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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
<i>Total or Mean</i>	<i>22.982</i>	<i>152</i>	<i>11.267</i>	<i>11.635</i>	<i>10.976</i>	<i>1458.8</i>	<i>56.4</i>	<i>42.2</i>	<i>49.2</i>	<i>37.5</i>

## 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
<i>Year</i>	<i>29.151</i>	<i>14.784</i>	<i>15.545</i>	<i>14.705</i>	<i>50.7</i>	<i>53.3</i>	<i>50.4</i>	<i>14.367</i>	<i>13.606</i>	<i>14.446</i>