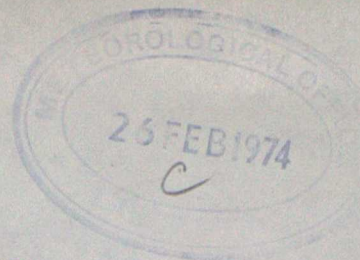


14 MAR 1974

ESTIMATES OF POTENTIAL EVAPOTRANSPIRATION
OVER GREAT BRITAIN FOR THE MONTH OF JANUARY 1974

Station	Altitude m	Nat. Grid Ref.	Pot. E mm
Lerwick	82	411-453397	19.0
Wick	36	39-366523	15.4
Cape Wrath	112	29-259747	18.0
Stornoway	3	19-465332	18.8
Benbecula	5	08-784556	19.4
Kinloss	5	38-069625	22.7
Dyce	58	38-873125	13.6
Usan	30	37-724544	7.5
Leuchars	11	37-468208	14.2
Turnhouse	35	36-159739	24.7
Tiree	9	07-999446	23.5
Rhuvaal	20	16-426792	26.2
Machrihanish	10	16-663226	31.1
Sloy	12	27-324099	10.0
Abbotsinch	5	26-480667	22.7
Prestwick	16	26-358269	19.3
Eskdalemuir	242	36-235026	11.2
Acklington	42	46-225007	9.7
Tynemouth	29	45-374694	27.6
Seahouses	11	46-197341	21.2
Leeming	32	44-305890	13.3
Whitby C.G.	63	45-904115	23.6
Kilnsea	12	54-417161	15.3
Waddington	68	43-984630	7.7
Binbrook	108	53-196958	14.2
Manby	17	53-391869	9.5
Marham	24	53-739087	7.9
Coltishall	17	63-262229	15.5
Gorleston	4	63-534037	15.8
Honington	51	52-889749	16.1
Wattisham	89	62-026514	11.4
Wyton	39	52-284745	15.1
Cardington	28	52-083464	12.5
Stansted	101	52-551226	9.7
Huddersfield Oakes	235	44-113177	15.6
Watnall	117	43-503456	7.1
Finningley	10	43-658995	12.3

FH 2



METEOROLOGICAL OFFICE

ESTIMATED SOIL MOISTURE DEFICIT AND POTENTIAL
EVAPOTRANSPIRATION OVER GREAT BRITAIN

SOIL MOISTURE DEFICIT AT 0900 GMT ON 20 FEBRUARY 1974

Since the issue of the last bulletin (23 January 1974) rainfall has been well above average in most of the country particularly western districts. In actual fact rainfall has exceeded evaporation throughout the entire country.

As was expected all short rooted deficits have now been wiped out. The areal deficits in the eastern half of the country have also been considerably reduced. Areal deficits in excess of 12 mms exist only in East Lothian, South Lincolnshire, South Cambridgeshire and eastern districts of East Anglia stretching from Lowestoft in the north to Shoeburyness in the south.

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

Apply to: Director-General
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Bracknell
Berkshire
RG12 2SZ

Issued on 21 February 1974

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ESTIMATED SOIL MOISTURE DEFICIT (S.M.D.) AT 09 GMT ON 20 FEB 1974

River Authority Area	Estimated Areal S.M.D. mm	Change During the Week Ending 09 GMT		
		20 Feb 74 mm	13 Feb 74 mm	6 Feb 74 mm
Northumbrian	3.3	+ 0.2	- 1.8	- 1.0
Yorkshire	1.0	+ 0.8	- 0.6	- 0.7
Trent	0.7	+ 0.7	0.0	- 0.1
Lincolnshire	9.5	+ 0.4	- 3.2	- 1.4
Welland and Nene	8.2	- 0.3	- 3.5	- 1.2
Great Ouse	7.4	+ 0.1	- 6.2	- 2.3
East Suffolk and Norfolk	6.1	- 0.3	- 4.5	- 1.3
Essex	17.2	- 1.4	- 8.5	- 2.8
Lee Conservancy	8.4	- 0.8	- 5.0	- 2.4
Thames Conservancy	1.4	+ 0.9	- 1.3	- 1.6
London Area	6.3	- 0.5	- 2.4	- 2.4
Kent	2.5	+ 0.8	- 1.6	- 1.3
Sussex	1.5	+ 1.5	0.0	- 0.5
Hampshire	1.3	+ 1.3	- 0.1	- 1.0
Isle of Wight	1.4	+ 1.4	- 1.1	- 3.6
Avon and Dorset	1.2	+ 1.2	0.0	0.0
Devon	0.6	+ 0.6	0.0	0.0
Cornwall	0.4	+ 0.4	0.0	0.0
Somerset	1.1	+ 1.1	0.0	0.0
Bristol Avon	1.4	+ 1.4	0.0	0.0
Severn	0.7	+ 0.7	0.0	- 0.1
Wye	0.9	+ 0.9	0.0	0.0
Usk	1.2	+ 1.2	0.0	0.0
Glamorgan	1.1	+ 1.1	0.0	0.0
South West Wales	0.9	+ 0.9	0.0	0.0
Gwynedd	0.6	+ 0.6	0.0	0.0
Dee and Clwyd	0.4	+ 0.4	0.0	0.0
Mersey and Weaver	0.5	+ 0.5	0.0	0.0
Lancashire	0.7	+ 0.7	0.0	0.0
Cumberland	1.0	+ 1.0	0.0	0.0

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