

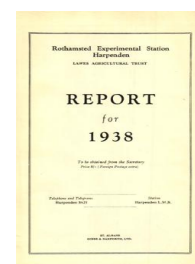
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Rothamsted Report for 1938

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Meteorological Records , 1938

Rothamsted Research

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METEOROLOGICAL RECORDS, 1938

	Rain.		Drainage through soil.			Bright Sun- shine.	Temperature (Mean).			
	Total fall 1/1000th Acre Gauge.	No. of Rainy Days (0.01 inch or more) 1/1000th Acre Gauge.	20 ins. deep.	40 ins. deep.	60 ins. deep.		Max.	Min.	1 ft. in ground	Grass Min.
1938—	Inches.	No.	Inches.	Inches.	Inches.	Hours.	°F.	°F.	°F.	°F.
Jan. ..	3.372	21	2.679	2.864	2.713	47.1	45.7	35.9	39.7	31.7
Feb. ..	0.592	11	0.044	0.165	0.145	67.0	44.5	34.4	38.6	30.6
Mar. ..	0.318	5	0.000	0.000	0.000	176.6	57.4	37.8	43.7	30.6
April ..	0.121	5	0.000	0.000	0.000	157.1	52.5	35.6	45.4	27.4
May ..	1.840	11	0.000	0.007	0.003	161.4	58.4	41.9	50.3	37.9
June ..	0.804	7	0.000	0.000	0.000	203.1	66.7	50.1	57.9	45.3
July ..	1.218	13	0.000	0.000	0.000	143.4	67.5	51.7	59.5	47.6
Aug. ..	2.401	11	0.295	0.269	0.231	151.1	68.9	53.1	61.5	49.2
Sept. ..	1.760	15	0.471	0.423	0.397	120.0	64.1	49.4	56.9	44.9
Oct. ..	3.273	16	1.749	1.741	1.640	117.7	55.9	42.7	50.0	37.5
Nov. ..	3.542	17	2.840	2.715	2.577	68.9	52.9	41.5	47.4	37.2
Dec. ..	3.741	20	3.189	3.451	3.270	45.4	42.3	32.7	39.0	30.4
Total or Mean	22.982	152	11.267	11.635	10.976	1458.8	56.4	42.2	49.2	37.5

RAIN AND DRAINAGE

MONTHLY MEAN FOR 68 HARVEST YEARS 1870-1—1937-8

	Rain- fall.	Drainage.			Drainage % of Rainfall.			Evaporation.		
		20-in. Gauge.	40-in. Gauge.	60-in. Gauge.	20-in. Gauge.	40-in. Gauge.	60-in. Gauge.	20-in. Gauge.	40-in. Gauge.	60-in. Gauge.
	Inches	Inches	Inches	Inches	%	%	%	Inches	Inches	Inches
Sept. ..	2.432	0.831	0.811	0.748	34.2	33.3	30.8	1.601	1.621	1.684
Oct. ..	3.059	1.719	1.698	1.574	56.2	55.5	51.5	1.340	1.361	1.485
Nov. ..	2.873	2.202	2.260	2.134	76.6	78.7	74.3	0.671	0.613	0.739
Dec. ..	2.818	2.400	2.501	2.391	85.2	88.8	84.8	0.418	0.317	0.427
Jan. ..	2.452	2.018	2.209	2.110	82.3	90.1	86.1	0.434	0.243	0.342
Feb. ..	2.013	1.486	1.604	1.532	73.8	79.7	76.1	0.527	0.409	0.481
Mar. ..	1.959	1.057	1.183	1.120	54.0	60.4	57.2	0.902	0.776	0.839
April ..	2.043	0.674	0.753	0.716	33.0	36.9	35.0	1.369	1.290	1.327
May ..	2.073	0.501	0.568	0.535	24.2	27.4	25.8	1.572	1.505	1.538
June ..	2.214	0.536	0.554	0.531	24.2	25.0	24.0	1.678	1.660	1.683
July ..	2.664	0.690	0.720	0.672	25.9	27.0	25.2	1.974	1.944	1.992
Aug. ..	2.551	0.670	0.684	0.642	26.3	26.8	25.2	1.881	1.867	1.909
Year	29.151	14.784	15.545	14.705	50.7	53.3	50.4	14.367	13.606	14.446