

D.W.
RAINFALL AT Lynton, North Devon

Observer T. Barker, Esq.

Phil. Trans. Vol. LXI, p. 223.

Rain	{ By.....			
Gauge	{ Diameter.....in.	Height above Ground,.....ft.....in.	Above Mean Sea Level.....ft.	

YEAR.....	1736	1737	1738	1739	MEANS.
January.....		0.615	1.788	2.430	
February.....		1.660	0.568	2.487	
March.....		1.768	1.189	0.814	
April.....		0.676	1.230	2.585	
May	0.985	1.000	2.160	1.860	
June	0.922	0.720	2.420	1.537	
July.....	6.530	0.306	0.624	1.965	
August.....	2.300	0.300	1.418	2.350	
September.....	1.540	3.465	2.110	1.903	
October	2.350	2.025	1.640	0.522	
November.....	0.620	0.370	0.692	1.537	
December.....	1.500	1.830	1.320	1.540	
TOTALS		29.935	17.157	21.550	0

*
0.570
20.935

* Some error here, (Nov. 0.570) as Barker makes the total 20.935, and speaks of 1737 as being a "dry year". See Phil. Trans. Vol. LXI, p. 222.

-& Barker makes this total 21.660.

MET. O.B. RAINFALL AND
RETROGRADE.

152937

NGR: SK(43) 910043

ALT: 305 m - 93 metres Date of review: 19-7-78

Syndon
Welland

+ ground 8 ft

Welland - 1.

YEAR - -					1736	1737	1738	1739	MEANS.
January - -						.61	1.79	2.43	1.33
February - -						1.66	.57	2.49	1.23
March - - -						1.77	1.19	.81	1.23
April - - -						.68	1.23	2.59	1.24
May - - - -					9.85	1.00	2.16	1.86	1.69
June - - - -					4.22	.72	2.42	1.54	1.86
July - - - -					6.58	.31	.62	1.96	2.26
August - - -					2.50	6.30	1.42	2.35	1.40
September -					1.54	3.47	2.11	1.90	1.92
October - -					2.35	2.02	1.64	.52	
November -					6.2	.57	.69	1.56	
December -					1.50	1.03	1.32	1.54	
TOTALS -					20.94	17.16	21.55	6.86	12.81

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MELIOR RAINMASTER
RETROGRADE

152937

REG: SK(43) 910043

AM 305 ft = 93 meters Date of review 19-7-78

Synoptic
Welland

+ ground 8 feet
Welland - 1.

YEAR - -	1740	1741	1742	1743	1744	1745	1746	1747	1748	1749	MEANS.
January - -	.25	1.09	1.43	.41	1.20	.83	1.76	2.06	.94	2.48	1.325
February - -	.06	.62	.26	.36	.94	.57	1.71	1.21	.37	1.02	.772
March - -	.63	.57	.05	1.19	1.43	2.54	1.88	1.24	1.95	1.87	1.335
April - -	.87	.27	1.91	1.25	2.76	1.71	.76	1.02	1.37	.55	1.247
May - - -	1.04	.44	1.55	.07	1.26	1.14	.55	2.03	1.18	1.11	1.197
June - - -	1.43	1.37	1.43	3.8	3.48	3.45	2.90	1.56	3.04	3.04	2.208
July - - -	3.67	.87	3.14	5.23	.82	.72	1.44	2.25	3.48	1.05	2.267
August - -	2.80	1.63	.16	1.12	.96	3.93	.46	.07	1.30	.76	1.319
September -	1.62	4.93	1.78	.01	3.30	.90	1.63	1.92	.55	.62	1.726
October - -	1.05	1.46	2.39	3.09	3.14	1.46	2.27	.58	1.06	1.09	1.759
November -	1.49	1.96	2.42	.72	2.27	2.07	1.79	4.92	.43	.69	1.876
December -	2.41	.49	.16	1.43	1.17	1.23	1.20	3.63	1.55	1.67	1.502
TOTALS -	17.32	15.70	17.28	16.06	22.73	20.55	18.43	24.09	17.22	15.95	183.33

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Sept 1969 - Sep 1970 -

Almost certainly 19 days
calendrical change and

MET.O.B. RAINMETER
RETROSPECTIVE RECORD

152937

NOR: SK(43) 910043

ALT: 305 R = 93 metres Date of review: 19-7-78

Lynodon
Rusland

Ivor Barker Esq.

Welland - 1.

YEAR - -	1750	1751	1752	1753	1754	1755	1756	1757	1758	1759	MEANS.
January - -	1.11	3.10	2.52	1.69	.92	1.02	2.02	2.14	1.07	.88	1.727 7.87
February - -	.89	.92	1.38	1.84	.89	.83	.69	.59	2.06	.38	1.047 4.77
March - - -	1.02	2.05	1.20	1.17	1.25	1.66	1.37	1.91	1.79	1.87	1.529 6.97
April - - -	2.35	3.08	.83	1.40	1.45	1.96	3.90	2.09	.92	3.03	2.101 9.57
May - - -	.99	2.65	2.13	.98	1.40	1.39	1.26	1.37	1.27	2.74	1.618 7.57
June - - -	2.07	1.05	3.08	1.01	2.88	1.81	2.97	.37	2.16	2.97	2.117 9.65
July - - -	1.51	4.99	3.68	2.59	3.85	1.59	3.20	3.00	5.02	.93	3.036 13.84
August - -	.64	1.58	1.33	3.38	1.06	2.26	4.26	6.04	1.71	3.73	2.601 11.86
September -	1.00	2.61	.48	.71	.11	2.55	2.08	.52	1.46	.85	1.237 5.64
October - -	.88	1.82	.30	1.46	1.87	1.63	1.53	1.95	1.03	1.50	1.397 6.57
November -	2.12	1.34	1.09	2.11	1.96	3.14	.97	1.50	.91	.98	1.612 7.54
December -	1.83	1.17	3.13	3.86	2.22	1.41	.94	2.18	1.39	1.08	1.921 8.75
TOTALS -	16.41	27.16	21.15	22.20	19.86	21.25	25.19	23.68	21.59	20.94	21.943 10.00

Sept 1752. Ref Tonbridge:-

Almost certainly 19 days total owing to
calendar change and dropping of 11 days.

10/59.

MET. O. S. A. 1752
RETRUCKED 1752

152937

NGR: SK(43) 910043

DATA 305 IT = 93 matrix. Date of review 19-7-78.

Lyndon
Holland

Ihor Barker Capt — a brother in law of Gilbert White
married Anna, sister of G.W. — 1751
(1731-1807)

Holland - 1.

YEAR --	1760	1761	1762	1763	1764	1765	1766	1767	1768	1769	MEANS.
January --	1.06	.19	1.73	.60	3.98	1.42	.16	3.08	2.83	1.20	1.626
February --	1.87	1.47	.97	2.88	1.13	1.24	2.10	2.00	3.06	1.56	1.828
March --	.45	.53	1.53	.92	.83	2.77	.78	1.05	.39	.69	.994
April --	.39	.49	.59	.69	1.52	2.11	1.96	.85	2.02	.84	1.146
May --	.89	2.03	.74	2.30	1.10	.41	3.29	2.12	1.62	1.45	1.595
June --	2.47	3.49	.76	2.43	2.18	.79	2.28	2.16	4.52	4.77	2.585
July --	.90	.57	1.12	5.66	4.62	.50	2.36	3.68	2.40	1.99	2.888
August --	1.64	3.61	3.62	2.93	1.77	2.80	.41	1.52	1.72	2.36	2.238
September --	2.33	2.35	1.53	3.31	.83	.70	1.08	.69	3.03	2.58	1.843
October --	2.53	3.69	4.15	1.61	1.36	4.84	.83	2.82	3.12	1.20	2.615
November --	2.14	1.44	.92	1.89	1.77	1.20	1.94	.93	4.04	1.23	1.758
December --	1.61	1.54	.23	3.52	2.40	1.05	1.78	.40	2.15	1.61	1.629
TOTALS -	18.28	21.40	17.89	28.74	23.49	20.00	18.97	21.30	30.90	21.48	22.245

In White's Selborne he says the rain at Lyndon in Sep^{tember} 1767 was 6½ inches.

NOT ON REPRODUCER
RETRACED

152937

NGR: SK(43) 910043.

ALT: 305 ft = 93 metres. Date of review: 19-7-78.

152937

152937

764

RAINFALL AT Lyndon, Rutland

Observer T. Barker, Esq.

Rain { By
Gauge { Diameter.....in. Height above Ground,ft.in.

Phil. Trans. Vol. LXI, p. 223-5; LXII, p. 63; LXIII, p. 221
Vol. LXIV, p. 102. Nat. Phil. Trans. Vol. LXV, p. 193; LXVI, p. 370
Vol. LXVII, p. 350. Vol. LXVIII, p. 534
Vol. LXIX, p. 347. Vol. LXX, p. 474.

Above Mean Sea Level.....ft.

YEAR.....	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	MEANS.
January.....	0.832	1413	2145	1.131	53.08	1973	2.511	1081	1980	0.212	
February.....	0.730	0.932	3477	1.458	1946	2522	3.195	2415	0.949	2239	
March.....	1934	0.909	2346	0.561	2728	1728	1.578	1268	1196	0.131	
April.....	1900	0.970	0.882	0.603	1523	1035	0.887	1586	1037	1.888	
May.....	1553	0.658	1869	6.843	5142	0.900	1627	1981	1322	1266	
June.....	2765	1.588	3890	2.389	2483	0.887	2485	2966	2714	2416	
July.....	1788	1.043	0.891	1077	5227	4078	1830	3203	4103	4036	
August.....	2270	2131	1678	3.379	3910	4760	5.200	1290	0.391	1508	
September.....	1223	1.155	4515	2812	5000	5670	2452	0.507	1660	1.227	
October.....	3114	4070	3267	2621	1156	3480	2.061	4009	4238	1769	
November.....	7818	0.792	2461	3605	1530	3570	2823	1581	3845	2050	
December.....	2613	1927	1226	2.897	2282	1806	1233	1720	2835	5136	
TOTALS	28560	17588	28647	29376	35235	31699	27842	23599	26270	21818	

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* Phil. Trans. Vol. LXVII, p. 557 says that the paper giving this report was read "Feb. 20. 1772," evidently an error for 1773.

& Phil. Trans. Vol. LXVII, p. 474 says that the paper giving this report was read "May 8. 1779," evidently an error for 1780.

D. D. The total, by error in addition to other causes, is given as 14,878 instead of 21,878

MET. & RAINFALL
RETROSPECTIVE, 1770-1779

152937

NOR: SK (43) 910043

ALT: 305 ft = 93 metres. Date of review 19-7-78

✓64

Lyndon
Burkland

Sho! Barker Egg.

Welland - 1.

YEAR - -	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	MEANS.
January - -	.85	1.41	2.14	1.13	3.31	1.97	2.57	1.08	1.98	2.21	1.659
February - -	.74	.93	3.48	1.46	1.95	2.52	3.19	2.41	.95	.24	1.787
March - -	1.93	.91	2.35	.56	2.73	1.73	1.52	1.26	1.20	.13	1.432
April - -	1.90	.97	.88	.60	1.52	1.04	.89	1.59	1.04	1.09	1.232
May - -	1.55	.66	1.87	6.84	3.14	.90	1.63	1.98	1.32	1.27	2.116
June - -	2.77	1.59	3.89	2.39	2.48	.89	2.49	2.97	2.71	2.41	2.457
July - -	1.79	1.04	.89	1.08	3.23	4.08	1.85	3.20	4.10	4.06	2.530
August - -	2.27	2.13	1.68	3.38	3.91	4.76	5.20	1.29	.39	1.51	2.652
September -	1.22	1.16	4.57	2.81	8.00	5.67	2.45	.51	1.66	1.23	2.922
October - -	3.12	4.07	3.27	2.62	1.16	3.48	2.06	4.01	4.24	1.77	2.980
November -	7.82	.79	2.46	3.61	1.53	3.57	2.82	1.58	3.85	2.05	3.008
December -	2.61	1.93	1.23	2.90	2.28	4.09	1.23	1.72	2.03	3.13	2.095
TOTALS -	28.57	17.59	28.65	29.38	35.24	31.70	27.84	23.60	26.27	19.88	26.872

C C C C C C C C C C C C

867.79? The fall in this place being under 1 in

MEYER'S RAINWATER
RETROGRADE LINE

152937

NOR: SK (43) 910043

ALI: 305 ft = 93 meters. Date of review 19-7-78

*Syndon**Rutland.*

Welland - 1.

YEAR -	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	MEANS.
January - -	1.01	2.26	2.33	1.81	1.88	1.49	3.47	.41	.97	2.60	1.823
February - -	1.37	1.66	.64	2.31	1.23	.37	.67	.86	2.67	1.85	1.383
March - - -	1.18	.16	1.92	1.61	1.10	.21	.03	1.78	1.07	1.15	1.101
April - - -	2.73	1.94	6.13	.56	1.74	.18	1.25	1.72	.59	1.01	1.785
May - - - -	1.20	.97	5.72	4.22	2.89	.67	2.38	1.57	1.52	1.68	2.282
June - - - -	1.92	2.96	1.30	3.03	3.81	1.57	1.50	1.80	.61	4.45	2.303
July - - - -	1.57	1.68	2.70	2.66	5.08	3.28	1.80	3.17	1.79	4.26	2.799
August - - -	.43	1.10	3.11	1.10	2.81	4.31	2.63	1.97	2.78	.33	2.057
September -	3.43	4.01	5.15	1.44	1.74	3.31	2.84	1.23	2.43	2.84	2.842
October - -	3.08	.08	1.50	.66	22	1.15	4.76	3.73	1.41	4.93	2.202
November -	1.46	2.30	1.07	1.78	2.38	1.13	2.94	1.46	.45	1.20	1.617
December -	.53	1.70	.52	1.60	2.33	2.04	2.14	3.09	.89	1.70	1.654
TOTALS -	20.11	20.82	32.09	22.78	27.21	20.21	27.29	22.79	17.18	28.00	23.848

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MENOS RAINFALLER
RETROSPECTIVE 1780-1800

152937

NBR: SK(43) 9100 43

ALT: 305 ft = 93 metres. Date of review: 19-7-78.

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Rutland.

Lyndon

Thos Barker Esq.

Welland - 1.

Aug 1937

YEAR -	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	MEANS.
January - -	1.87	2.41	2.10	1.91	.42	1.64	1.95	1.32	1.03		
February - -	.24	1.27	.71	1.07	1.40	2.00	1.64	.08	1.54		
March - - -	.26	.81	1.10	2.77	1.66	2.10	.38	.91	.53		
April - - -	.68	1.93	4.04	3.00	1.99	1.57	.65	2.88	1.32		
May - - -	2.91	1.14	1.66	.45	1.04	40	2.84	2.53	1.89		
June - - -	2.38	.92	4.04	.42	.71	2.80	.93	4.22	.95		
July - - -	2.75	4.03	3.67	.78	4.20	1.68	5.66	3.07	2.94		
August - -	1.73	2.91	2.86	2.61	2.88	1.38	1.12	2.42	1.94		
September -	1.57	.60	3.98	3.85	3.57	.06	1.89	4.79	2.81		
October - -	.99	3.32	1.76	1.27	3.53	4.54	1.32	1.14	3.03		
November -	3.14	4.23	.76	3.43	3.96	1.85	2.05	1.62	2.55		
December -	3.61	1.15	2.72	1.35	1.22	1.38	1.67	2.87	1.40		
TOTALS -	28.63	24.72	29.40	22.91	26.58	21.40	22.08	27.85	21.93		

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MET.O.B RAINMASTER
RETROSPECTIVE

152937

NGR: SK(43) 910043

ALT: 305 ft = 93 metres. Date of review: 19-7-78

9-47

RAINFALL AT *Lymore, Rutland**The Monthly Magazine for 1801 Vol. xii. p. 253*Authority Observer *The Editor*

Rain { By
 Gauge Diameter.....in. Height above Ground,ft.in. Above Mean Sea Levelft.

YEAR.....	1800	MEANS.
January.....	2.41	
February.....	2.9	
March	1.02	
April.....	3.06	
May	2.39	
June	1.83	
July14	
August	5.08	
September.....	6.66	
October	1.72	
November.....	4.98	
December.....	2.12	
TOTALS	32.30	

* The Ed. gives this total as 32.35. I should give rainfall to 1.88 instead of 1.83.

MET. & RAINMETER
RETROGRADE INCLINOMETER

152937

NGR: SK(43) 910043

ALT: 305 ft = 93 metres. Date of review 19-7-78