

RAINFALL AT Hampden House Gdns.

Lat. _____

Lon. _____

County of

Bucks.

Rain Gauge, by _____

Observer Earl of Buckinghamshire

3. Thames - wye etc.,

Diameter ...						5				
Height						10				
Altitude ...						690				
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
										MEANS.
January ...	4.09	1.17	.99	3.01	4.03	1.29	4.68	.91	1.76	1.20
February ...	4.63	1.81	1.73	1.30	4.02	.86	2.10	1.52	1.21	.59
March91	2.54	1.92	4.53	1.68	3.79	1.77	1.51	3.94	4.19
April	1.24	2.47	1.17	3.00	1.60	2.08	.95	3.89	4.12	2.23
May	1.70	1.94	2.68	3.14	3.15	1.57	2.23	2.05	2.26	2.10
June	2.57	1.94	3.19	6.41	.98	4.08	3.00	2.96	.89	4.17
July	1.34	1.85	1.01	4.04	4.20	.70	.80	3.21	2.89	2.98
August	3.82	2.53	4.70	4.99	2.94	3.18	1.77	1.74	3.60	2.63
September ..	1.09	1.83	.70	2.28	1.79	2.71	1.44	.74	2.48	2.56
October ...	2.80	2.73	2.32	8.48	1.60	1.92	6.06	5.84	1.96	5.19
November ...	3.55	.93	2.72	2.40	1.87	3.71	4.03	2.74	1.64	1.08
December ...	4.60	5.18	1.71	2.51	3.02	1.47	2.95	4.51	2.62	3.46
TOTALS ...	32.34	26.92	24.84	46.09	30.88	27.36	31.78	31.65	29.40	32.38
	np/late	np/late	np/late	np/late	np/late	np/late				

1905-6-7-8 greed. 1-III-11 entd. 17-X-12

Shrubs 10 ft. high 10 ft. N.T.S.

Back years 1900-1904 received 12.8.40 WTH

RAINFALL at Hampden HouseCounty of BuckinghamshireObserver The Earl of BuckinghamshireRiver Basin Thames, Wye & C. 3

Howard Rain Gauge, by
 1711 Snoddon
 1915 Insulated Glass Snoddon

Diameter ...	5											
Height	1	0										
Altitude ...	690	T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.98	1.15	3.80	3.86	.91	3.08	1.73	1.61	2.71	4.56		Total 16.19 10.61
February ...	3.84	1.94	2.40	.91	3.24	4.89	4.72	1.24	1.07	2.88		9.91
March	1.30	2.33	4.06	2.60	5.14	1.35	5.28	2.02	.62	4.63		12.55
April	2.54	1.65	.04	2.93	.92	1.19	1.43	1.85	4.22	3.27		10.77
May	2.34	2.50	2.03	2.06	1.56	2.44	1.42	2.17	2.29	.30		6.18
June	4.96	2.21	3.47	.82	1.85	.37	2.96	2.31	1.06	1.17		7.50
July	2.17	.20	3.39	1.11	2.96	3.76	1.70	5.22	3.41	2.32		12.65
August	3.59	1.41	5.13	1.02	1.52	2.73	3.71	6.25	1.54	3.85		14.85
September ..	.72	1.43	2.48	1.65	.89	2.20	1.32	1.36	5.42	2.04		10.14
October ...	3.36	2.17	2.37	4.25	2.42	2.96	3.56	4.83	1.56	1.33		11.28
November ..	2.88	3.11	2.24	2.61	2.67	2.24	3.92	.98	2.51	2.01		9.42
December ...	6.01	6.78	3.77	1.02	8.11	5.79	3.46	.95	2.54	5.23		12.18
TOTALS ...	356.9	26.88	35.18	24.84	32.19	33.00	35.21	30.79	28.95	33.09		123.84 11.28

1915 Shrub 10 ft high 10 ft S+N
 2 m 8 m 26 m NW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51° 32' N	1° 30' W	P. Missenden	3 miles	S E	P. Hampden	1.50 miles	S E

RAINFALL at Hampden House

County of Buckinghamshire

Observer: The Earl of Buckinghamshire
7th Earl died Jan. 1930.

River Basin Thames - Wye &c 3

Snowdon Rain Gauge, by _____

Diameter ...	5"										
Height	10										
Altitude ...	695										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
											Total
January ...	2.91	2.85	2.85	1.54	3.14	2.19	3.33	2.86	4.52	1.53	2.91
February ...	5.8	4.4	2.85	4.56	6.2	3.59	1.94	4.50	1.74	.94	.59
March	1.73	1.15	2.00	2.20	1.42	1.80	1.23	2.87	2.26	.10	1.30
April.....	3.96	1.24	3.69	2.33	3.09	2.42	3.18	1.71	1.10	1.23	2.45
May	1.49	1.19	.93	2.12	8.04	2.88	2.51	1.47	1.60	1.89	2.68
June	2.12	1.40	1.29	1.63	1.99	.03	2.83	3.63	2.35	1.07	.43
July	5.30	1.25	5.18	2.58	4.53	5.46	2.62	3.18	2.09?	1.89	2.81
August	1.25	1.76	4.51	3.00	2.64	3.79	1.48	4.51	2.58	.90	2.31
September...	2.52	2.16	1.98	2.21	3.41	4.24	2.37	5.50	1.05	.26	3.19
October.....	1.61	1.00	.80	5.30	4.28	3.56	2.30	1.82	5.34	4.14	1.27
November...	1.65	1.98	1.33	1.78	3.03	2.29	5.33	3.51	3.21	7.52	5.18
December...	2.32	1.48	3.13	3.34	4.24	2.20	.53	3.03	2.63	6.95	3.91
TOTALS...	27.44	15.93	30.54	31.89	41.43	33.44	28.65	38.59	30.47	28.42	28.98
	D	D	D	D	D	D	D	D	D	D	335.48 161.64

1920. Shrubbs 10 ft high 12 ft N.

1927 - do - - do - E
1928 - do - - do - S.W.
1929 - do - - do - N

1930. Read 9.30 a.m. with summer time.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51°32'	1°30'	Gt. Missenden	3 1/4 mi	S.E.	Gt. Hampden	100 yds	E

RAINFALL at Hampden House

County of... Buckinghamshire

Observer Earl of Buckinghamshire

River Basin Thames - Wye &c. 3.

Type of Gauge Hayford M.O. 1939.

Annual Average 22.2 in. based on 26 years obs. un-weighted. Period of average 1881-1915.

Ref. S.

1899+1/26

Diameter	5.										
Height	1.0.										
Altitude	695.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total Means
January	1.90	2.89	2.54	2.37	89	4.11	4.69	3.82	5.12	2.57	30.90
February	2.27	3.2	2.49	1.33	2.81	1.91	4.48	.60	1.08	2.11	18.40
March	1.21	2.16	3.22	2.43	1.49	1.63	3.34	.31	1.83	2.03	17.65
April	3.89	2.61	1.10	1.81	4.24	1.32	3.49	.11	2.96	1.43	22.96
May	3.03	4.05	1.73	.76	1.82	2.28	3.52	2.31	2.10	1.06	22.19
June	1.63	1.00	1.38	1.86	3.77	3.24	1.19	.74	1.47	.54	17.02
July	4.15	2.61	2.19	1.25	.64	5.74	1.19	1.86	2.63	2.21	24.47
August	5.12	3.83	0.81	2.06	1.69	1.43	1.67	2.13	3.60	.08	21.48
September	2.92	2.75	2.33	2.01	4.84	3.85	3.36	2.13	.81	1.05	26.05
October	.83	4.86	2.01	1.74	3.78	1.36	3.26	3.43	4.09	3.15	29.15
November	4.02	2.21	1.33	2.06	3.97	3.21	1.72	2.81	4.82	7.62	33.47
December	1.02	.71	0.54	4.71	4.32	2.96	3.51	3.52	1.93	1.33	24.55
TOTALS	30.99	30.55	21.67	23.39	32.26	32.24	35.42	23.77	32.80	25.18	288.27

1931. Shoulds 10 ft. high 12 ft.

1934 Various shrubs near gauge removed completely. No near object now.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931			St. Missenden	5 miles	S.E.	St. Hampden	10 miles	E.

Station No. 1003

41

RAINFALL at Hampden House

County of Buckinghamshire Observer Earl of Buckinghamshire
 River Basin Thames Wye &c - 3 Hampden House is a girls' school.
 Type of Gauge M.O. Obs. by Gardener employed by the Principal,
(Mr. Humphreys) Mr. Hobart Brown.
 Annual Average 29.2 in. based on 28 years obs. just-weighted. Period of average 1881-1915 Ref. S
 File No. 689941/26

Diameter	5"			279	071							
Height	1' 0"				1							
Altitude	695'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.75	2.47	4.43	1.86	1.91	2.10	1.94	5.19	1.41	.98		Totals 25.04
February	2.48	1.11	1.33	1.38	1.95	2.34	1.73	1.00	1.21	1.91		19.44
March	2.64	2.02	6.62	3.88	8.83	9.95	5.39	7.73	1.35	1.03		15.74
April	2.00	1.57	1.73	2.01	1.41	1.67	2.23	1.49	1.21	2.03		16.75
May	1.39	3.32	2.93	.63	3.08	4.02	1.62	2.85	3.38	2.67		24.89
June	1.43	.58	1.89	1.45	2.37	2.99	1.65	2.67	.63	1.55		17.21
July	5.23	2.23	1.32	2.17	2.98	2.20	1.19	1.37	1.66	5.95		26.30
August	3.30	2.19	2.25	2.08	1.43	4.34	.31	2.53	1.11	4.45		23.99
September	.32	1.82	1.52	3.03	2.43	3.75	1.51	2.73	.85	3.99		21.95
October	.97	3.85	2.98	4.44	3.80	1.64	.40	3.12	6.02	.83		28.05
November	3.02	1.53	1.35	3.89	.39	6.08	1.33	1.74	3.52	5.59		28.44
December	1.74	3.40	1.16	2.02	3.51	2.50	2.58	3.51	1.55	1.82		23.79
TOTALS	27.27	26.09	22.91	25.34	26.89	34.87	21.88	28.93	22.90	35.80		271.77

41 Nothing near gauge.

1946 erected for aneroid, 11/2/56. 45ft ✓

 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			Gt. Missenden	3½ mi	SE.	Gt. Hampden	100 yds E.

Station No. 1008

RAINFALL at HAMPDEN HOUSE

County of BUCKINGHAMSHIRE

Observer EARL OF BUCKINGHAMSHIRE,

River Basin THAMES WYE

3

Mr. Humphreys, Head Gardener, (July 1951)

Type of Gauge M.O.

Annual Average 29.2 in. based on 28 years obs. un-weighted. Period of average 1881-1915 Ref. 25
 29.25 " " 35 = 1916-1950 1916-1950 P
 File No. 689941/26

Diameter in.	5		279	071							
Height ft. in.	10			1							
Altitude ft.	695			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.16	-	1.30	1.32	2.79	3.79	1.58	2.89	2.44	4.11	
February	5.37	-	2.23	2.47	2.04	.57	3.31	3.23	.22	3.18	
March	3.48	-	.54	2.82	1.18	.90	1.81	2.07	2.98	1.26	
April	3.10	-	2.35	1.42	.61	1.07	.21	1.73	2.35	.98	
May	2.85	-	1.78	3.47	3.89	.34	1.39	2.21	1.24	1.89	
June	1.65	-	1.63	3.83	2.67	2.23	2.40	4.48	2.18	2.14	
July	1.02	-	3.45	2.33	.78	2.42	3.23	3.42	3.29	4.70	
August	-	4.16	1.81	3.53	.41	4.63	3.32	3.89	2.26	4.26	
September	-	4.24	2.60	2.21	2.28	2.58	3.42	6.26	.26	6.12	
October	-	2.25	3.14	2.27	2.81	2.38	2.54	3.64	2.07	7.37	
November	-	3.64	1.59	6.87	1.71	1.05	1.98	2.90	2.16	5.28	
December	-	2.97	.80	2.90	2.73	3.42	2.87	3.69	4.59	4.41	
TOTALS ...	-	-	23.22	34.44	23.90	26.38	28.06	39.91	26.04	45.70	
				0	D	D	D	D	n.p.	5	

1951. Humphreys House and Garden rebuilt from Lord Baden-Powell's as a private school.
 Principal is Mrs. Robley-Brown. Record kept by the Head Gardener, Mr. Miller, to July 1951, then
 taken over by Mr. Humphreys, whose records later no longer relate to others in area.
 18/5/1952 Mr. Humphreys interrupted. Will undertake to do this correctly, repair gauge and move to better position.
 1953. Mr. A. T. Master, Head Gardener, observed from August 1952

1954. Tree 12°, n 14° SSW.

1955 n.p. low.

1960 Print with ?

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference SP(42)848024			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			GREAT MISSENDEN	3ml	S.N.E.	HAMPDEN HO.	100yds.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	✓