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Meteorological Records, 1933

Rothamsted Research

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METEOROLOGICAL RECORDS, 1933

	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 gr'd.	Solar Max.	Grass Min.
1933—	Inches.	No.	Inches.	Inches.	Inches.	Hours.	°F.	°F.	°F.	°F.	°F.
Jan. ..	1.972	15	1.505	1.679	1.654	70.4	39.4	30.3	37.0	62.0	26.1
Feb. ..	2.151	16	1.542	1.830	1.656	102.4	44.3	33.1	37.5	82.3	29.7
Mar. ..	2.922	16	1.888	2.110	2.057	196.9	53.2	36.2	41.3	101.3	30.3
April ..	0.925	7	0.000	0.016	0.014	153.4	55.4	39.5	46.7	115.6	33.9
May ..	1.593	16	0.173	0.158	0.148	168.2	61.4	45.2	53.4	124.3	41.0
June ..	1.033	14	0.000	0.002	0.002	240.6	68.4	49.7	59.8	128.2	44.0
July ..	1.425	12	0.000	0.000	0.000	246.2	73.5	55.3	64.4	133.1	50.9
Aug. ..	0.653	7	0.000	0.000	0.000	243.2	74.5	54.1	64.3	133.0	48.6
Sept. ..	2.452	12	0.496	0.442	0.432	183.3	67.3	51.4	59.5	118.2	46.5
Oct. ..	1.484	14	0.179	0.118	0.063	94.6	55.4	44.1	51.4	96.3	39.8
Nov. ..	1.471	15	0.890	0.857	0.831	51.3	45.1	37.6	43.4	71.7	33.7
Dec. ..	0.534	8	0.159	0.093	0.071	41.4	36.4	29.4	35.2	53.7	25.9
Total or Mean	18.615	152	6.832	7.305	6.928	1791.9	56.2	42.2	49.5	101.6	37.5

RAIN AND DRAINAGE.
MONTHLY MEAN FOR 63 HARVEST YEARS, 1870-1—1932-3.

	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.
	Ins.	Ins.	Ins.	Ins.	%	%	%	Ins.	Ins.	Ins.
Sept. ..	2.371	0.810	0.787	0.726	34.2	33.2	30.6	1.561	1.584	1.645
Oct. ..	3.127	1.779	1.759	1.629	56.9	56.3	52.1	1.348	1.368	1.498
Nov. ..	2.869	2.189	2.245	2.118	76.3	78.3	73.8	0.680	0.624	0.751
Dec. ..	2.809	2.390	2.492	2.379	85.1	88.7	84.7	0.419	0.317	0.430
Jan. ..	2.399	1.968	2.163	2.065	82.0	90.2	86.1	0.431	0.236	0.334
Feb. ..	2.001	1.488	1.602	1.529	74.4	80.1	76.4	0.513	0.399	0.472
March ..	1.982	1.058	1.185	1.122	53.4	59.8	56.6	0.924	0.797	0.860
April ..	2.038	0.663	0.742	0.708	32.5	36.4	34.7	1.375	1.296	1.330
May ..	2.096	0.508	0.576	0.543	24.2	27.5	25.9	1.588	1.520	1.553
June ..	2.172	0.514	0.544	0.523	23.7	25.0	24.1	1.658	1.628	1.649
July ..	2.716	0.715	0.743	0.695	26.3	27.3	25.6	2.001	1.973	2.021
Aug. ..	2.622	0.704	0.718	0.676	26.8	27.4	25.8	1.918	1.904	1.946
Year ..	29.202	14.786	15.556	14.713	50.6	53.3	50.4	14.416	13.646	14.489