

METEOROLOGICAL OFFICE

ESTIMATED SOIL MOISTURE DEFICIT OVER GREAT BRITAIN

AT 0900 GMT on 31 JULY 1974



England and Wales in general, and southern England in particular, have been fairly dry since the issue of the last bulletin (09 GMT 17 July 1974). However notable rain fell over south-east England on 24 July and over northern England especially Lancashire on 30 July. The same period has been much wetter over Scotland as a whole particularly over western districts. The estimated general rainfall for England and Wales combined and also Scotland has been just below average for the first 30 days of July.

Deficits have increased over all areas apart from Lancashire and western Scotland. The increases have been greatest over south-east England. Short rooted deficits in excess of 100 mm are general over all low-lying eastern districts and thus return to the previous maximum values reached towards the end of June.

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

Apply to: Director-General
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Issued on 1 August 1974

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

AT 09 GMT ON 31 JULY 1974

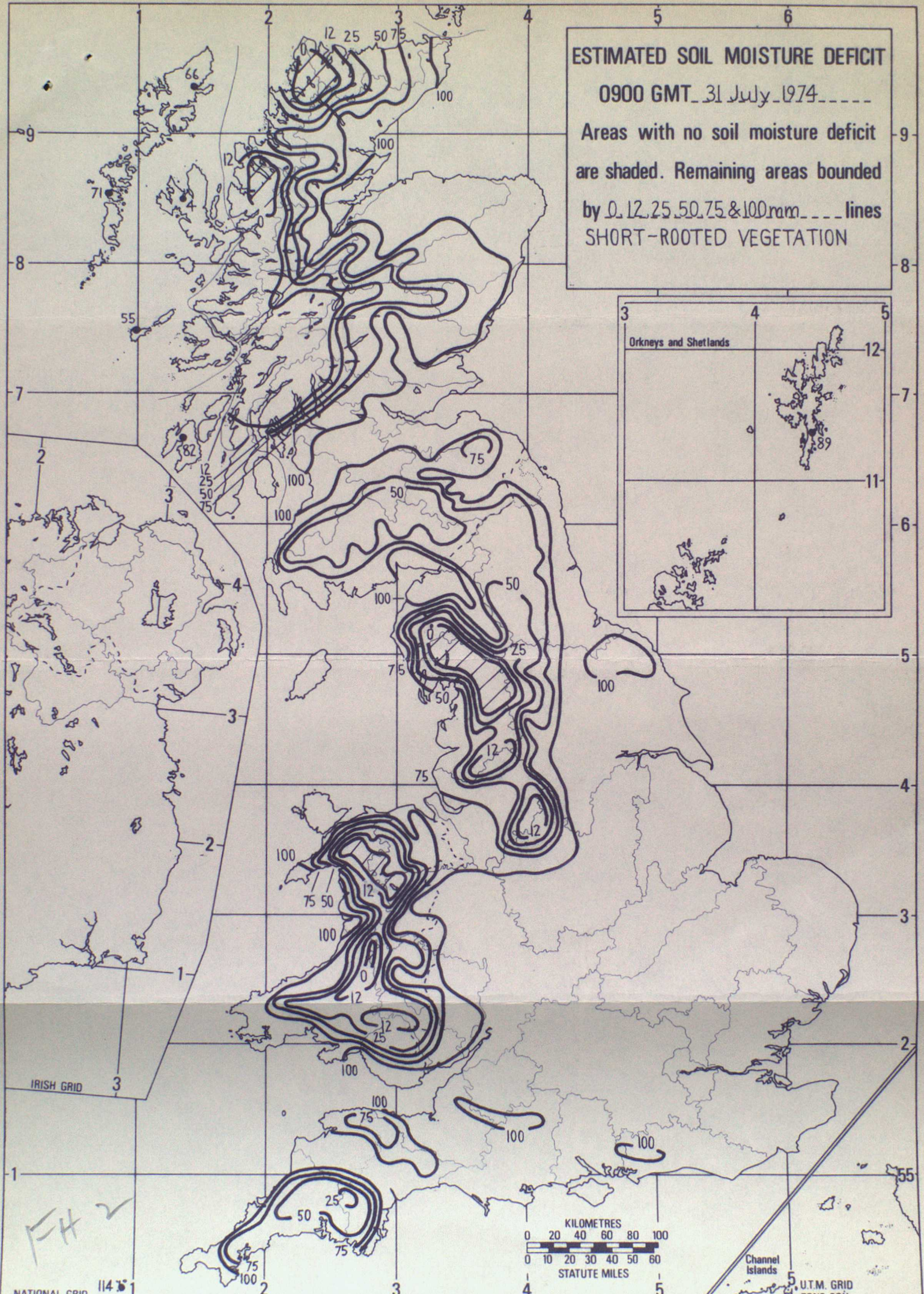
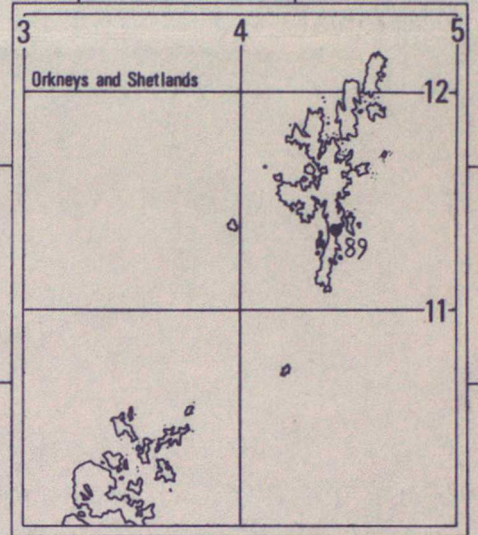
RIVER AUTHORITY AREA	ESTIMATED AREAL	CHANGE DURING THE WEEK ENDING 09 GMT	
	S.M.D. MM	31 July 1974 MM	24 July 1974 MM
Northumbrian	76.8	+ 3.8	+ 10.7
Yorkshire	86.0	- 1.8	+ 12.6
Trent	89.6	- 1.6	+ 13.8
Lincolnshire	115.3	- 1.5	+ 12.0
Welland and Nene	115.6	+ 0.7	+ 13.5
Great Ouse	119.5	+ 2.6	+ 13.4
East Suffolk and Norfolk	120.5	0.0	+ 13.1
Essex	131.5	+ 1.4	+ 9.6
Lee Conservancy	119.4	+ 3.0	+ 12.1
Thames Conservancy	110.5	+ 5.3	+ 14.0
London Area	119.6	+ 2.1	+ 17.9
Kent	111.7	+ 4.3	+ 14.4
Sussex	98.7	+ 7.0	+ 15.6
Hampshire	106.6	+ 8.4	+ 20.1
Isle of Wight	126.4	+ 5.6	+ 13.5
Avon and Dorset	102.5	+ 9.2	+ 18.5
Devon	87.2	+ 7.1	+ 12.7
Cornwall	69.3	+ 8.8	+ 11.3
Somerset	96.8	+ 8.3	+ 14.9
Bristol Avon	103.4	+ 7.8	+ 16.1
Severn	96.1	+ 1.8	+ 12.8
Wye	79.1	+ 5.9	+ 11.9
Usk	61.3	+ 7.3	+ 9.6
Glamorgan	61.4	+ 6.2	+ 7.8
South West Wales	59.6	+ 5.2	+ 6.5
Gwynedd	48.9	- 6.3	+ 11.4
Dee and Clwyd	42.9	- 10.7	+ 12.0
Mersey and Weaver	55.6	- 13.1	+ 12.6
Lancashire	31.7	- 18.7	+ 8.2
Cumberland	71.7	+ 2.4	+ 6.7

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

ESTIMATED SOIL MOISTURE DEFICIT

0900 GMT 31 July 1974

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



ESTIMATED SOIL MOISTURE DEFICIT

0900 GMT 31 July 1974

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

