



METEOROLOGICAL OFFICE

ESTIMATED SOIL MOISTURE DEFICIT OVER GREAT BRITAIN

AT 0900 GMT ON 9 NOVEMBER 1977

Following the issue of the previous bulletin (26 October 1977) the weather over Great Britain has been generally unsettled, although from 26th to 29 October amounts of rain were generally small and confined mostly to the North and West. The 30 October was particularly wet over the Lake District and southern Scotland, with a fall of 153 mm being recorded at Coniston in Cumbria. The wettest days over England and Wales were 30 October and 1 November, with 30 October and 5th and 6 November being the wettest days over Scotland. Falls of 20 mm or more occurred at Eskdalemuir, Dumfries (95 mm) on 30th, Lerwick, Shetland (20 mm) on 31 October, Watnall, Nottinghamshire (30 mm) on 1st, Benbecula, Western Isles (21 mm) on 2nd, Hurn, Dorset (24 mm) on 5th and Abbotsinch, Strathclyde (29 mm) on 6 November.

Over the whole of Great Britain deficits have been decreasing throughout the period, with the largest decreases being generally over the south east of England. Over England and Wales, where composite land use deficits still exist, they are generally near to, or somewhat above average for the time of year and well above over most of the eastern half of England. The largest deficits are at Cromer (101 mm for short rooted vegetation) and Lowestoft (112 mm for composite land use).

RATES OF SUBSCRIPTION: £10.00 per season (post free)

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Issued 10 November 1977

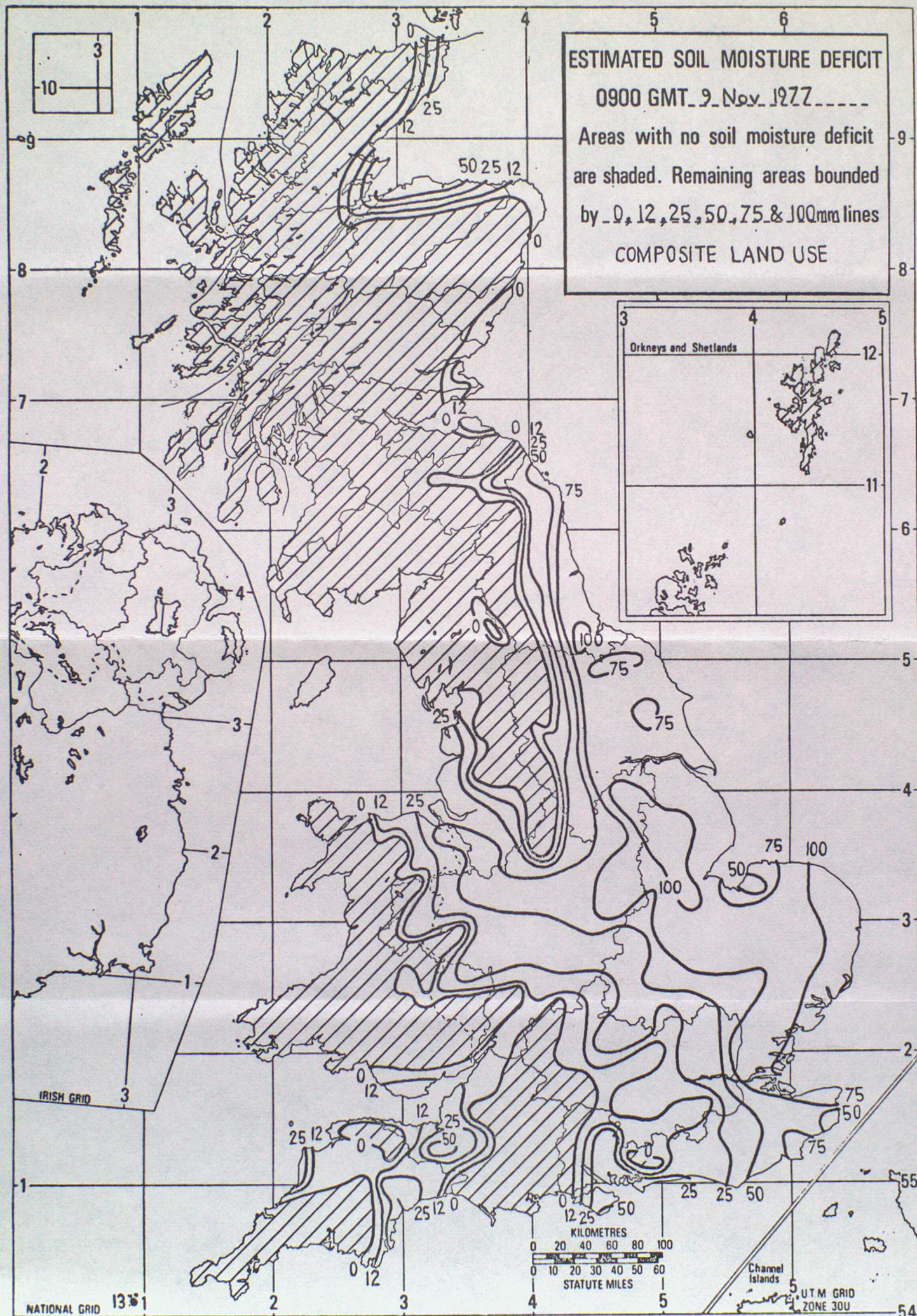
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ESTIMATED SOIL MOISTURE DEFICIT (S.M.D.)

AT 09 GMT ON 9 NOVEMBER 1977

River Area	Estimated Areal	Change during the Week Ending 09 GMT on	
	S.M.D. MM	9 Nov 77 MM	2 Nov 77 MM
Northumbrian	45.3	- 6.6	- 5.8
Yorkshire	55.6	- 10.0	- 11.8
Trent	59.5	- 2.3	- 20.0
Lincolnshire	93.7	- 4.7	- 15.9
Welland and Nene	71.6	- 3.8	- 15.2
Great Ouse	55.1	- 10.4	- 12.0
Norfolk and Suffolk	93.9	- 3.3	- 11.8
Essex	83.0	- 14.0	- 7.9
Lee Division	51.4	- 17.5	- 11.7
Thames Conservancy	19.7	- 16.4	- 14.8
London Area	21.6	- 17.2	- 13.6
Kent	57.1	- 28.9	- 11.1
Sussex	26.5	- 26.7	- 14.5
Hampshire	8.5	- 9.5	- 9.8
Isle of Wight	45.1	- 37.1	- 5.9
Upper Thames	7.4	- 11.8	- 16.4
Avon and Dorset	0.0	- 2.9	- 11.9
Devon	21.2	- 14.8	- 21.9
Cornwall	10.4	- 6.1	- 6.9
Somerset	14.4	- 10.9	- 18.9
Bristol Avon	8.3	- 10.3	- 20.3
Severn	22.4	- 10.5	- 19.9
Wye	13.5	- 13.8	- 25.0
Usk	3.9	- 10.8	- 20.8
Glamorgan	5.0	- 7.3	- 17.7
South West Wales	0.0	0.0	- 8.9
Gwynedd	3.2	- 3.8	- 13.7
Dee and Clwyd	22.7	- 10.7	- 12.9
Mersey and Weaver	22.4	- 9.5	- 16.5
Lancashire	7.5	- 7.0	- 6.9
Cumbria	3.3	- 2.0	- 2.0

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



ESTIMATED SOIL MOISTURE DEFICIT

0900 GMT 9 Nov 1977

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

