

RAINFALL at Shinfield University College Farm

County of Berkshire

Observer

Dr H N Dickson

River Basin Thames Kennet & C 4

Prof W G Duffield

Snowdon Rain Gauge, by Casella

Diameter ...				5							
Height				10							
Altitude ...				200 ft							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				3.20	.64	3.16	1.14	(1.30)	3.14	3.37	
February97	3.10	3.61	3.74	(1.10)	1.16	2.56	8.96
March				2.24	4.51	.89	4.84	(1.90)	.84	4.31	11.87
April				2.43	.77	.94	.87	1.53	3.49	2.17	8.43
May				2.20	1.47	2.90	1.77	1.22	1.58	(.28)	4.85
June.....				.64	1.69	1.45	2.13	3.02	.64	1.02	6.29
July95	2.01	4.79	1.10	6.11	5.02	1.68	14.40
August.....				1.19	2.14	2.74	4.41	(4.50)	1.18	(2.61)	12.70
September ..				1.40	.61	3.06	1.61	(2.10)	5.30	3.07	12.08
October ...				4.46	1.94	3.08	4.57	(3.50)	1.66	.86	10.59
November..				2.59	2.10	2.07	3.74	(.80)	2.00	1.51	8.05
December...				1.15	7.14	5.44	2.64	(1.20)	2.08	4.52	10.44
TOTALS ...				23.32	28.12	34.13	32.56	(28.62)	28.09	27.96	117.23

Nearest Building 150 ft away

Avg 1916-50
W
W.W. 1916-76

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
51°25' S	0°58'30' W	Reading G.W.R.	1 m.	NNW				

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RAINFALL at Shinfield University College Farm

County of Berkshire)

Observer Prof. W. G. Dugald

River Basin Thames. Kennet & C. 64

J. S. Burgess for Dr. J. A. Crowther

Snowdon Rain Gauge, by Casella

" J.R. Lloyd. Sq

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	Parish Church.	Distance from gauge
1920	51° 25' 0"	0° 56' 30"	Reading	1 mi	NNW	Shiriffield	1/2 mi. W.

RAINFALL at Shiffield (University Col. Farm) M.W.R.

County of Berkshire Observer Prof. J. A. Brewster

River Basin Thames & C. 4

Type of Gauge

Annual Average 24.7 in. based on 12 years obs. Un-weighted. Period of average 1881-1915. Ref. S
Value fits curve very well but is not used in B.R. since values are too long.

Diameter	5											Totals.
Height	1.0											Means
Altitude	200											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	1.30	2.28	1.94	1.60	1.72	4.03	4.68	2.36	4.56	2.66	2613	
February	1.71	0.6	3.65	0.9	2.54	1.93	4.09	1.41	1.18	2.19	1783	
March	1.16	1.63	2.60	2.13	1.52	2.04	3.89	1.19	1.15	2.57	1678	
April	3.03	2.32	1.23	1.38	2.98	1.60	2.03	1.10	2.614	1.11	1842	
May	3.14	4.95	1.96	1.51	1.07	1.85	3.24	1.64	1.39	1.07	1982	
June	1.05	1.06	1.17	1.71	4.52	3.79	1.62	1.63	1.10	.86	1751	
July	3.49	2.86	1.30	1.69	1.46	3.34	1.93	2.14	3.28	1.92	2141	
August	4.73	2.58	0.38	3.03	2.64	1.34	1.29	2.05	2.16	.20	1940	
September	1.54	2.20	2.76	1.93	3.37	3.59	1.96	1.09	1.94	1.23	2061	
October	1.49	3.93	1.50	1.28	3.23	1.79	2.84	2.19	4.87	3.06	2578	
November	3.30	1.28	0.86	1.67	3.68	3.28	1.38	3.92	4.49	6.62	3048	
December	1.67	5.7	0.37	6.22	2.34	2.28	2.92	3.03	1.21	1.16	2077	
TOTALS	24.61	25.72	19.62	23.22	28.07	28.86	30.87	20.35	28.97	24.65	25494	

Inspected 29.V.36 due 8 ft high and 10 ft 3 in. of gauge. A record was selected for comparison of present one. Letter of 21.5.37 from University College says gauge has now been moved.

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

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

Station No. 797 MM.W.S.

RAINFALL at Shunfield (Harrow Farm, Bell Farm)
(Univ. Hort. Farm)

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County of...Berkshire

Observer Prof T. J. Snowther

River Basin Thames. Kemmet S.C.H.

P.R. R. H. STOUGHTON (1948) (see)

Type of Gauge...

A. A. 12 in. (900)

Annual Average 24.7 in. based on 19 years obs. un-weighted. Period of average 1881-1915. Ref. S.
Value fits survey map, but it is not used in G.R. since values are too big. File No.

Diameter	5"			272	578						
Height	10'				1						
Altitude	200'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.71	3.00	4.45	1.48	1.46	1.91	1.47	4.68	1.45	.59	Total 12.23.20
February	2.10	.79	1.00	1.16	1.71	2.37	1.16	.80	1.14	1.03	16.26
March	3.11	2.05	.45	.24	.60	1.15	4.91	.77	1.50	.73	15.51
April	1.23	1.26	1.03	1.34	1.11	1.84	1.83	1.15	1.33	2.53	14.65
May	1.40	3.02	1.95	.49	1.68	3.07	1.76	3.59	2.07	1.23	20.26
June	2.11	.69	.95	1.87	2.71	3.02	1.35	1.62	.58	1.21	16.10
July	5.79	1.28	1.86	1.44	3.39	1.80	1.26	.77	1.51	4.38	23.78
August	4.48	1.43	1.44	1.44	1.47	3.42	.28	3.25	1.60	3.78	22.59
September	.23	1.00	1.69	2.27	2.38	3.97	.91	2.19	1.59	3.11	19.28
October	1.32	3.63	3.56	3.70	3.92	1.00	.53	2.29	6.82	.63	27.40
November	2.79	1.75	1.44	4.34	.28	4.58	1.10	1.69	2.73	5.08	25.78
December	1.55	2.93	1.40	1.74	2.62	2.42	2.19	3.54	1.24	1.41	21.06
TOTALS	28.82	22.83	21.22	21.81	23.32	30.55	18.74	24	26.36	23.56	28.71

1948 Total in prepared for use up instruments in field site in near vicinity & probably
same as ordinary gauge
% 117 96 86 83 94 124 76 107 95 116

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 from gauge	Parish Church.	Distance from gauge

RAINFALL at Shinfield (Univ. Hort. Farm.)

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County of Berkshire

Observer A. Austin Miller

River Basin Thames - Kennet &c. 4

(Prof. R. H. Shattock, D.Sc.)

Type of Gauge Standard + A

Professor of Horticulture (Ref. BR 1954)

Annual Average 24.7 in. based on 19 years obs. un-weighted. Period of average 1881-1915. Ref. (S) AWS
 Value fits survey map, but it is not used in B.R. since values are too big.
 25.71 in. based on 35 yrs 1916-1950 File No. 162133/1916-1950 P

Diameter	5"										
Height	1' 0"										1' 0"
Altitude	200'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.78	1.92	.90	1.12	2.98	3.22	1.42	2.76	2.36	2.42	21.88
February	4.99	.66	1.41	2.31	1.11	.17	2.71	2.45	.17	1.79	17.77
March	3.81	2.11	.32	2.15	.89	.43	1.12	1.24	2.43	1.24	15.74
April	2.78	1.45	2.60	.26	.24	1.47	.27	1.14	2.01	.38	12.60
May	2.50	3.39	1.78	1.98	3.59	.24	.96	1.73	.32	1.59	18.08
June	1.17	1.51	1.55	4.26	1.97	1.89	1.61	3.59	1.28	1.11	19.94
July	.88	.35	3.84	2.39	.17	2.69	4.18	2.54	2.75	2.66	22.45
August	4.38	2.39	1.73	3.06	.37	3.88	1.89	3.41	1.37	2.73	25.21
September	2.98	2.37	2.25	1.86	1.50	2.83	2.94	2.95	.04	3.38	23.10
October	.71	3.36	3.15	1.79	2.72	1.61	2.02	2.06	2.44	7.42	27.30
November	6.21	3.05	1.01	4.54	1.65	.52	2.38	2.32	2.36	3.63	27.67
December	1.93	2.38	.59	2.50	2.41	3.47	2.34	2.78	3.66	3.23	25.29
TOTALS	35.12	24.96	21.13	28.22	19.60	22.42	23.84	28.97	21.19	31.59	25703
	D	D	D	D	D	D	D	D	D	D	

Gauge 5' H.H. 3.0.52. Gauge old & little weathered, but sound. Floor in ground will rain off 8' 8" from gauge. Measure flat bottomed but accurate. Site re-set Friday 18th October from Surveyor Newdigate's measure. Was bought 7/52

1953. Gauge set up nearly forenoon of 2nd August.

1957. Height brought into accord with M.W.R.

1958. Rain gauge lost in rain - 13° above grass. adjustments to be made. (Inspected by Mr. L.P. Smith)

1960. Test. 1/3/60 Mr. L.P. Smith. Satisfactory.

[charts]

1958 A tilting siphon gauge is kept at this site. Not zeroed correctly. Not required to extract values from Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 41/734.6.8.6.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1952			Newbury	800'	SE 1°	Newbury	500' E

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
		C 1913 NP p 17	✓	✓	✓	✓