

RAINFALL AT

Bassett Down House

Lat. _____

Lon. _____

County of Wilt

Rain Gauge, by _____

Observer Mr J. H. Mackelvey

L. 2000-1.

Diameter ...										5	
Height										10	
Altitude ...									500		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										.62	
February ...										.54	
March										3.85	
April									3.72	1.60	
May									1.72	1.43	
June .....									.65	3.34	
July									2.83	2.30	
August									4.01	2.62	
September ..									1.79	2.99	
October ...									1.22	5.03	
November ..									1.27	.90	
December ...									2.32	3.67	
TOTALS ...										28.89	

2 mi. W. of Wroughton (108)

RAINFALL at Wroughton Bassett Down House

1496

County of WiltshireObserver Monty MacalpineRiver Basin Lower Avon 1No. 305
Rain Gauge, by

Diameter ...	5											
Height	10											
Altitude ...	500?											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals
January ...	2.64	1.21	4.61	3.30	.70	5.10	2.52	1.38	3.23	5.20	2.989	16.12
February ...	3.75	2.13	2.13	1.42	3.35	5.95	4.72	1.09	1.09	2.24	2.787	12.33
March .....	.62	2.42	4.92	2.69	5.08	1.46	4.62	2.44	.92	4.68	2.985	9.14
April	2.29	1.22	.01	3.76	1.35	1.24	1.07	1.70	3.04	2.12	1.780	12.66
May	1.38	1.17	2.05	1.84	1.28	3.48	2.13	2.32	2.02	.97	1.864	7.93
June	5.13	2.28	4.14	.67	1.96	1.09	1.63	4.04	.97	1.48	2.339	7.44
July	1.65	.14	2.75	1.36	3.58	3.25	1.28	3.65	5.40	2.41	2.547	8.12
August	3.10	1.02	5.07	1.06	3.09	2.62	3.53	6.44	1.90	2.99	3.081	12.74
September ..	.35	1.27	1.18	2.93	.96	1.93	1.34	1.87	8.06	1.79	2.168	14.86
October ...	4.54	2.55	3.47	3.11	2.92	2.86	4.49	4.85	1.95	1.33	3.207	13.06
November ...	3.96	3.68	2.23	3.25	4.63	2.33	4.11	.78	2.42	1.82	2.921	12.62
December ...	6.02	6.56	4.90	1.44	6.80	5.70	4.25	1.41	3.04	4.97	4.509	9.13
TOTALS ...	35.43	25.65	37.46	26.82	35.70	37.01	35.69	31.97	34.04	32.00	33.177	133.70
	D	2	2	D	2	D	D	2	2	D		14.96

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1710			Swindon	5 m	E	Wroughton Lythall Trego	1 1/2 m 3 1/2 m	E

RAINFALL at Wroughton (Bent Doon House)County of WiltsObserver Mr. H. G. Clark, B.Sc. died 11.26River Basin Lower Avon - 1Mrs. M. Arnold-FosterSussex Rain Gauge, by No. 3056

Diameter ...	5											
Height	140											
Altitude ...	500											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Totals.
January ...	3.12	3.14	3.17	2.04	3.78	3.12	4.62	3.31	4.86	1.44	4.47	37.07
February ...	1.08	.31	3.65	5.37	.38	4.59	2.42	4.54	2.16	.85	.70	26.05
March	2.19	1.75	3.23	2.00	1.15	.34	1.10	3.12	2.43	.19	2.05	19.55
April	6.08	.65	3.32	2.54	3.10	1.96	2.77	1.84	1.91	1.18	2.27	27.62
May	2.87	2.20	1.01	2.04	4.94	2.94	2.98	1.04	1.06	2.05	1.57	24.70
June	2.27	.05	1.70	.37	3.64	.18	2.52	2.08	2.81	1.48	1.03	18.13
July	5.40	.40	4.87	1.50	4.20	3.92	3.02	4.12	2.81	1.89	2.49	34.72
August	1.27	1.76	4.71	3.06	2.30	3.70	1.43	4.72	2.04	1.61	2.02	28.62
September...	1.21	2.42	1.77	4.57	4.57	3.29	.86	8.39	1.59	.25	3.61	32.53
October	2.88	1.24	1.24	5.36	4.81	3.56	2.90	2.79	5.28	4.35	2.06	36.47
November...	1.22	2.35	1.63	2.04	2.70	2.12	6.58	2.84	3.41	7.33	5.23	37.46
December...	2.75	1.90	4.16	3.40	5.91	3.64	.47	3.05	3.12	7.46	3.63	39.49
TOTALS...	22.34	18.17	34.46	34.29	41.58	33.36	31.67	41.84	33.48	30.08	31.13	362.40
	0	0	0	0	0	0	0	0	0	0	0	0

Record will be taken 9 A.M.T. daily from 1927 instead of 8 A.M.T. as hitherto.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
			<u>Sussex</u>	<u>5 miles</u>	<u>E.</u>	<u>Wroughton</u> <u>St. Andrew's</u>	<u>1 1/2 m.</u>	<u>E.</u>

RAINFALL at Wroughton (Bassett Down Ho.)County of WiltshireObserver Mrs. Arnold-ForskerRiver Basin Lower Avon - 1Type of Gauge SnowdonAnnual Average 29.8 in. based on 17 years obs. ~~un~~ weighted. Period of average 1881/1915 Ref. Survey

678895/26

Diameter	5.											
Height	1.0											
Altitude	500.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.81	3.32	2.60	2.65	.57	3.85	4.64	3.10	4.90	2.80	30.24	
February	2.01	.16	4.11	.18	2.42	2.28	5.77	1.02	1.47	2.83	22.15	
March	.30	2.46	3.68	2.54	.67	2.69	3.38	.14	1.97	2.49	20.32	
April	2.67	3.27	1.34	2.46	4.24	1.81	3.47	.08	3.54	1.68	24.59	
May	3.52	7.08	1.97	.90	1.46	1.15	2.32	2.05	1.43	1.35	33.23	
June	3.29	1.13	2.76	1.43	4.70	2.49	1.46	1.16	2.72	.88	22.02	
July	4.62	4.09	2.59	1.80	1.33	4.52	2.16	2.41	4.08	3.54	31.17	
August	4.38	1.52	1.06	1.97	2.17	.38	.95	3.77	3.03	.12	19.35	
September	1.72	3.88	3.24	2.27	4.88	2.42	1.76	2.92	1.08	1.22	25.29	
October	.59	5.35	2.63	1.86	4.46	1.55	4.54	4.47	4.52	3.83	33.80	
November	4.57	1.95	.96	1.50	6.25	3.39	1.42	3.43	5.79	8.16	37.42	
December	1.36	.87	.47	7.72	2.96	3.94	2.68	3.23	2.17	1.58	27.97	
TOTALS	30.84	35.08	27.41	27.28	37.10	30.47	34.55	27.68	36.73	30.51	317.65	

Inspected 20/10/31: slight leak in funnel also recommended raising gauge 2" See Encl. 14A. F. 678895/26, leak mended gauge raised See encl. 16A.

1937. Building 40 ft. high 70 ft. E.

Tree 10-14 " " 100 " S.
 " 10 ft. " 40 " N.
 " 5-6 " " 40 " 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.			Swindon	5 m.	E.N.E.	Wroughton	1 3/4 m.	E.
1937			Wootton Bassett	3 1/2 m.	N.W.			
1938				4 1/2 "	"	"	2 m.	E.

RAINFALL at Wroughton (Bassett Down, Hants.) Station No. M. 1496 **41**County of Wiltshire Observer MRS Arnold FosterRiver Basin Lower AvonType of Gauge StandardAnnual Average 29.8 in. based on 17 years obs. ~~un~~-weighted. Period of average 1881/1915 Ref. SummaryFile No. 678895/26

Diameter	5				41	200						
Height	1' 0"					1						
Altitude	500'					4						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.26	3.67	5.57	1.40	2.05	2.21	2.13	5.90	1.13	4.7		27.79
February	2.96	.61	1.33	.78	2.54	2.75	1.66	1.23	1.42	4.89		20.17
March	3.44	2.22	.99	.28	1.22	1.25	6.06	1.09	1.27	1.18		19.00
April	1.50	1.48	.72	1.42	.94	2.24	2.82	2.33	1.70	2.39		17.54
May	1.70	5.40	3.20	1.28	2.06	4.09	1.52	4.55	3.11	2.43		29.34
June	1.57	.41	1.52	2.17	4.13	2.94	1.31	1.98	.57	2.21		18.81
July	1.93	1.97	1.47	2.19	1.59	1.33	1.88	.75	2.42	5.45		20.98
August	4.23	4.58	3.33	3.65	2.21	4.40	.60	3.77	1.66	2.71		31.14
September	0.75	1.86	1.65	2.63	2.72	5.01	1.48	2.31	1.90	3.56		23.77
October	1.83	4.42	4.05	4.07	3.50	1.32	.49	4.14	7.07	1.05		31.74
November	2.69	2.01	1.75	4.98	.42	5.92	2.09	1.48	3.28	5.91		30.53
December	1.87	4.49	1.39	1.63	3.59	2.60	2.67	4.55	1.10	1.95		25.84
TOTALS	27.73	33.12	26.97	26.38	26.97	36.06	24.71	34.08	26.63	34.20		296.85

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map Reference No. 41 - 114 P. 01

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

BRITISH RAINFALL ORGANIZATION

Station No. 1496RAINFALL at Wroughton (Basset Down Ho.)

51

County of Wiltshire Observer Mrs. Arnold ForsterRiver Basin Lower Swen - 1Type of Gauge StandardAnnual Average 29.8 in. based on 17 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. Survey
31.73 " " " 35 " " 1916-1950 1916-1950 PFile No. 6788.95/26

Diameter ...	5"					4 1/2	200				
Height ...	1' 0"						1				
Altitude ...	500'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.22	2.07									
February ...	4.75	7.1									
March ...	3.80	3.26									
April ...	2.97	1.77									
May ...	2.51	3.53									
June ...	1.04	1.99									
July ...	.93	.32									
August ...	5.00	5.11									
September ...	3.43	1.93									
October ...	.90	3.98									
November ...	6.76	4.62									
December ...	2.38	(2.80) #									
TOTALS ...	37.69	32.09									
	D	2.8									

1952. Dec. 1952

00014

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 41-114801

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	