



METEOROLOGICAL OFFICE

ESTIMATED SOIL MOISTURE DEFICIT OVER GREAT BRITAIN

AT 0900 GMT ON 28 AUGUST 1974

There has been a good deal of dry weather over England and Wales since the issue of the last bulletin (14 August 1974) especially between 19 and 24 August. Prior to this there was occasional rain with isolated outbreaks of heavy rain mainly in southern England. 25 and 26 August were generally wet days but 27th was dry again. Over Scotland it has been generally unsettled with larger amounts of rain falling between 22 and 24 August.

Deficits increased in most parts of England and Wales up to 24 August but over Scotland only until 21 August. Subsequently deficits have decreased in all parts, in some cases considerably and much of the high ground of the north and west of Great Britain is at or near field capacity. In contrast much of eastern England and the Midlands and parts of Scotland around the Firths of Forth and Moray have a deficit of more than 100 millimetres. This is not unusual for the end of August although somewhat more than average.

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 30 August 1974

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

AT 09 GMT ON 28 AUGUST 1974

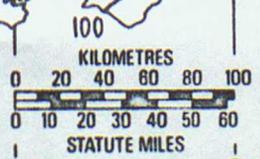
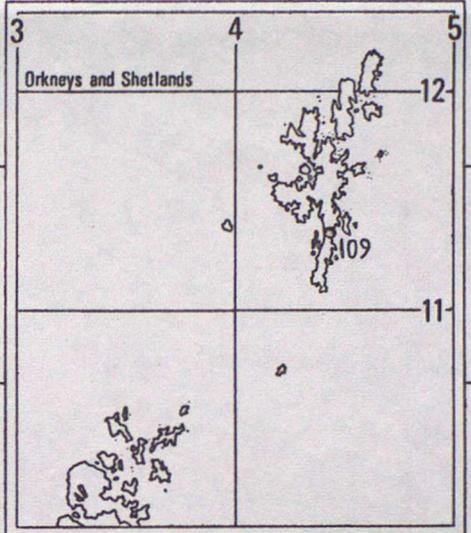
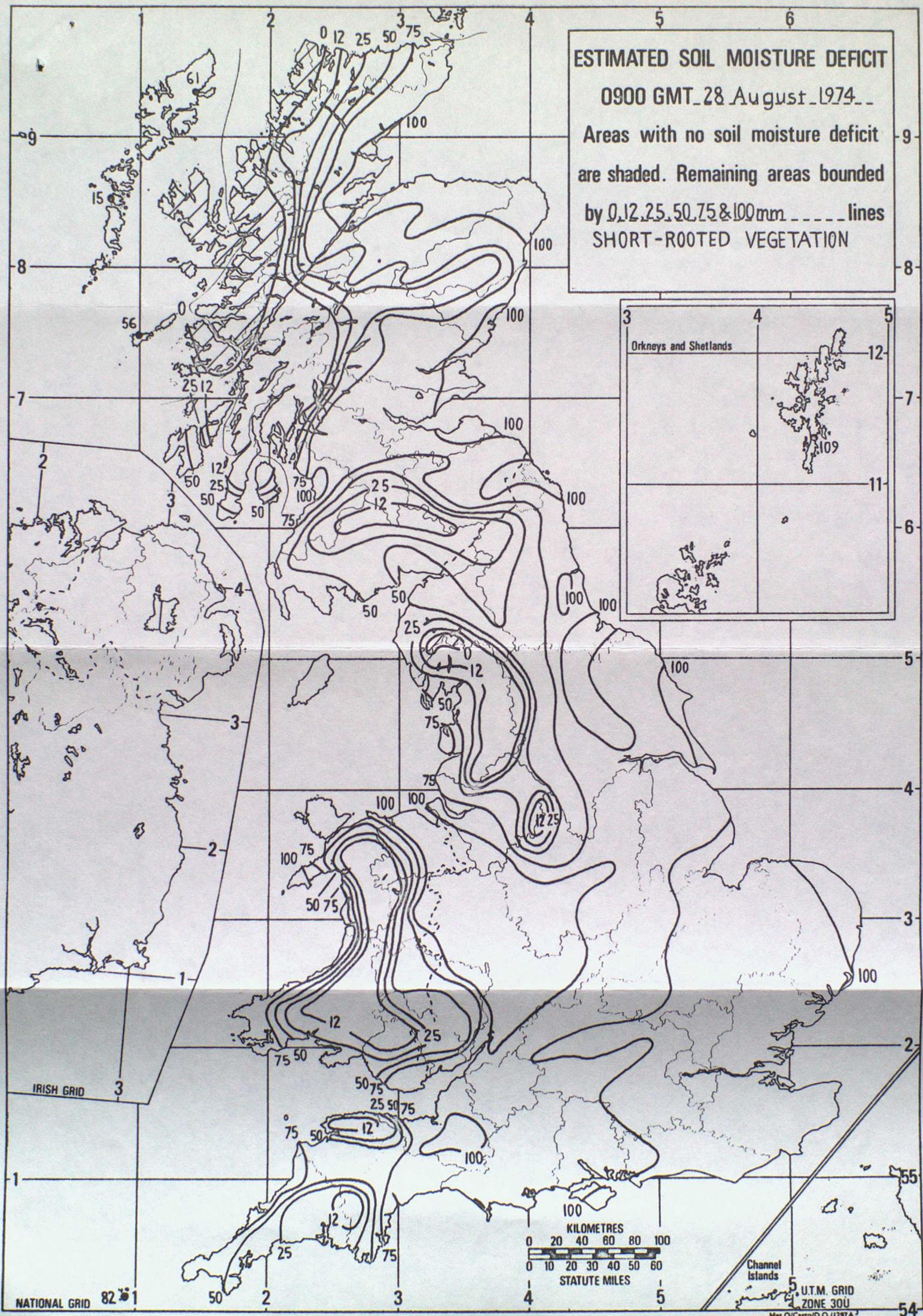
RIVER AREA	ESTIMATED AREAL	CHANGE DURING THE WEEK ENDING 09 GMT	
	S.M.D. MM	28 August 1974 MM	21 August 1974 MM
Northumbrian	72.6	+ 1.5	+ 7.9
Yorkshire	76.7	- 7.2	+ 11.3
Trent	83.0	- 7.0	+ 15.5
Lincolnshire	106.9	- 9.9	+ 13.3
Welland and Nene	107.7	- 7.2	+ 15.8
Great Ouse	113.1	- 1.4	+ 13.6
Norfolk and Suffolk	109.6	+ 4.1	+ 12.9
Essex	132.3	+ 3.0	+ 9.1
Lee Conservancy	122.1	- 0.2	+ 7.1
Thames Conservancy	107.4	- 2.6	+ 8.2
London Area	118.2	- 1.6	+ 3.6
Kent	116.9	+ 10.9	+ 8.5
Sussex	101.8	+ 2.9	+ 7.3
Hampshire	96.8	- 7.0	+ 9.0
Isle of Wight	118.3	- 10.1	+ 12.7
Avon and Dorset	93.6	- 6.1	+ 9.6
Devon	63.4	- 1.4	+ 4.9
Cornwall	41.2	- 2.6	- 0.6
Somerset	84.0	- 3.7	+ 7.5
Bristol Avon	96.9	- 3.6	+ 11.5
Severn	96.7	- 2.2	+ 13.1
Wye	63.5	- 3.2	+ 4.3
Usk	40.0	- 2.5	+ 3.4
Glamorgan	41.1	- 1.4	+ 8.8
South West Wales	35.0	- 2.1	+ 6.9
Gwynedd	45.2	- 3.4	+ 9.4
Dee and Clwyd	54.8	- 4.1	+ 17.6
Mersey and Weaver	60.8	- 4.3	+ 18.6
Lancashire	27.6	- 5.7	+ 7.6
Cumberland	50.8	+ 0.3	- 0.1

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

ESTIMATED SOIL MOISTURE DEFICIT

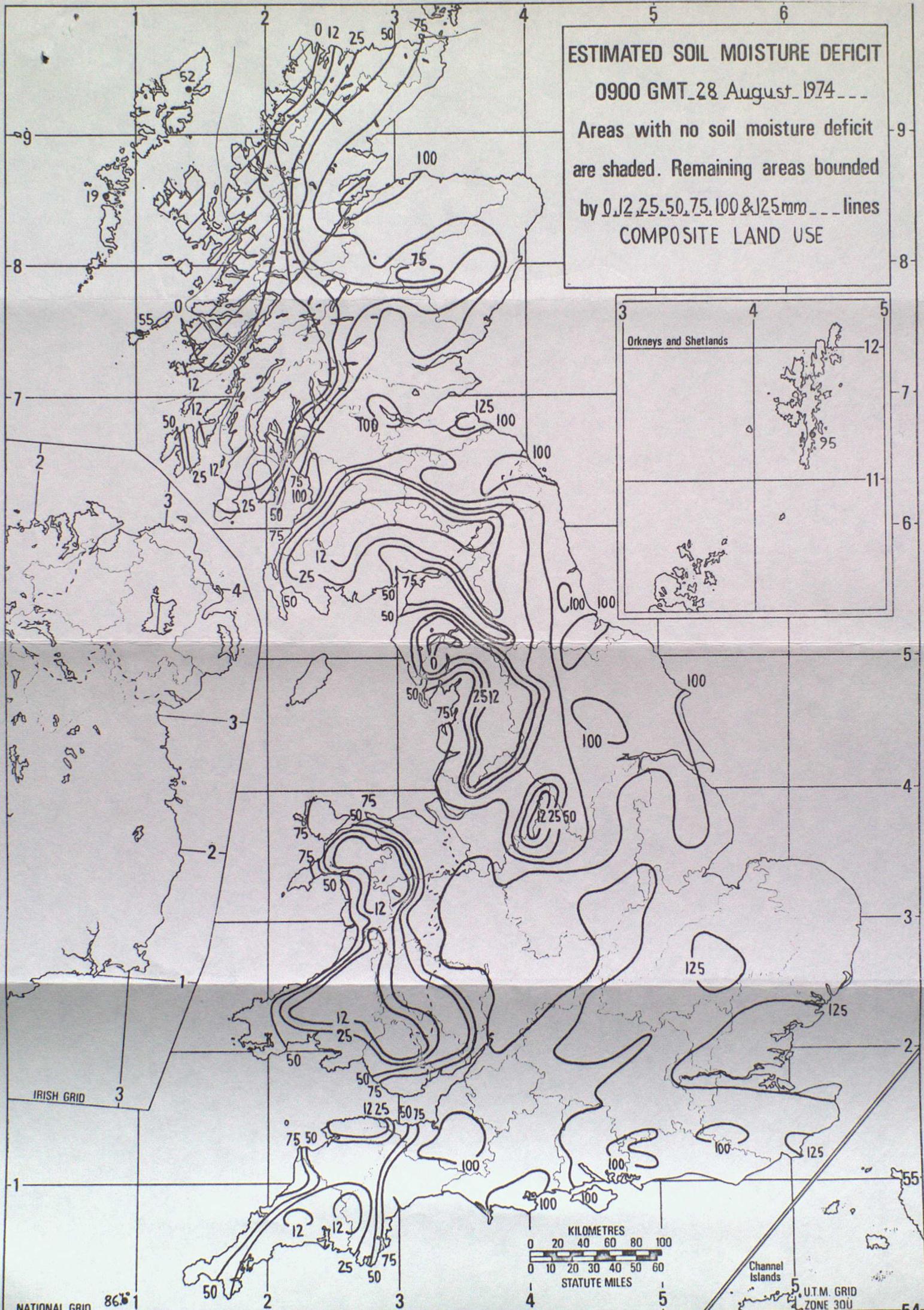
0900 GMT 28 August 1974

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

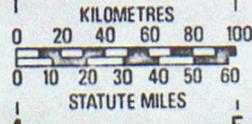
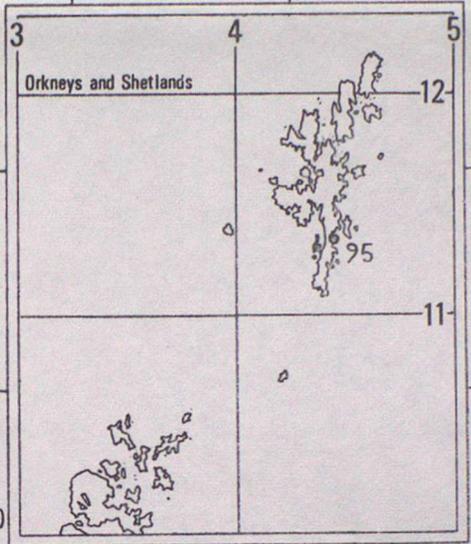


NATIONAL GRID 82 1

Channel Islands
U.T.M. GRID
ZONE 30U



ESTIMATED SOIL MOISTURE DEFICIT
0900 GMT 28 August 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



NATIONAL GRID 86° 1

Channel Islands
 U.T.M. GRID
 ZONE 30U