

RAINFALL AT *Stonehouse Haywardsfield - Wyckliffe College*

Lat. _____

Lon. _____

County of *Gloucester*

Rain Gauge, by _____

Observer *H. A. Sibley Esq*Series *L - 3*

Diameter		5				8					
Height		0 6		10	1 2	12 0	1 0				
Altitude				130	140	120		140			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January		<i>2.64</i>	<i>1.39</i>	<i>1.71</i>	<i>2.34</i>	<i>3.33</i>	<i>.28</i>	<i>2.56</i>	<i>.28</i>	<i>3.96</i>	
February		<i>.00</i>	<i>1.58</i>	<i>3.03</i>	<i>2.33</i>	<i>10</i>	<i>.48</i>	<i>(lost)</i>	<i>.57</i>	<i>3.74</i>	
March		<i>2.11</i>	<i>1.26</i>	<i>.56</i>	<i>1.63</i>	<i>2.47</i>	<i>2.42</i>	<i>.92</i>	<i>.56</i>	<i>1.96</i>	
April		<i>1.04</i>	<i>1.05</i>	<i>.00</i>	<i>3.58</i>	<i>3.59</i>	<i>.86</i>	<i>1.47</i>	<i>2.25</i>	<i>1.93</i>	
May		<i>4.01</i>	<i>1.06</i>	<i>1.98</i>	<i>1.97</i>	<i>.56</i>	<i>.26</i>	<i>1.12</i>	<i>3.54</i>	<i>1.89</i>	
June		<i>1.70</i>	<i>2.64</i>	<i>1.63</i>	<i>1.27</i>	<i>.84</i>	<i>2.66</i>	<i>1.66</i>	<i>1.48</i>	<i>2.02</i>	
July		<i>3.08</i>	<i>3.11</i>	<i>3.52</i>	<i>2.16</i>	<i>2.42</i>	<i>.64</i>	<i>1.31</i>	<i>.81</i>	<i>.94</i>	
August		<i>4.02</i>	<i>2.84</i>	<i>1.70</i>	<i>3.15</i>	<i>3.15</i>	<i>2.00</i>	<i>5.59</i>	<i>3.02</i>	<i>1.25</i>	
September....		<i>1.43</i>	<i>1.60</i>	<i>1.00</i>	<i>2.89</i>	<i>2.89</i>	<i>6.33</i>	<i>2.74</i>	<i>.87</i>	<i>1.41</i>	
October		<i>7.61</i>	<i>2.40</i>	<i>2.53</i>	<i>3.84</i>	<i>2.84</i>	<i>4.06</i>	<i>1.23</i>	<i>4.76</i>	<i>2.26</i>	
November....		<i>2.41</i>	<i>2.12</i>	<i>1.82</i>	<i>4.65</i>	<i>3.52</i>	<i>.92</i>	<i>1.28</i>	<i>2.10</i>	<i>2.97</i>	
December		<i>3.65</i>	<i>.49</i>	<i>2.70</i>	<i>(2.60)</i>	<i>1.69</i>	<i>3.87</i>	<i>3.79</i>	<i>3.08</i>	<i>2.52</i>	
TOTALS		<i>33.70</i>	<i>21.54</i>	<i>22.18</i>	<i>(32.41)</i>	<i>27.40</i>	<i>24.78</i>	<i>(29.75)</i>	<i>23.32</i>	<i>26.85</i>	

Gauge on open lawn Cypress 12ft high 27ft ESE
 1894 December record lost - estd for Gloucestershire Water 1912

1897. Feb. Mar. estd for West Gloucesters Water 1912

RAINFALL AT Stonehouse Wyke CollegeLat. 51° 44' NLon. 2° 17' WCounty of Gloucester WestRain Gauge, by N 43Observer Dr F. A. Sibly
W. A. Sibly EsqSeason E-3

Diameter ..	8	5									
Height	1.0										
Altitude ...	120				125						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.73	1.24	1.25	3.34	3.56	.71	4.30	1.35	1.25	1.07	2.180
February ..	7.11	1.23	.97	1.40	4.62	.73	1.65	1.31	.97	.54	2.053
March ....	.65	2.29	1.50	3.71	1.57	5.07	1.36	.54	3.12	3.46	2.327
April	1.07	2.72	1.80	2.21	1.33	2.38	.78	3.15	2.42	2.16	2.002
May	2.35	1.29	2.10	4.10	2.11	.33	2.05	1.56	1.49	1.11	1.849
June	1.89	2.46	3.13	4.46	1.26	2.76	3.12	2.49	.71	2.56	2.484
July	1.25	2.43	1.38	3.22	3.49	1.00	.88	4.31	1.75	2.49	2.520
August	3.66	1.75	2.71	3.34	2.38	4.09	1.18	1.89	3.60	2.40	2.700
September ..	.51	1.97	2.07	3.27	2.14	1.31	.42	.59	2.17	3.05	1.750
October	3.44	1.19	2.15	6.89	.56	1.77	4.55	6.34	1.76	4.19	3.284
November ..	2.32	1.17	2.25	1.51	1.47	4.10	3.70	2.03	.95	1.04	2.054
December ..	5.84	4.93	2.09	1.80	1.92	.58	1.38	5.26	2.35	4.28	3.043
TOTALS ..	33.82	24.67	23.40	39.25	26.41	24.83	25.37	30.62	22.54	28.35	27.946

1901 Stonehouse Church 1/2 mile W
 Shrub 8 ft high 30 ft S by E
 1903 Stonehouse Station 200 yards N

H. S.

RAINFALL at Stonehouse Wyeliffe CollegeCounty of GloucestershireObserver W. A. Sibley EsqRiver Basin Severn - Left Bank Tributaries 3Rain Gauge, by N+3

Diameter ...	5										
Height	10										
Altitude ...	125	130									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.32	1.11	4.75	5.25	.69	3.49	1.86	1.05	3.32	4.19	1042
February ...	3.63	1.26	2.43	1.04	2.04	4.93	3.71	1.45	1.50	2.83	949
March .....	.77	2.16	5.58	3.55	3.51	1.18	4.51	3.38	1.10	5.22	1421
April	2.12	.81	.12	3.39	1.20	.88	.88	1.64	2.52	2.16	720
May	1.41	1.42	2.20	2.61	1.59	2.67	2.61	2.29	1.70	.38	698
June	4.02	2.92	5.44	.35	2.55	1.64	2.07	2.68	1.03	1.36	714
July	2.22	.10	5.02	.69	4.02	3.28	1.36	2.19	2.86	3.38	979
August	4.53	1.45	7.57	1.18	1.47	3.17	4.90	6.83	1.64	2.42	1569
September ..	.55	1.44	.99	2.81	1.25	1.73	1.00	2.78	6.58	1.52	1188
October ...	3.83	2.44	3.57	2.74	1.90	3.78	5.81	3.67	1.05	2.00	1253
November ..	3.87	3.08	1.23	2.48	3.64	2.08	3.29	.33	2.02	1.65	729
December ...	4.82	6.42	3.76	1.23	6.28	4.56	3.05	1.06	2.35	3.97	1043
TOTALS ...	34.09	24.62	42.67	27.32	31.18	33.39	34.95	29.35	27.67	31.08	12305

1910 Shrub 10 ft high 20 ft SW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.45 N	2.16 W	Stonehouse GWR	200 yds	N	Stonehouse	1/2 mile	W

RAINFALL at Stonehouse (Wycliffe College)County of Gloucestershire Observer W. A. Stibley, Esq., M.D.River Basin 3 - Severn L.Snouder Rain Gauge, by N. 23.

Diameter ...	5"										
Height	1.0			6					1.6	1.0	
Altitude ...	120										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...	3.95	2.73	3.92	1.54	3.81	2.24	4.09	2.76	4.65	.85	4.85
February ...	.81	.28	3.49	6.60	.40	4.10	2.03	3.39	2.66	1.59	.36
March	3.07	1.46	2.97	2.31	1.17	.37	.50	2.88	3.07	.16	2.76
April	4.80	.81	3.45	3.08	2.66	1.64	3.41	1.05	.76	1.00	1.95
May	1.93	1.61	.55	1.40	5.70	3.41	2.42	.91	.62	2.29	1.50
June	3.38	.39	.85	.43	2.31	.01	1.95	3.30	2.13	1.63	.53
July	4.44	.58	5.00	1.57	4.52	4.09	2.72	4.30	2.21	1.65	3.18
August	1.02	2.38	4.88	2.29	3.21	3.70	2.10	4.36	1.58	2.12	2.43
September...	2.52	1.99	1.58	2.49	4.07	3.87	.85	5.18	1.01	.19	3.16
October.....	2.14	1.54	1.36	5.26	4.74	2.76	3.87	1.86	5.34	4.62	1.94
November...	1.23	2.29	1.39	1.78	2.64	1.79	6.71	2.27	2.84	8.21	3.39
December...	2.86	1.18	4.66	2.51	3.88	3.56	.51	3.44	2.45	8.04	3.36
TOTALS...	32.17	17.24	34.10	31.26	39.11	31.54	31.76	35.70	29.32	32.35	29.41
	0	0	0	0	0	0	0	0	0	0	0

Trees 15' High 20' S. 2 SW.

Wall 12' .. 35' W - WNW

1929. Change of height & new gauge on new site.

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°43'	2°12' W.	Stonehouse (G.W.R.)	200 yds.	N.	Stonehouse	1/2 m.	W. by S.

RAINFALL at Stonehouse (The Grove Wykecliffe College)County of GloucestershireObserver W. A. Dilly Esq.River Basin Sewin Left Bank Falls - 2Type of Gauge StandardAnnual Average 28.2 in. based on 28 years obs. un-weighted. Period of average 1881-1915 Ref. 162519/27

762519/27.

Diameter	5										
Height	10										
Altitude	120									160	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.28	3.49	2.63	1.90	.52	3.99	3.43	3.07	5.54	2.14	27.99
February	1.55	.16	3.43	.40	2.65	2.56	3.84	.86	1.12	2.18	18.75
March	.90	1.82	2.44	1.78	.54	1.97	3.82	.15	1.65	2.15	17.22
April	2.83	2.88	1.02	1.91	5.09	2.07	2.94	.10	3.52	2.38	24.74
May	3.33	5.97	1.88	1.03	.84	.82	1.49	1.97	.94	2.29	20.56
June	3.87	1.49	1.42	1.17	3.09	2.58	1.15	.92	1.80	.70	18.19
July	4.10	2.14	1.28	3.04	.41	4.72	2.49	2.87	4.90	4.39	30.29
August	5.09	1.63	0.72	1.69	1.84	.26	1.45	3.40	3.03	.08	19.19
September	2.42	3.15	2.57	1.67	4.24	2.75	2.49	2.27	.59	.57	22.72
October	.54	5.09	3.03	1.61	3.72	1.22	2.74	3.30	2.50	3.37	27.12
November	3.68	1.73	0.61	1.12	4.98	2.71	1.51	2.95	4.40	6.55	30.24
December	1.12	1.31	0.42	5.55	3.14	2.98	2.28	3.36	1.99	.94	23.09
TOTALS	30.71	30.86	21.40	22.87	31.06	28.62	29.63	25.22	31.98	27.74	180.10
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931. Drooping ash tree 10' high 25' S.W.

1936. House 24 ft. high 20 ft. N.

Shrub 12 " " 24 " W.

1939 Gauge moved on 1.11. 500 yds S.E. from Wykecliffe College to The Grove House 35' high 20 yds E. Tree 12' high 8 yds S.W.

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

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Stonehouse	200 yds.	N.	Stonehouse	1/2 m	S.W.

Station No. 2157RAINFALL at Stonehouse (The Grove) (Wyke College) 1946 **41**County of Gloucestershire Observer W. A. Sibly, Esq. (1946)River Basin Lower L. Bank Mills 3Type of Gauge snowdonAnnual Average 29.0 in. based on 38 years obs. un-weighted. Period of average 1881 - 1915 Ref. SFile No. 762519/27

Diameter	5'								462 180		
Height	1' 0"								START HERE		
Altitude	160'					135'			41		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.80	2.22	5.33	1.71	1.77	2.87	2.09	4.58	.98	.67	2522
February	2.97	.34	1.38	.74	2.02	1.76	1.35	1.17	1.87	5.76	1926
March	2.57	2.94	.95	.48	1.07	.86	6.98	1.34	1.28	1.46	1993
April	.94	.86	.57	.91	1.02	2.25	2.72	2.64	2.44	2.13	1648
May	1.89	3.59	3.47	1.33	2.00	4.04	1.94	4.59	2.98	2.23	2826
June	1.30	.23	2.00	2.94	2.80	2.56	1.42	1.77	.57	2.67	826
July	2.49	1.69	1.70	1.80	1.38	1.05	1.81	.55	1.78	3.51	1736
August	3.77	4.93	1.87	2.54	1.72	5.26	.65	4.38	1.43	4.27	3082
September	.64	2.43	1.75	2.86	1.91	3.52	1.64	2.69	1.68	3.45	2237
October	2.04	2.20	1.98	3.89	3.06	.38	.28	3.33	5.90	.73	2379
November	2.20	1.46	1.32	4.92	.39	4.79	1.64	1.06	2.74	5.04	2556
December	1.86	2.77	1.53	1.85	4.30	2.59	2.03	3.23	1.26	1.71	2313
TOTALS	25.47	25.66	23.25	25.97	23.44	31.93	24.55	31.33	24.91	33.63	2704

1941 Ho Ha 3' high 8' N.

1943 np low.

1944 Wall 3ft. 6 ft. N. J. 20 ft. 20 ft. E. S. E. J. 20 ft. 30 ft. N. W. House 2 ft. 6 ft. S. across lawn to mine open position. (Wall still there but the best available)

1946 Road resumed at Wyke College (a gauge is still kept at the house but road has cut some into it is shelled). gauge in new site near 1st field house. Back wall 7' 2' N. House 24' 60' S. N. W. corner of lawn.

at 5.5 m. W. W. 14.65

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

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Stonehouse G.W.R.	850 yds	W.N.W.	Kings Stansbury.	800 yds	S. by W.
1943			"	150 yds	N.	Stonehouse	800 yds	W. by S.

BRITISH RAINFALL ORGANIZATION

Station No. 2157 H.

RAINFALL at Stonehouse (Wycliffe College)

51

County of Gloucester Observer W. A. Sibly Esq.

River Basin Severn-L Bank Tribs. 3

Type of Gauge Snowden

Annual Average 29.7 in. based on 38 years obs. unweighted. Period of average 1881-1915 Ref S

29.07 " " 35 " " 1916-1950

1916-1950 62.519/27 P
File No.

Diameter ...	5"					462	180				
Height ...	1' 0"						1				
Altitude ...	135'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.83	2.11	.80	2.01	2.85	3.74	2.66	2.20	3.85	4.07	
February ...	3.44	.53	1.44	2.66	1.82	.33	2.93	3.74	.22	2.50	
March ...	3.44	2.27	.60	2.71	1.61	.47	2.19	.95	2.21	1.67	
April ...	2.90	2.19	2.57	.21	.73	1.83	.09	.75	3.25	1.05	
May ...	2.98	3.10	2.13	1.86	4.23	.75	1.54	2.48	1.85	1.36	
June ...	.81	1.98	1.67	4.91	3.62	2.14	1.26	4.04	2.51	2.13	
July ...	.68	.64	3.10	2.39	1.44	2.15	3.03	2.20	2.05	3.98	
August ...	5.27	3.97	3.14	2.70	.26	3.38	2.98	4.08	2.99	4.55	
September ...	3.03	1.40	2.69	3.36	.71	2.94	2.65	4.41	.13	3.84	
October ...	.61	3.38	2.07	2.45	1.29	1.27	1.81	2.15	2.12	5.76	
November ...	7.04	3.74	.90	6.08	2.76	.80	1.81	2.54	3.43	4.30	
December ...	2.72	1.62	.74	2.25	2.88	3.80	2.69	3.45	6.10	2.92	
TOTALS ...	36.95	26.93	21.85	34.59	24.20	23.60	25.64	32.94	30.71	38.15	
	D	D	D	P	D	NR	np.	D	D	D	

1956. NP. low; query sent re low total on 31.10.57. Small leak found and repaired November 57.
 but II 1953 book. 8. in poor condition; no bottle; mm distorted. check at junction of d. tube & funnel.
 Nat. g. rec. Holly bush 7' 8" NE, Apple trees 8' 10" NNW & 9' 12" SW. Apple trees nice
 grow larger. No alternative sites
 1957. NP. g. leaking

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference SO 808051

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

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
	✓	✓	✓	✓ n.p. 43	
	✓	✓	✓ but d 38.39	✓ but d 42	