

METEOROLOGICAL OFFICE

ESTIMATED SOIL MOISTURE DEFICIT OVER GREAT BRITAIN

AT 0900 GMT ON 22 OCTOBER 1975

Since the issue of the last bulletin (9 October 1975), the weather in Britain has been mainly dry. The only significant rainfall occurred on 9th (particularly in the west and north), in Kent on 10th, in parts of southern England on 15th and over Norfolk on 17th. Small amounts of rain fell in most parts of the country on 14th and 18th.

The largest reported falls of rain were at Aberporth (26 mm) and Abbotsinch (24 mm) on 9th, Manston (14 mm) on 10th, Tiree (18 mm) on 14th, Scilly (18 mm) on 15th and Gorleston (22 mm) on 17th.

The generally dry weather and the low evaporation rates have resulted in the deficits changing little since the last bulletin. Once again, the largest composite deficit is in Salop (133 mm) and there are similar deficits in Lincolnshire. Values in the Midlands and parts of eastern England are well above average for the second half of October. In contrast, upland Wales, Dartmoor, much of Scotland and parts of the Pennines are close to field capacity.

RATES OF SUBSCRIPTION: £7.50 per season

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

Issued on 23 October 1975.

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

AT 09 GMT on 22 OCT 1975

RIVER AREA	ESTIMATED AREAL	CHANGE DURING THE WEEK ENDING 09 GMT ON	
	S.M.D. MM	22 OCT 75 MM	15 OCT 75 MM
NORTHUMBRIAN	38.7	+ 2.4	+ 4.3
YORKSHIRE	79.3	- 0.2	- 1.4
TRENT	104.5	+ 0.4	+ 2.0
LINCOLNSHIRE	122.4	+ 2.1	+ 1.4
WELLAND AND NENE	110.5	- 1.8	+ 2.2
GREAT OUSE	98.0	- 3.0	+ 0.8
NORFOLK AND SUFFOLK	88.2	- 3.4	- 2.3
ESSEX	76.2	+ 0.2	- 9.6
LEE DIVISION	68.6	+ 0.8	- 13.4
THAMES CONSERVANCY	74.8	+ 2.0	- 0.3
LONDON AREA	42.8	- 0.2	- 20.6
KENT	32.7	- 5.0	- 5.3
SUSSEX	36.7	- 0.3	- 1.3
HAMPSHIRE	51.3	+ 1.0	+ 1.3
ISLE OF WIGHT	67.8	+ 1.8	+ 16.1
AVON AND DORSET	71.0	+ 1.4	+ 5.9
DEVON	50.3	- 4.3	- 13.0
CORNWALL	20.5	- 1.0	- 15.0
SOMERSET	67.3	- 0.1	+ 3.1
BRISTOL AVON	81.1	+ 2.0	- 0.1
SEVERN	96.0	+ 2.1	+ 1.8
WYE	68.6	+ 1.3	- 4.9
USK	37.2	+ 0.8	- 6.6
GLAMORGAN	31.2	+ 0.2	- 8.4
SOUTH WEST WALES	26.2	- 0.2	- 19.4
GWYNEDD	39.0	+ 0.5	- 9.4
DEE AND CLWYD	44.7	- 11.5	+ 1.1
MERSEY AND WEAVER	65.1	- 5.6	+ 5.4
LANCASHIRE	15.0	+ 2.4	- 2.7
CUMBRIA	7.8	+ 2.6	+ 0.5

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



