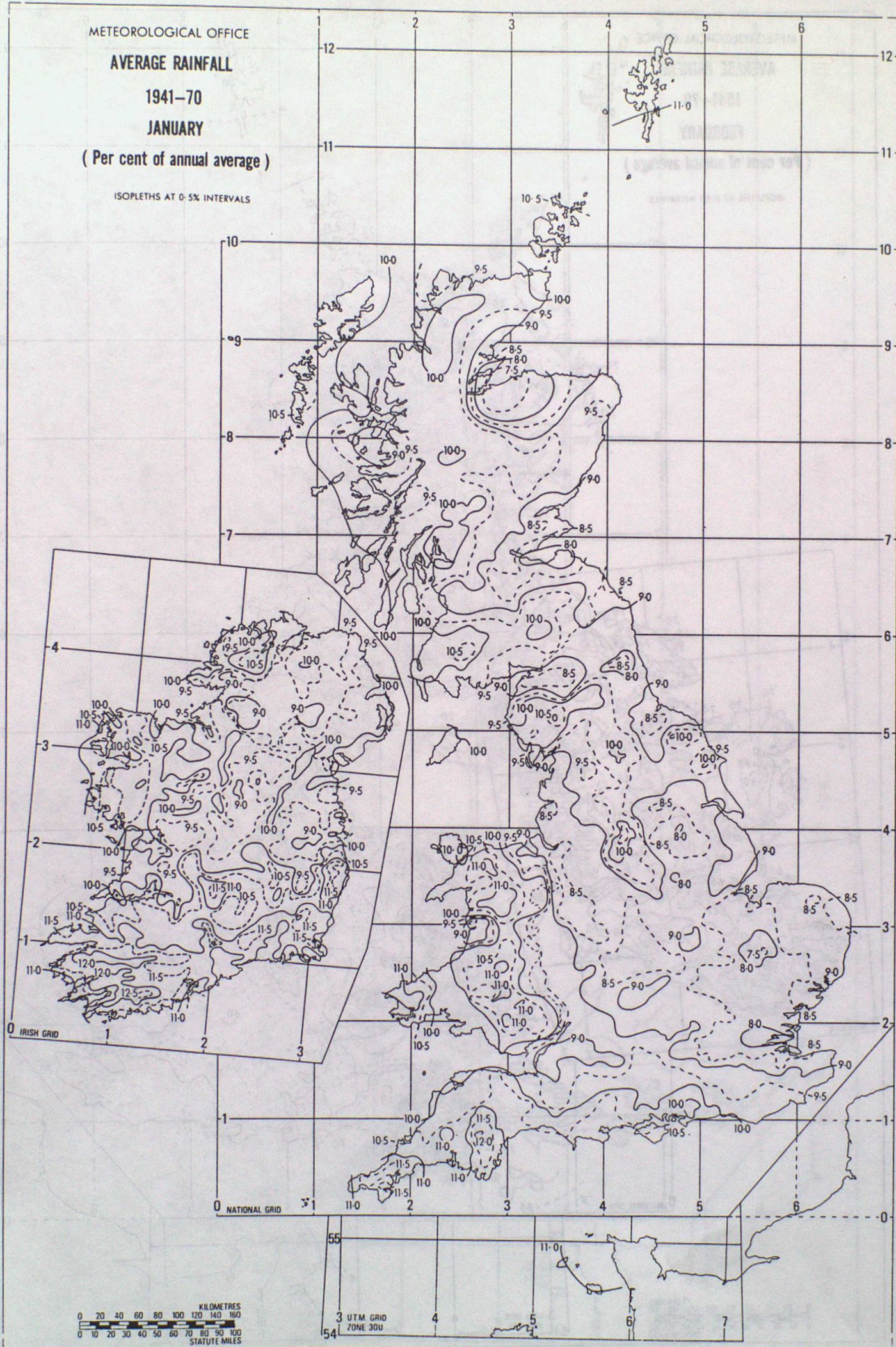
AVERAGE RAINFALL

1941-70

JANUARY

(Per cent of annual average)

ISOPLETHS AT 0.5% INTERVALS



METEOROLOGICAL OFFICE

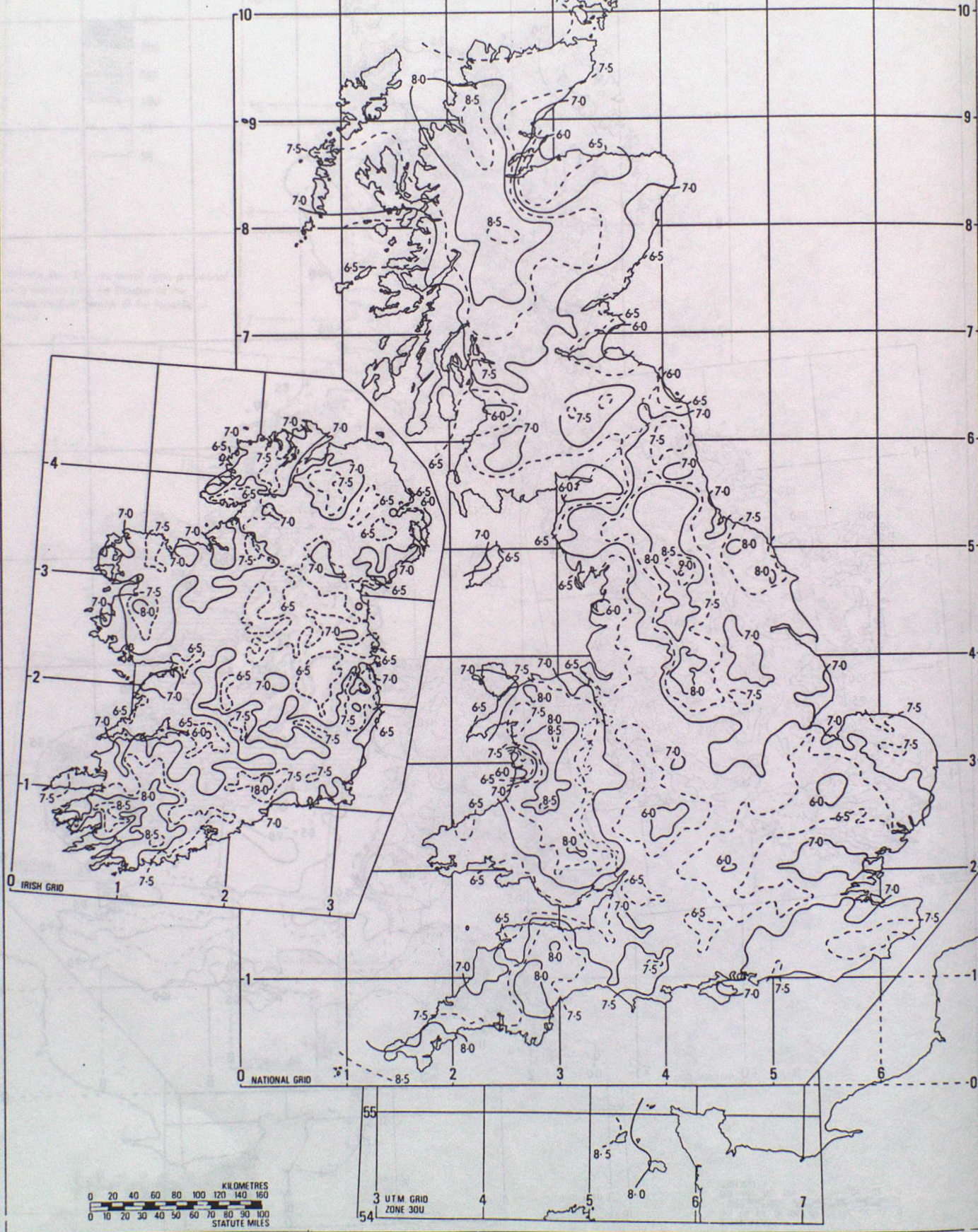
AVERAGE RAINFALL

1941-70

FEBRUARY

(Per cent of annual average)

ISOPLETHS AT 0.5% INTERVALS



METEOROLOGICAL OFFICE

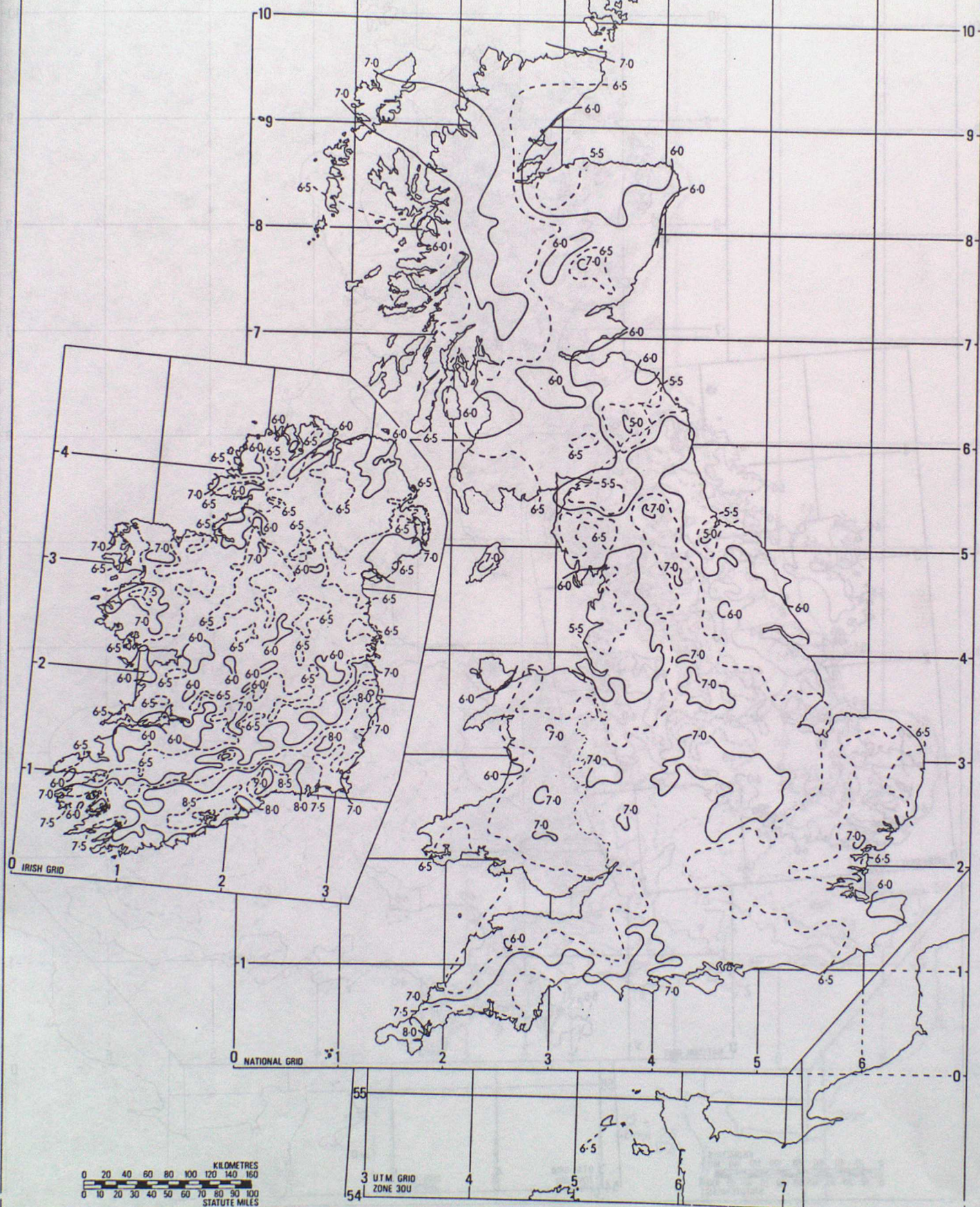
AVERAGE RAINFALL

1941-70

MARCH

(Per cent of annual average)

ISOPLETHS AT 0.5% INTERVALS



METEOROLOGICAL OFFICE

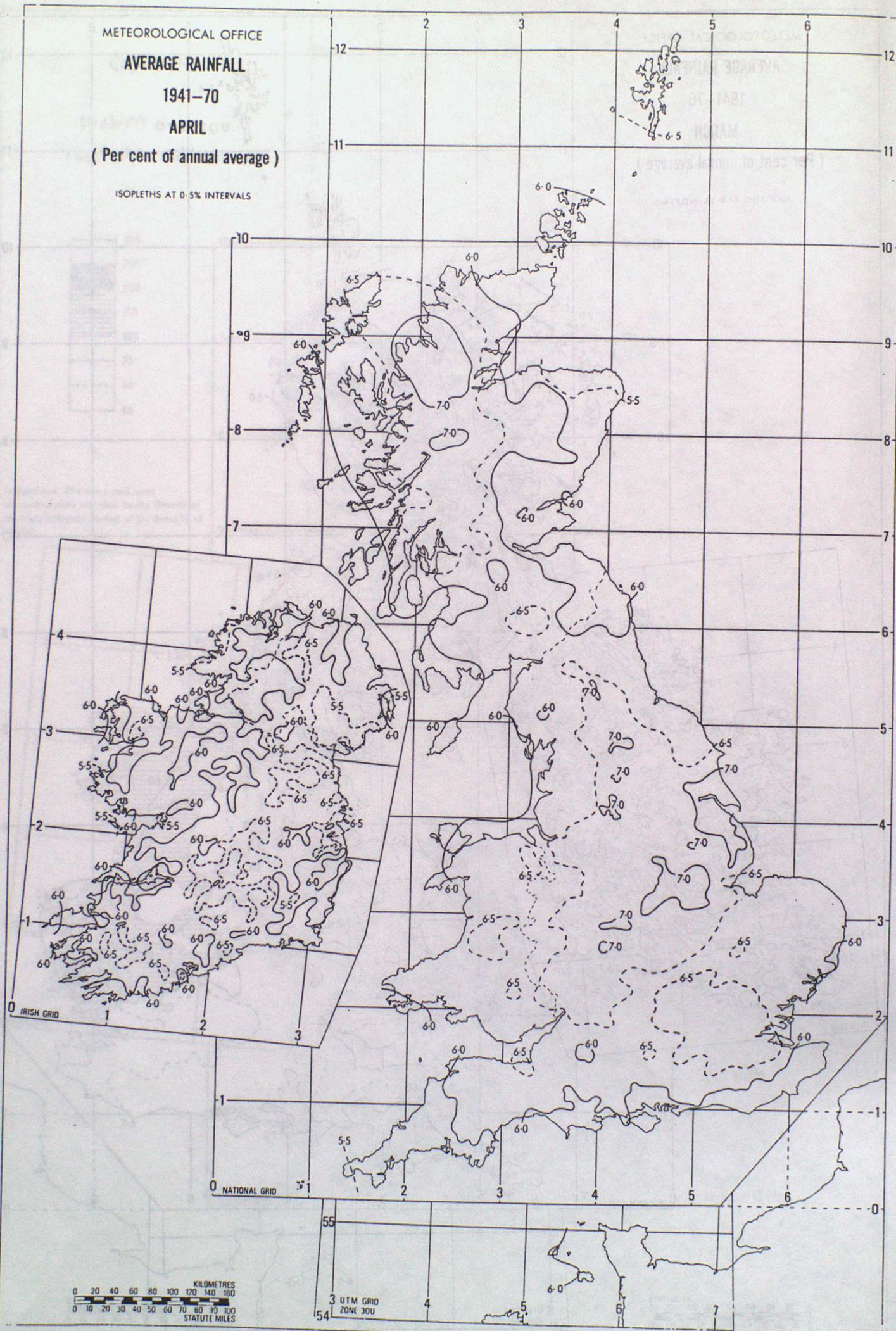
AVERAGE RAINFALL

1941-70

APRIL

(Per cent of annual average)

ISOPLETHS AT 0.5% INTERVALS



ISOPLETHS AT 0.5% INTERVALS



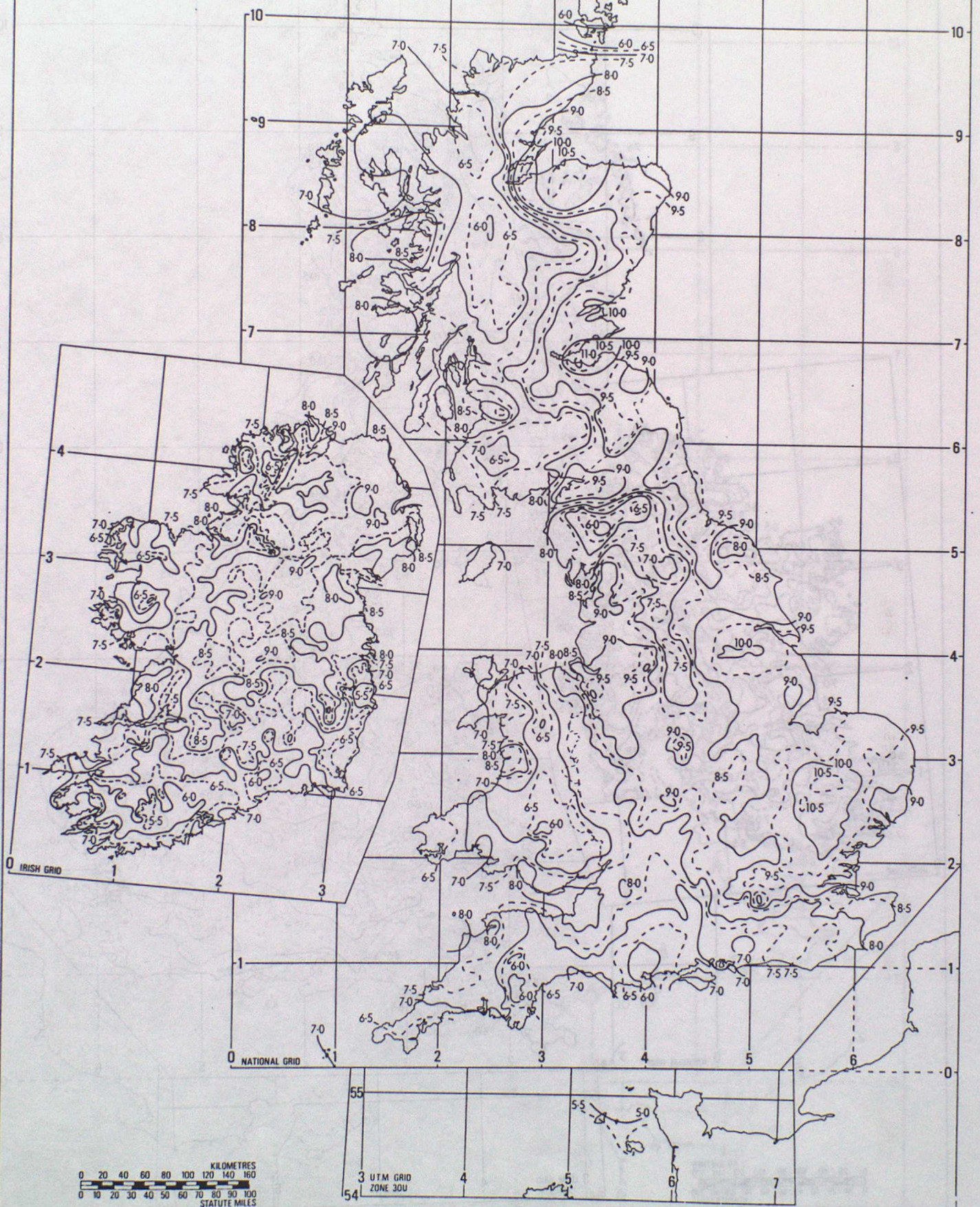
JUNE

ISOPLETHS AT 0.5% INTERVALS



METEOROLOGICAL OFFICE
AVERAGE RAINFALL
1941-70
JULY
 (Per cent of annual average)

ISOPLETHS AT 0.5% INTERVALS



METEOROLOGICAL OFFICE

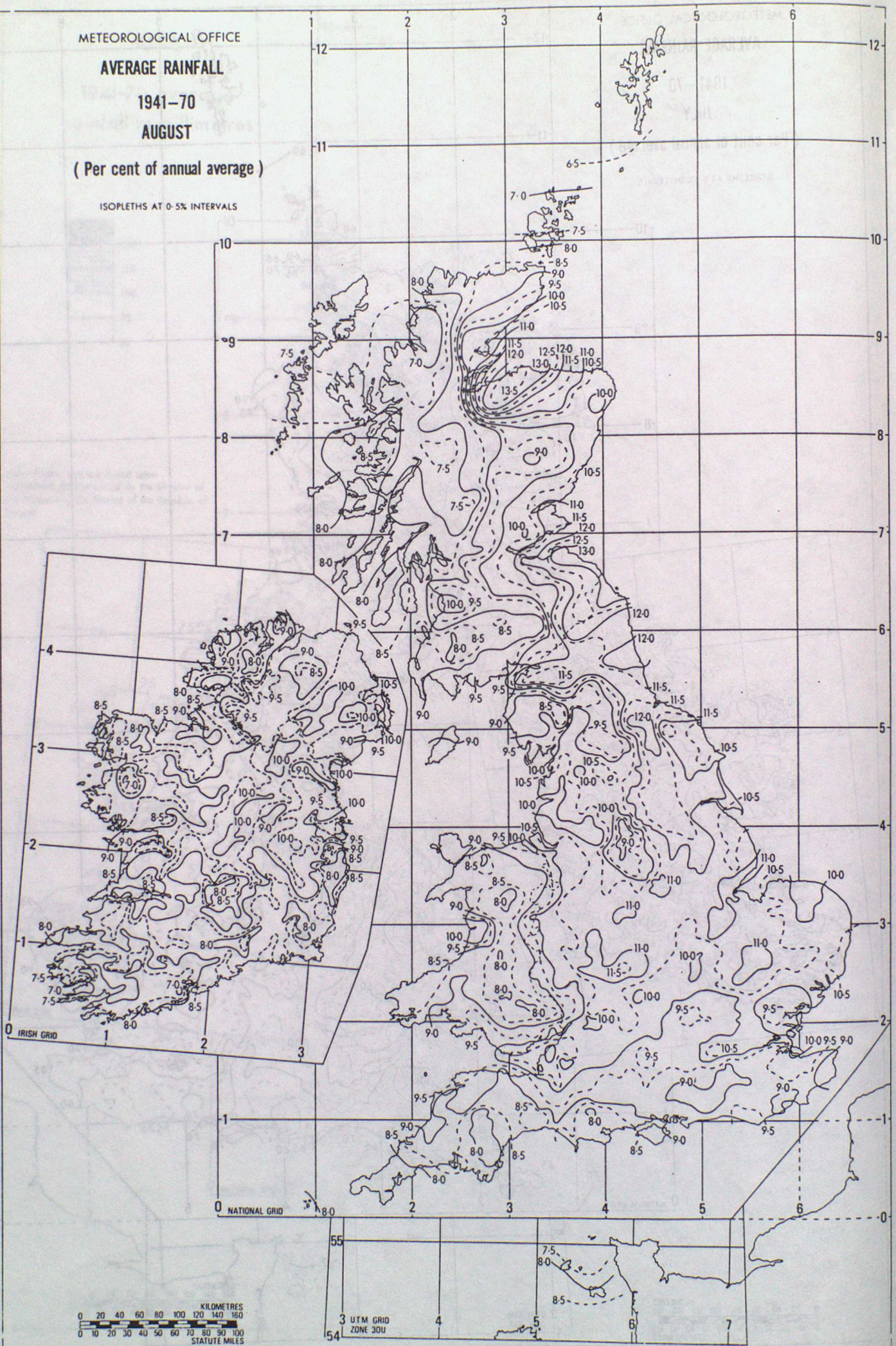
AVERAGE RAINFALL

1941-70

AUGUST

(Per cent of annual average)

ISOPLETHS AT 0.5% INTERVALS



METEOROLOGICAL OFFICE

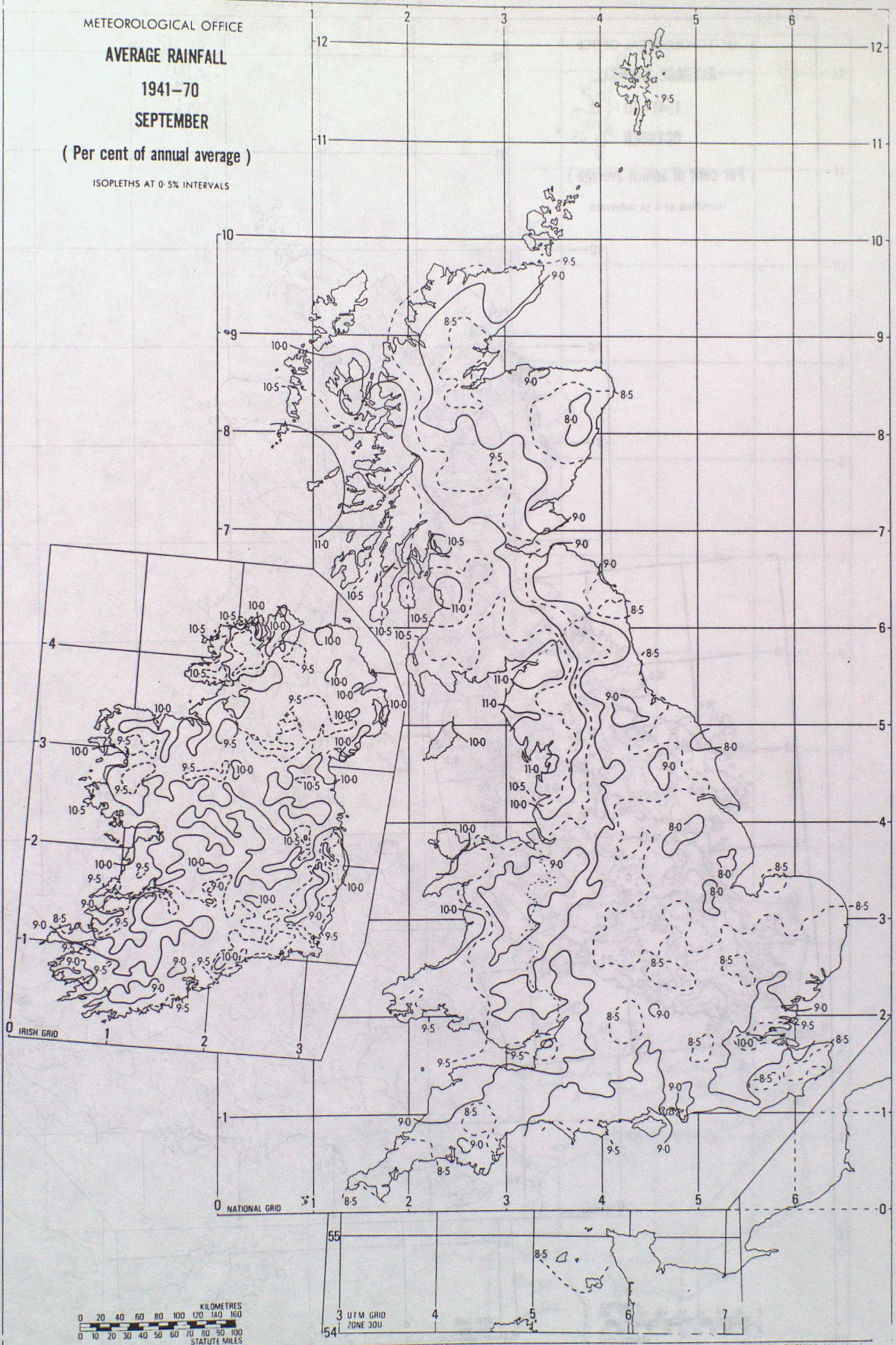
AVERAGE RAINFALL

1941-70

SEPTEMBER

(Per cent of annual average)

ISOPLETHS AT 0.5% INTERVALS



METEOROLOGICAL OFFICE

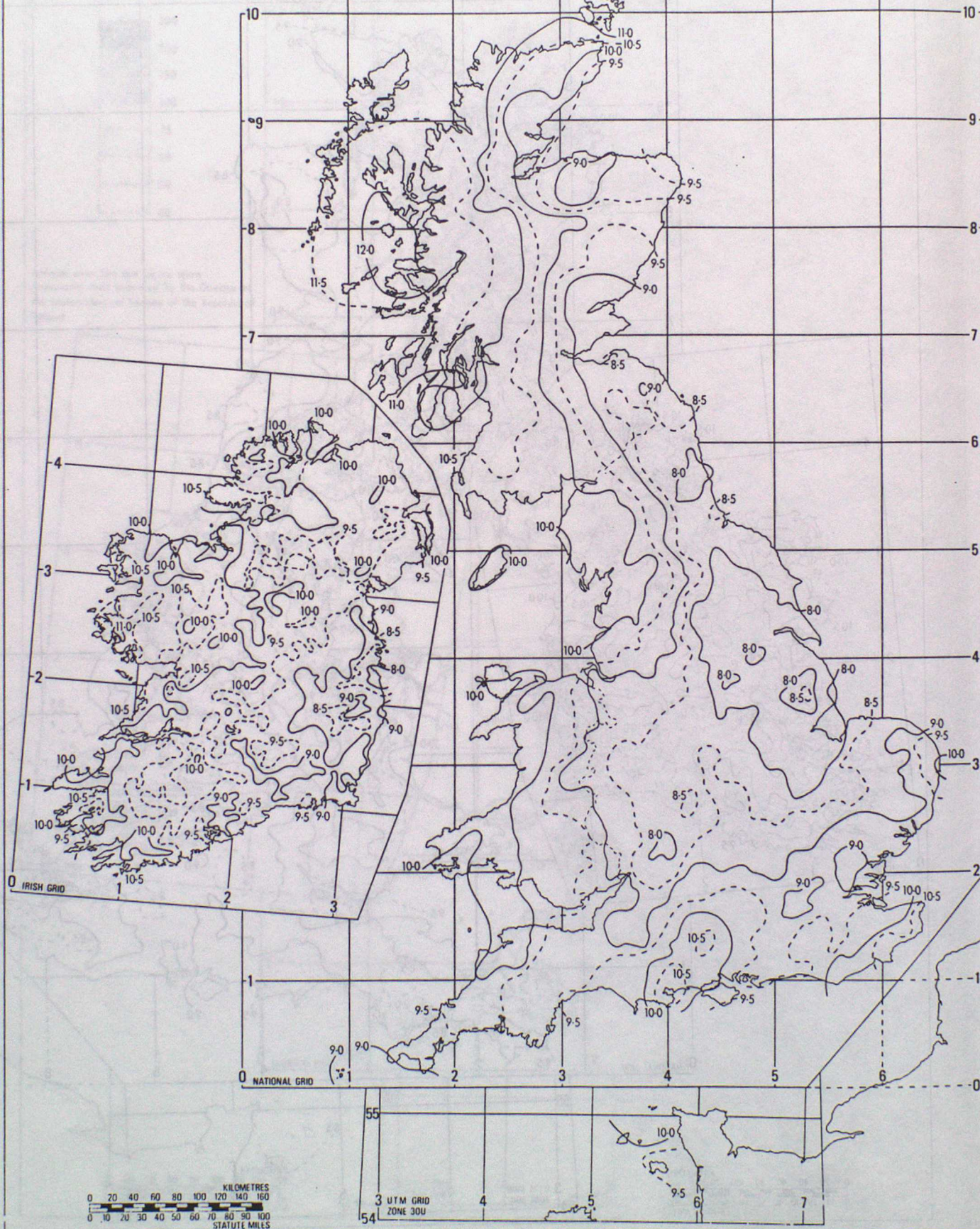
AVERAGE RAINFALL

1941-70

OCTOBER

(Per cent of annual average)

ISOPLETHS AT 0.5% INTERVALS



METEOROLOGICAL OFFICE

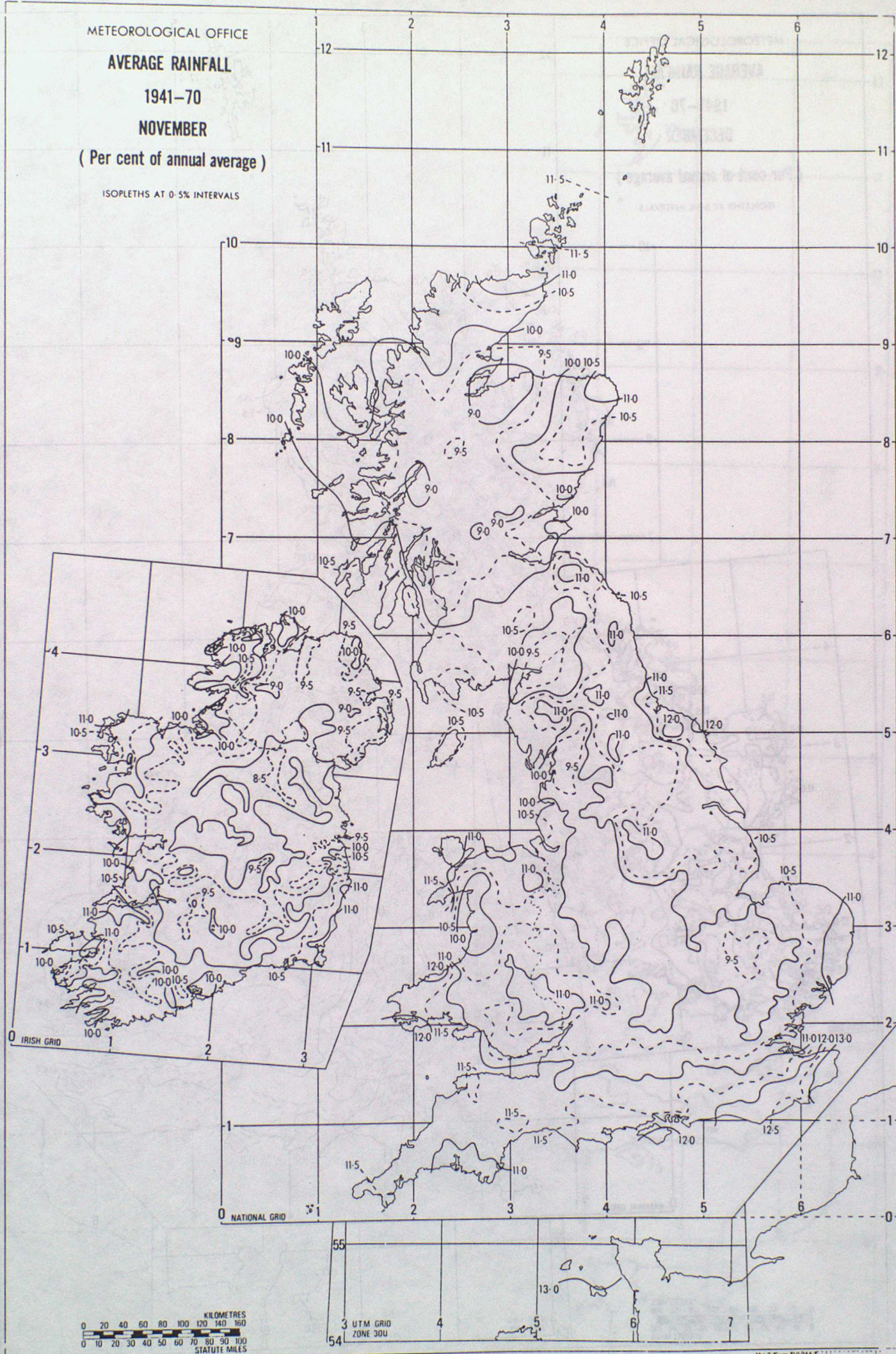
AVERAGE RAINFALL

1941-70

NOVEMBER

(Per cent of annual average)

ISOPLETHS AT 0.5% INTERVALS



METEOROLOGICAL OFFICE

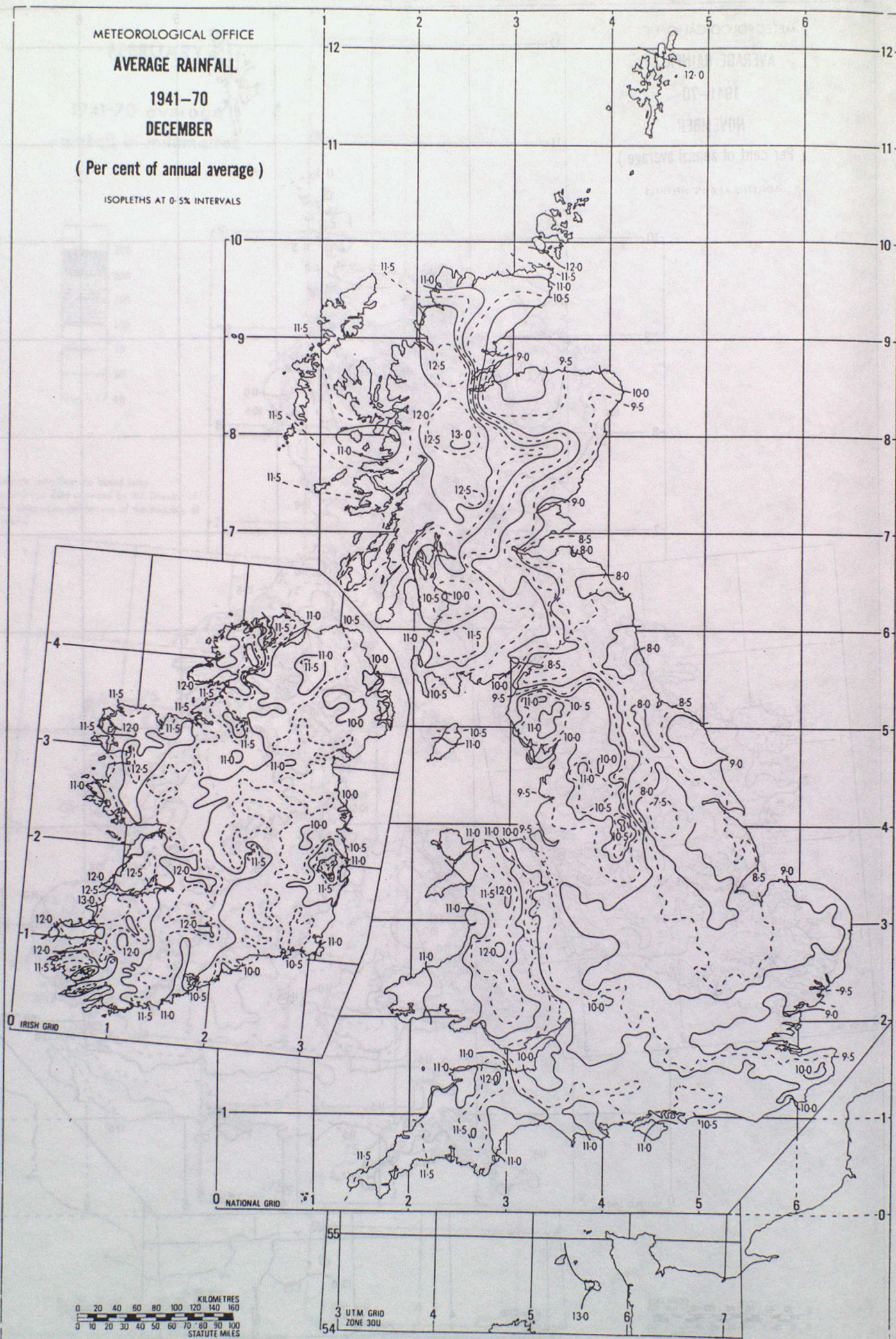
AVERAGE RAINFALL

1941-70

DECEMBER

(Per cent of annual average)

ISOPLETHS AT 0.5% INTERVALS





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AVERAGE RAINFALL
(Per cent of annual average)
Period 1941-70
SUMMER HALF-YEAR
(April-September)

ISOPLETHS AT 1% INTERVALS

NB The Winter half-year percentage of annual average is obtainable from these isopleths by subtracting this Summer value from 100

Isopleths over Eire are based upon data provided by the Director of the Meteorological Service of the Republic of Ireland

