



ESTIMATED SOIL MOISTURE DEFICIT (S.M.D.) AT 09 GMT on 10 SEP 1975

RIVER AREA	ESTIMATED AREAL S.M.D. MM	CHANGE DURING THE WEEK ENDING 09 GMT on	
		10 Sep 75 MM	3 Sep 75 MM
Northumbrian	71.0	- 5.1	- 10.1
Yorkshire	107.0	- 1.5	+ 0.3
Trent	129.1	+ 2.0	+ 0.8
Lincolnshire	134.8	+ 0.8	+ 1.1
Welland and Nene	133.5	+ 1.8	0.0
Great Ouse	134.0	+ 1.4	+ 0.4
Norfolk and Suffolk	133.8	+ 0.9	+ 1.8
Essex	136.1	+ 1.2	+ 1.0
Lee Division	136.9	+ 1.1	+ 1.0
Thames Conservancy	134.8	+ 0.6	+ 1.0
London Area	137.2	+ 1.0	+ 1.2
Kent	135.8	+ 1.1	+ 1.3
Sussex	134.2	+ 0.8	+ 4.5
Hampshire	134.5	+ 0.8	+ 6.0
Isle of Wight	138.0	+ 0.7	+ 9.9
Avon and Dorset	134.6	+ 0.7	+ 4.6
Devon	121.0	+ 3.2	+ 8.9
Cornwall	81.9	+ 6.3	+ 12.0
Somerset	131.5	+ 1.6	+ 5.0
Bristol Avon	134.0	+ 0.5	+ 2.2
Severn	125.8	+ 1.3	+ 0.3
Wye	121.5	+ 1.7	+ 4.5
Usk	99.4	+ 1.8	+ 7.4
Glamorgan	87.3	+ 1.3	+ 9.5
South West Wales	89.9	- 0.0	+ 8.3
Gwynedd	85.3	- 0.3	+ 2.0
Dee and Clwyd	91.0	- 0.6	+ 1.3
Mersey and Weaver	118.0	+ 0.7	+ 2.5
Lancashire	67.0	- 5.2	+ 2.9
Cumbria	47.4	- 12.5	- 7.3

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

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METEOROLOGICAL OFFICE
ESTIMATED SOIL MOISTURE DEFICIT AND POTENTIAL
EVAPOTRANSPIRATION OVER GREAT BRITAIN
SOIL MOISTURE DEFICIT AT 0900 GMT ON 10 SEPTEMBER 1975

Since the issue of the last bulletin (28 August 1975), most of England and Wales has had mainly dry weather. Rain fell on most days over much of Scotland but even here amounts were generally small. Larger falls occurred in parts of Scotland and northern England on 29 August and 9 September, and in parts of the Midlands on 30 August. The largest reported falls of rain were at Eskdalemuir (25mm) on 29 August, Wittering (25mm) on 30th, Abbotsinch (10mm) on 5 September, Eskdalemuir (25mm) on 29 August, Wittering (25mm) on 30th, Abbotsinch (10mm) on 5 September, Eskdalemuir (14mm) on 8th and at Leeming, Carlisle and Machrihanish (12mm) on 9th. It is interesting to note that general rainfall for the four month period May-August has been the lowest since 1959 over England and Wales and the lowest over Scotland since 1955.

Over much of Britain, only minor changes have occurred in composite deficits since the last issue. Deficits over much of England and Wales have increased, whereas, over Scotland and the north of England, deficits have decreased and a larger part of western Scotland is now at field capacity. The largest value of composite SMD, amounting to 139mm, is to be found in the Isle of Wight.

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