



METEOROLOGICAL OFFICE

ESTIMATED SOIL MOISTURE DEFICIT OVER GREAT BRITAIN

AT 0900 GMT on 4 SEPTEMBER 1974

Since the issue of the last bulletin (09 GMT 28 August 1974) there has been appreciable rainfall on each day except for 28 August which was a dry day. Much of the rain over Southern England has been thundery in character and south-western districts have received the heaviest falls. The rain has been lighter over Scotland in general and no thunderstorms have been reported.

Deficits have decreased in all areas with the exception of parts of north-east Scotland. All high land in the west is now at field capacity. Despite the recent rain short rooted deficits are still in excess of 100 mm over a great deal of East Anglia.

RATES OF SUBSCRIPTION : £4.00 per season (post free)

Apply to: Director-General
Meteorological Office, Met O 8
London Road
Bracknell
Berkshire RG12 2SZ

Issued on 5 September 1974

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ESTIMATED SOIL MOISTURE DEFICIT (S.M.D.)

AT 09 GMT on 4 SEPTEMBER 1974

RIVER AUTHORITY AREA	ESTIMATED AREAL S.M.D. MM	CHANGE DURING THE WEEK ENDING 09 GMT 4 SEPT 1974 MM
Northumbrian	63.1	- 9.5
Yorkshire	63.6	- 13.1
Trent	70.3	- 12.7
Lincolnshire	100.1	- 6.8
Welland and Nene	103.1	- 4.6
Great Ouse	108.5	- 4.6
East Suffolk and Norfolk	103.3	- 6.3
Essex	128.1	- 4.2
Lee Conservancy	113.7	- 8.4
Thames Conservancy	91.1	- 16.3
London Area	102.7	- 15.5
Kent	106.4	- 10.5
Sussex	79.1	- 22.7
Hampshire	69.3	- 27.5
Isle of Wight	88.8	- 29.5
Avon and Dorset	61.9	- 31.7
Devon	34.4	- 29.0
Cornwall	13.3	- 27.9
Somerset	57.6	- 26.4
Bristol Avon	69.7	- 27.2
Severn	80.9	- 15.8
Wye	38.3	- 25.2
Usk	16.8	- 23.2
Glamorgan	21.2	- 19.9
South West Wales	18.9	- 16.1
Gwynedd	36.3	- 8.9
Dee and Clwyd	46.1	- 8.7
Mersey and Weaver	47.5	- 13.3
Lancashire	20.6	- 7.0
Cumberland	36.1	- 14.7

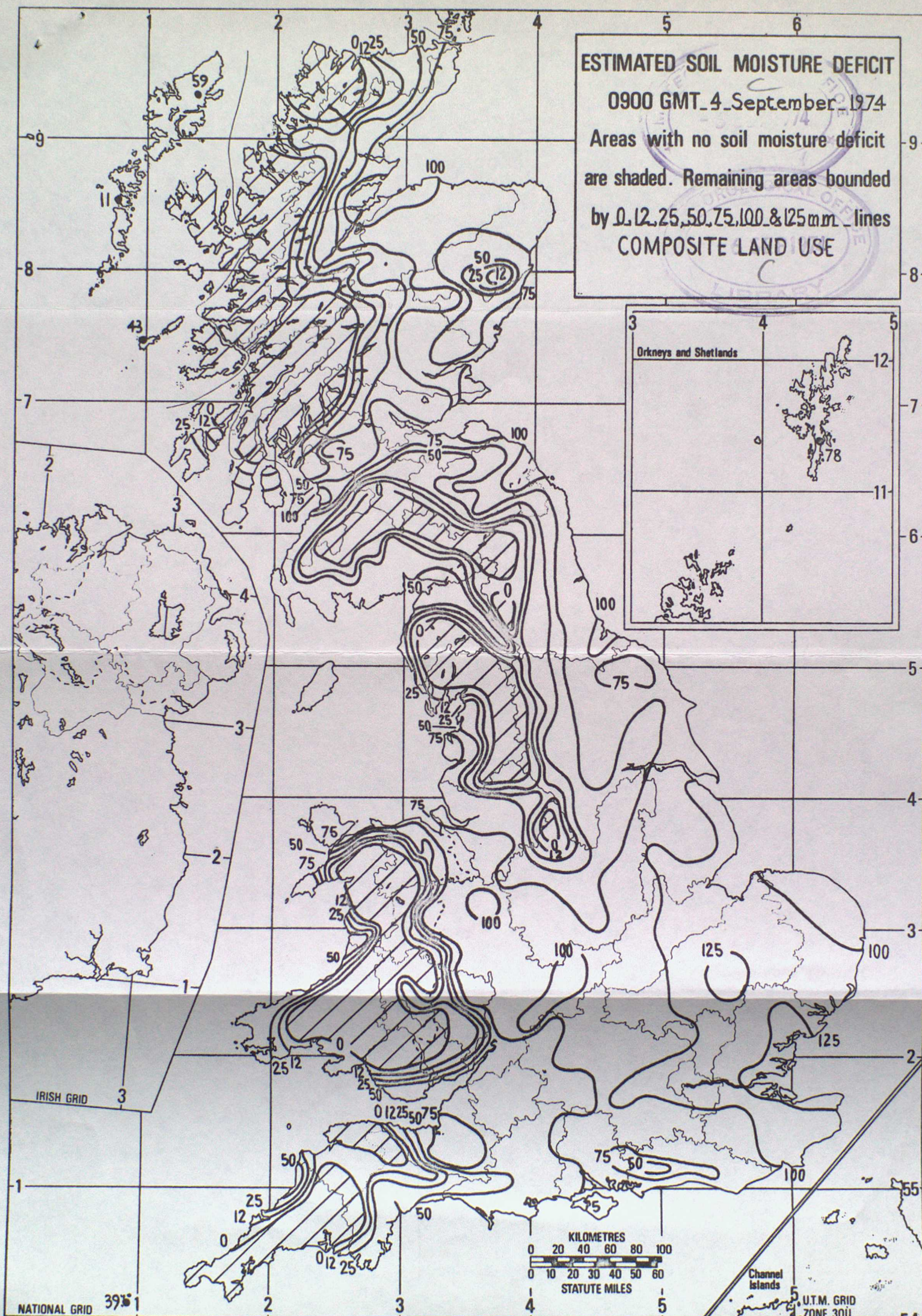
N.B. Apart from normal changes these differences also reflect retrospective adjustments after receipt of additional data.

ESTIMATED SOIL MOISTURE DEFICIT

0900 GMT 4 September 1974

Areas with no soil moisture deficit are shaded. Remaining areas bounded by 0, 12, 25, 50, 75, 100 & 125 mm lines

COMPOSITE LAND USE



ESTIMATED SOIL MOISTURE DEFICIT

0900 GMT 4 September 1974

Areas with no soil moisture deficit are shaded. Remaining areas bounded by 0, 12, 25, 50, 75 & 100mm ---- lines
SHORT ROOTED VEGETATION

