

RAINFALL AT Swainbourne House

Lat.

Lon.

County of Buckinghamshire

Sporer's pattern Rain Gauge, by

Observer Lord Cottesloe

Acclimatization Agent

5 - Quare.

Diameter ..					5						
Height ..					1 0						
Altitude ..					411						1
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					2.66	.79	3.84	1.06	1.93	.90	
February ..					3.12	.59	1.96	1.17	1.01	.44	
March ..					1.42	2.77	1.68	.94	2.74	2.32	
April ..					1.24	2.02	.75	2.66	4.33	2.00	
May ..					2.43	1.06	1.43	3.37	2.60	1.76	
June ..					.77	3.66	3.70	2.20	1.42	3.99	
July ..					3.91	.45	.45	1.72	2.27	3.57	
August ..					2.75	3.94	1.31	1.98	2.99	3.27	
September ..					1.56	1.73	1.38	.60	1.44	2.96	
October ..					1.08	1.43	4.43	4.18	1.48	3.71	
November ..					1.59	2.90	3.89	2.14	1.02	.67	
December ..					1.98	.92	2.34	3.80	2.07	2.73	
TOTALS ..					24.51	22.26	27.16	25.82	25.30	28.32	

D D D D D D

St Swithun's Church 383 yards N.E.

Swainbourne L.N.W.R. Station 1½ Miles N

Vase 4½ ft high 16 ft E.

Shrubs 5½ ft high 11½ ft. N. S and W.

RAINFALL at Swarbourne HouseCounty of BuckinghamshireObserver Lord LofftisloeRiver Basin Cause 5

Syringe Rain Gauge, by _____

Diameter ...	5									MEANS.
Height	1.0									
Altitude ...	411 ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
January ...	1.08	4.17						2.93	3.22	
February ...	1.57	2.19						1.36	2.68	
March	2.00	3.54						.71	4.64	
April	1.45	.06						3.87	3.32	
May	1.82	1.87						2.09	1.46	
June	1.55	2.52						.93	1.08	
July26	2.27						5.07	2.35	
August94	6.20						1.07	3.14	
September ..	1.66	1.62						5.83	1.93	
October ...	2.13	2.85						1.77	2.06	
November ..	2.61	1.93						2.31	1.68	
December ...	5.12	3.50						2.97	4.99	
TOTALS ...	22.18	32.72	N.R.					30.91	31.54	

Shrub & high 12 ft S + W

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911 1918	51° 36' 30"	50° 33'	Swarbourne	1/4 mi	N	St. Swithins	1/4 mi	NE

RAINFALL at Swainbourne House School

County of Buckinghamshire Observer Col. Lord Cottereloe
 River Basin Gowe R.H.C. Evans.

Springs Rain Gauge, by _____

Diameter ...	5"										
Height	10										
Altitude ...	411										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.
January ...	2.28	2.27	2.04	1.03	2.91	1.46	3.24	2.44	3.70	1.29	3.07
February85	.38	2.06	3.49	.56	3.10	2.37	3.88	1.75	.98	.90
March	2.50	1.22	1.79	1.77	.76	.88	.38	2.32	2.06	.09	1.60
April	3.89	1.05	2.73	2.19	2.87	1.69	2.74	1.84	1.17	1.34	1.96
May	2.07	1.84	1.02	1.76	6.32	2.15	3.02	.99	1.52	1.45	2.36
June	2.59	.29	.39	.52	2.16	.02	3.10	3.67	2.62	.89	1.39
July	4.09	.18	4.06	2.90	3.47	3.79	2.16	2.42	2.24	1.30	2.66
August	1.32	1.57	3.03	3.72	2.57	2.21	1.23	3.58	2.49	.59	3.04
September..	2.21	1.21	1.65	2.68	4.09	3.31	2.41	6.01	.60	.32	3.20
October.....	1.21	1.08	1.08	4.32	4.42	3.10	2.48	1.66	3.45	0.92	1.19
November...	.77	1.49	1.18	1.38	2.98	1.76	4.14	2.88	2.91	6.43	4.26
December...	2.31	1.63	2.49	2.88	4.36	2.15	.45	3.00	2.76	5.09	2.85
TOTALS...	26.09	13.82	23.52	28.64	37.27	25.61	27.72	34.69	27.27	23.72	28.38
	D	D	D	D	D	D	D	D	D	D	D.

1922. See previous year, rather short.

1926. Shrubs 6' high 20' N-S.

1930. g. read in Winter 9 am.

- - - Summer 10 - .

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
 Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1918								
1921	5°36' 8"	0°50' 33"	Swainbourne	1/4 mi	N	St. Swithins	1/4 mi	N E
1924	5°36' 5"	0°50' 38"		1/2 mi	E	for longe 21	1/4 mi	E.

RAINFALL at Swanbourne House School.

County of Buckinghamshire

Observer H. L. C. Evans, Esq.

River Basin Ouse - S.

Type of Gauge

Annual Average 26.3 in. based on 23 years obs. un-weighted. Period of average 1881-1915.

Ref. S.

A 201873/41

16248/30

Diameter	5"											
Height	1.0.											
Altitude	411.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.34	1.56	1.93	1.61	1.81	4.03	4.09	2.43	4.83	2.35	24.68	
February	2.46	1.19	2.70	1.33	2.87	1.89	4.19	1.88	1.71	1.50	17.72	
March	1.27	2.47	3.15	1.94	1.53	1.75	3.73	1.31	1.81	2.04	18.00	
April	3.62	2.67	1.87	1.93	4.22	1.52	2.13	1.77	3.02	1.57	22.66	
May	2.84	5.43	1.88	1.68	1.89	1.73	4.24	1.63	1.86	.96	21.84	
June	2.74	1.49	1.77	1.01	3.08	4.90	1.59	1.71	1.71	1.43	18.43	
July	3.76	2.84	1.65	2.24	1.85	5.79	1.48	1.49	3.04	2.61	25.75	
August	3.00	4.24	1.83	1.72	2.88	1.34	1.81	4.39	2.87	-	20.58	
September	2.84	3.32	2.08	2.26	4.79	4.13	1.66	1.65	1.69	1.09	24.50	
October	1.64	4.32	2.00	1.45	3.11	1.60	2.83	3.32	6.62	2.51	18.40	
November	3.43	1.50	1.55	2.61	1.11	2.61	1.56	2.78	3.71	6.14	30.00	
December	1.15	1.63	1.32	1.37	2.77	1.92	2.11	3.46	1.91	1.25	21.89	
TOTALS	28.09	29.66	20.73	24.14	31.91	31.21	31.42	23.22	31.68	22.39	274.45	77
	d	d	d	d	d	d	d	d	d	d		

Position 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	Parish Church	Distance from gauge
1931			Swanbourne	1 1/4 mi.	E.	Swanbourne	1 1/4 mi. E.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 1020

41

RAINFALL at Swanbourne House School

County of Buckinghamshire

Observer H. L. C. Evans Esq.

River Basin River - 5

C. N. WYNN, Esq., F.R.Met.Soc.

Type of Gauge

Annual Average 26.3 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref S
E 1033349

File No. A 20187341

Diameter	5"		169	426							
Height	1' 0"				1						
Altitude	411'				41					410'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.97		3.07	1.10							1.48
February	1.88		1.72	1.02							3.84
March	2.26		1.64	1.12							1.73
April	1.79		1.14	1.59							2.30
May	1.45		1.46	0.96							2.88
June	1.55		1.74	1.40							1.82
July	3.11		1.61	2.05							(4.23)
August	3.60		1.79	1.65							3.50
September	1.19		1.78	2.16							2.75
October	1.17		1.93	3.33							inc. 1.74
November	1.86		1.40	3.00							2.26 4.61
December	1.13		0.88	1.82							1.87 1.19
TOTALS	22.96	N.R.	14.16	19.20							29.07 D
	a		19.16	19.20							mp. inc

1943. N.R. for 1942 - see enclosure 3A file A 201873 41

1943 NP do.

1945 Site occupied. Shows much t. mle any improvement
1946 no place.

'49 new gauge installed 35 yds East from 2d Site.

1950 Tree 60' high 65' NW + 5' SW. House 40' high 75'E.

Position 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	Parish Church.	Distance from gauge
1941			Swanbourne	1m	N.E.	Swanbourne	440y E.

BRITISH RAINFALL ORGANIZATION

Station No. 1020

51

RAINFALL at SWANBOURNE HOUSE SCHOOL

County of BUCKINGHAMSHIRE

Observer C.N. WILSON Esq., F.R.Met.S.

River Basin Ouse - 5

H.A.C. Evans, Esq. (1954)

Type of Gauge.

Annual Average 26.3 in. based on 23 years obs. un-weighted. Period of average 1881-1955 Ref. S

File No. K 10333/49

Diameter in.	5			169	426 ✓					
Height ft. in.	10				1					
Altitude ft.	410				51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January ...	2.23		1.02	1.88	2.25	3.71	1.70	2.87	3.60	3.06
February ...	3.09		1.26	2.21	1.06	.36	3.14 (3.00)	.03	2.25	
March ...	3.47		.38	2.79	1.90	.84	1.91	1.59	2.70	.92
April ...	2.55		2.66	.31	.61	1.52	.21	.83	2.19	.65
May ...	2.49		1.84	2.58	4.71	.28	1.88	1.99	.79	1.42
June ...	9.5		1.76	3.63	2.59	2.17	2.77	4.62	.99	2.53
July ...	1.11		3.14	2.47	.58	2.29	2.37	2.37	2.41	3.38
August ...	4.94		3.09	3.55	.85	3.76	2.14	2.81	1.06	3.28
September ...	2.44		1.25	2.39	1.11	2.24	3.11	3.26	.14	3.39
October ...	1.18		1.57	2.09	1.48	2.06	1.78	2.78	2.04	5.32
November ...	4.98		2.37	4.06	2.39	1.56	1.71	2.12	2.24	3.04
December ...	1.69		.48	2.38	2.76	3.03	3.27	2.85	3.30	3.72
TOTALS ...	31.12	NR	20.82	29.34	22.29	23.82	25.99	31.09	21.49	32.96

1951 Trees 60ft. high, 65 ft. N.W. and S-SW. House 40 ft. high, 78 ft. E.
20004

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 42119927.3

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1951			Swanbourne	1½ mi.	N.	Swanbourne	400 yds NE.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1911 NR 15-17	✓	✓	✓	✓
		✓	✓	✓	✓	✓