

446804

80

RAINFALL AT *Great Malvern Bell's We House*Lat. _____ Lon. _____ County of *Worcester*Rain Gauge, by _____ Observer *D.B. Goldwell Esq**Seven. R-1.*

Diameter . . .											5	
Height											40	
Altitude											520	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January										1.60		
February										1.21		
March										2.81		
April										4.51		
May										3.59		
June										1.40		
July										2.61		
August										2.96		
September . . .										1.54		
October										2.84		
November										1.24		
December										1.68		
TOTALS										25.99		

✓ indicates entered correct day. (See note at beginning of this book).MET. O. S. RAINMASTER
RETROSPECTIVE SEE REV.

446804

MGR: 50(32) 774' 4596

SLY: 520 It = 158

metres. Date of review: 12/10/78

446804

RAINFALL AT *Great Malvern Bell Tree House*

Lat. _____

Lon. _____

County of *Worcester*Season, *R-1.*

Rain Gauge, by _____

Observer

J. B. Caldwell Esq
A. Mander Esq

Diameter	5										
Height	4 0										
Altitude	520										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.05	1.84	1.91	1.92	2.30	4.09	.62	2.16	.56	4.35	2.280
February ....	.60	.10	1.40	3.10	2.55	.10	.34	2.79	1.23	2.97	1.518
March	1.12	1.43	.84	.26	1.35	2.09	2.88	3.52	.43	.47	1.429
April	1.18	1.62	.77	.34	1.80	2.20	.92	1.87	1.72	2.08	1.450
May	2.03	3.49	1.76	1.79	3.21	1.17	.23	.78	3.65	2.54	2.065
June	2.09	2.49	1.94	1.03	2.36	1.20	1.96	2.67	.83	1.74	1.831
July	2.38	1.86	2.44	1.80	2.79	2.98	1.61	1.14	1.17	1.11	1.928
August	2.51	5.45	2.52	1.71	3.06	2.27	1.36	4.24	2.75	1.47	2.924
September....	.93	1.02	2.76	1.01	4.31	.55	4.97	2.42	.69	2.54	2.120
October	1.36	7.68	1.66	2.13	3.06	2.93	2.15	1.57	4.20	2.90	2.964
November....	2.39	2.74	2.42	1.43	3.46	4.95	.62	2.08	2.15	1.95	2.419
December	1.16	3.56	.98	3.63	2.08	1.93	3.33	2.99	2.81	2.94	2.541
TOTALS	20.80	33.28	21.40	20.15	32.33	26.46	20.99	28.23	22.19	27.06	25.289

MET. O.S. RAINMASTER
RETROSPECTIVE MTE. REVL. 1

446804

NGR: 50(32) 7744596

ALT 520 ft = 158

metres. Date of revision 18/9/78

RAINFALL AT *Great Malvern Belle Vue House*

Lat.

Lon.

County of *Worcester**Swindon - Copper* Rain Gauge, by *Severn, R-1.*Observer *A. M. Anderson Esq*

Diameter ..	5										
Height	4.0										
Altitude ..	520	320	520								
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.13	1.90	1.30	3.00	2.76	1.13	4.41	1.19	.86	1.05	2.173
February ..	5.21	1.17	1.55	2.01	4.67	.97	1.80	.91	1.16	.47	1.992
March	1.16	1.78	1.73	3.37	1.54	4.13	1.31	.81	2.99	3.63	2.245
April	1.29	2.46	2.52	2.09	1.28	3.32	1.28	2.01	3.84	2.45	2.264
May	2.35	.92	2.22	4.81	2.01	.52	2.64	3.16	2.35	1.18	2.216
June	2.43	3.12	3.27	4.46	.70	3.88	3.69	2.69	1.31	4.02	2.957
July	2.33	2.49	1.51	3.28	2.26	.83	1.03	3.51	2.40	3.11	2.275
August	3.57	2.63	4.51	3.96	1.80	6.32	.80	2.50	3.38	2.04	3.151
September ..	.75	1.61	2.76	3.01	2.74	1.61	.91	.59	2.08	3.50	1.956
October	2.75	1.60	3.04	6.20	.61	1.62	5.84	7.66	1.98	3.73	3.503
November ..	2.25	1.01	3.13	1.37	1.26	3.10	3.12	2.36	1.60	.82	2.012
December ..	5.52	4.03	1.80	1.67	2.12	.72	1.72	4.15	2.61	4.04	2.838
TOTALS ..	33.74	24.72	29.34	39.23	23.95	28.15	28.55	31.54	26.56	30.04	29.582

1906 *g* Malvern Church ^{150 ft} $\frac{1}{4}$ mile S E
 Station $\frac{3}{4}$ E

MET. OBS. RAIND. RETROSPECTIVE

446804

NGR: 50(12) 714'4596

520 11 = 158

Notes. Give if relevant

Tall House

Wall 

Slope of Malvern Hills

Inspected by C.S. 18.10.

Extraordinary exposure as indicated, but probably the only one available.

RAINFALL at Malsorn Belle Vue HouseCounty of WorcestershireObserver A. Manden EsqRiver Basin Severn Right Bank Tributaries 1

Rain Gauge, by _____

Diameter ...	5										
Height	4	0									
Altitude ...	520										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.55	.96	5.36	4.58	.81	3.08	1.25	1.37	2.60	4.01	
February ...	3.52	1.71	2.39	1.07	2.21	3.63	4.66	.98	1.27	3.85	
March .....	.99	2.15	4.23	5.05	3.19	.97	3.68	2.29	1.48	5.13	
April	2.26	1.39	.09	3.95	1.48	1.06	1.24	1.24	3.11	2.07	
May	1.67	1.34	2.79	3.10	1.57	3.74	3.49	4.71	1.75	1.19	
June	3.17	2.07	5.21	.78	3.27	1.15	1.72	2.70	1.17	.89	
July	1.84	.33	4.01	.93	4.56	5.84	2.11	2.33	2.80	3.50	
August	6.06	1.55	9.50	2.06	1.57	4.07	3.15	6.23	1.39	2.68	
September ..	.70	1.63	.93	3.64	1.37	.72	1.17	1.93	6.02	1.86	
October ...	3.80	2.18	3.52	4.86	1.83	4.35	4.49	3.33	1.32	2.46	
November ..	4.51	3.06	1.55	3.29	3.30	2.37	2.92	.97	2.02	1.70	
December ...	5.68	7.13	3.43	.92	5.89	5.79	2.71	1.05	2.59	3.85	
TOTALS ...	36.75	25.50	43.00	34.23	31.05	36.77	32.59	29.13	27.52	33.19	

WEYCE RAINMASTER
RETROSPECTIVE 12 IN.

446804

NGR: 50(32) 774'4596ALT: 520 ft = 158 metres. Date of review: 18/3/78

+ Inspected

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.8	2.15	B Malsorn	1/2 m	E	B Malsorn	200 yds	SE

RAINFALL at Malvern (Belle Vue Road).County of WorcesterObserver A. Mandt, Esq.River Basin 1 - Sever R.

Cu B. A.

Sound correct

Rain Gauge, by

measure about
1.005 to 1.006
from 1.00 to 1.01

1.27.

Diameter ...	5										
Height	4.0										
Altitude ...	520										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 <u>Malvern</u>
January ...	3.53	3.09	4.28	1.28	3.88	1.93	3.77	3.46	4.57	1.45	5.10
February ...	1.01	2.24	3.18	5.74	5.7	3.06	2.37	3.13	2.27	.76	.68 71
March	2.33	1.21	2.33	1.82	2.09	1.49	.58	2.96	3.36	.09	2.53
April	4.78	1.14	2.48	2.86	2.20	1.92	2.57	1.62	1.37	.97	3.14
May	1.89	1.30	.78	2.05	8.11	3.22	3.96	1.53	1.19	1.98	2.28
June	3.22	.66	.95	.36	2.81	.01	1.41	3.61	2.66	1.87	1.66
July	4.88	.52	5.34	3.40	5.02	3.20	2.41	3.72	1.45	2.17	3.41
August .....	.69	4.11	3.20	2.15	3.04	2.49	3.09	4.60	2.08	1.54	3.65
September...	2.64	1.12	2.88	2.02	5.50	4.23	.56	4.88	0.83	.79	4.67
October	2.85	1.66	.39	5.55	5.10	3.24	2.82	2.23	5.37	4.49	2.88
November...	.95	2.06	1.35	1.34	2.97	1.64	6.54	4.21	2.61	8.72	3.67
December...	2.96	1.70	4.20	2.82	3.20	2.69	.66	2.67	2.67	6.31	3.51
TOTALS...	32.50	18.81	31.36	31.63	45.49	28.12	30.74	38.62	30.43	31.14	37.18
	0	0		0	0	0	0	0	0	0	0

Inspected 7.5. 6. on side of Malvern Hill above main street.
on steeply sloping ground but 6. well sheltered by houses to E,
Hills all around. 6. actually on a wall 4ft. high.
Stevenson screen alongside. Exposure foot.

Unorthodox exposure but record to be revised June 2nd 1969 26/6

MET. O. S. RAIN-GAUGE
RETROSPECTIVE

446804

NGR: 50(32) 714' 4536

ALT: 520 ft = 158 (inches) Date of review

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
Jan. 1930	52° 8'	2° 18'	St. Malvern	1/2 m.	E.	St. Malvern	200 yds.	E.

RAINFALL at Malvern (Belle Vue House) ^{II}County of WorcestershireObserver A. Mander Esq.River Basin Severn - Right Bank Tribs.

Type of Gauge.....

Annual Average 29.4 in. based on 27 years obs. ~~un~~-weighted. Period of average 1851-1915. Ref. 3

769336/27.

Diameter	5										
Height	4 0										
Altitude	520										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.52	3.08									
February	2.14	.15									
March	.17	1.90									
April	3.66	3.96									
May	4.58	7.46									
June	4.62	1.79									
July	3.30	1.94									
August	5.49	3.68									
September	2.50	3.54									
October	.97	4.09									
November	4.54	1.65									
December	1.18	1.40									
TOTALS	34.67	34.54	#								

II Printed in B.R. with foot-note "Exposure not orthodox."

1932. From railway partly tree covered, V.

Terminated. No observations made after 1932.

MET. O.S. RAINMASTER
RETROSPECTIVE SITE REVL.

446804

NGR: 54(32) 714 459 6ALT: 520 ft. 158 metres. Date of reading 13/2/38Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
			St. Malvern	2 mi.	E.	Malvern Priory 200 yds.		S.E.