

RAINFALL AT Tortworth School

Lat.

Lon.

County of W. Gloucester

Rain Gauge, by

Observer The Earl of Devon

Severn, No. 3.

E. A. M. D. L. E.

Diameter ..									5		
Height									2	0	
Altitude ..								280?	264		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..									1.50	1.29	
February ..									1.42	.54	
March									2.74	3.11	
April									2.53	2.40	
May									1.46	1.72	
June .....									.73	3.18	
July									2.20	2.45	
August									5.45	2.37	
September ..									2.70	3.51	
October									2.23	5.27	
November ..									1.25	1.31	
December ..									2.32	4.36	
TOTALS ..								33.04	26.53	31.51	

1708 Tortworth Church $\frac{1}{4}$ mile NE
Charfield Station 2 " SE

RAINFALL at Tortworth SchoolCounty of Gloucestershire Observer E. A. Smith Esq.River Basin Severn - Left Bank Tributaries 3 Miles Edith K. Smith 1916

Rain Gauge, by _____

Diameter ...	5										
Height	2 0									2 6	
Altitude ...	264										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.43	.89	3.94	5.26	1.15	3.95	2.95	1.02	2.87	4.23	
February ...	3.98	1.96	2.44	1.26	3.30	4.28	5.34	1.07	1.74	3.22	
March .....	.68	2.06	5.22	4.52	4.37	1.29	4.09	2.60	1.70	4.61	
April	2.34	1.23	.17	3.63	1.82	1.23	1.63	1.68	2.06	1.85	
May	1.94	1.24	2.55	2.91	1.63	3.57	3.08	2.97	1.38	2.55	
June	4.05	2.58	5.01	.78	2.34	1.65	2.11	2.91	.98	1.71	
July	1.88	.00	5.26	.78	2.06	4.05	1.65	2.53	4.96	2.67	
August	5.49	2.46	7.46	1.27	2.31	2.68	5.54	8.13	2.30	3.05	
September ..	.46	1.85	.64	3.56	1.58	1.29	1.00	2.92	7.81	1.08	
October ...	4.91	2.49	4.19	1.92	1.95	3.69	6.61	4.22	1.72	.23	
November ...	3.88	4.06	1.81	3.29	3.59	1.89	3.21	.65	2.04	1.87	
December ...	4.83	5.65	6.02	1.50	7.03	5.95	3.16	.65	3.23	5.37	
TOTALS ...	36.87	26.47	44.71	30.68	35.03	35.52	40.37	31.35	32.79	32.44	

1910 School + School House each about 30 yards away

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51 37	2 26	Chalfont	2 Miles	SE	Tortworth	1/2 mile	NE

RAINFALL at Tortworth School.County of GloucesterObserver E. C. Smith Esq.River Basin 3 - Severn L.M.O. Rain Gauge, by N & Z.

Diameter ...	5										
Height	2.6	2.0			1.6				1.6		
Altitude ...	264										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...	4.49	3.08	3.93	1.81	4.28	3.18	4.71	3.33	5.21	.98	5.26
February ...	1.11	.34	3.68	6.13	.26	3.37	2.40	3.19	3.04	1.09	.59
March	3.15	1.71	3.36	1.97	1.25	.60	.41	3.15	3.64	.29	2.50
April	4.86	.82	2.58	2.72	3.11	1.69	3.02	1.12	1.21	1.05	2.31
May	2.49	1.70	.82	1.84	5.52	4.44	2.32	1.13	.64	2.55	1.47
June	3.39	.15	.74	.58	2.04	.00	2.11	3.29	2.63	1.29	.64
July	4.87	.54	4.87	2.02	4.35	3.21	2.86	4.26	2.65	1.67	3.90
August	1.34	2.89	3.98	2.59	4.47	2.48	3.06	4.08	2.27	3.22	2.64
September...	2.54	2.16	1.73	2.33	4.42	4.49	1.08	5.39	1.36	.27	3.46
October	2.25	1.72	1.12	5.52	5.32	3.77	3.02	2.65	6.51	5.09	2.65
November...	1.82	2.08	1.79	2.37	2.81	1.60	6.83	2.75	4.21	9.32	3.83
December...	2.23	1.70	5.07	3.21	4.22	4.43	.56	3.71	3.14	8.33	3.32
TOTALS...	35.54	18.89	33.67	33.07	42.35	33.21	32.38	38.05	36.51	35.15	32.57

1921. School 35 ft. high 107 ft. E.

1928 House 45 " " 20 " W.

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
1920	51° 37'	22° 6' W.	Chalfield	2 m.	S.	Tortworth	1/2 m.	N.E.

RAINFALL at Fortworth SchoolCounty of Gloucestershire Observer E. A. Smith Esq.River Basin Severn Left Bank Falls - 3Type of Gauge M.O.Annual Average 31.8 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref. 5

40953/31

Diameter	5										
Height	1 6										
Altitude	264										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.92	3.66	2.82	2.94	.66	2.72	3.74	4.20	6.12	2.65	32.53
February	1.98	.16	3.26	.39	3.03	2.22	4.99	1.04	1.39	2.42	20.88
March	.61	2.46	2.57	2.53	.74	2.65	2.66	.20	1.56	2.31	18.39
April	2.53	2.96	1.53	2.12	5.38	2.54	2.50	.04	3.42	2.47	25.49
May	3.35	6.53	2.65	1.48	1.03	.38	2.07	2.46	.98	3.21	24.14
June	3.04	1.43	1.28	1.42	4.29	2.95	2.56	1.07	2.70	.49	21.23
July	4.75	2.36	1.78	1.56	.87	5.81	3.14	2.78	5.44	5.82	34.31
August	3.95	1.13	0.90	2.52	2.09	.68	.61	3.75	2.72	.16	18.51
September	2.41	4.16	3.52	2.64	6.24	3.91	1.53	2.07	1.42	1.15	29.05
October	.67	5.99	2.99	2.19	4.92	1.70	3.13	5.04	2.77	4.16	33.86
November	5.16	2.04	1.09	1.28	5.75	3.77	1.64	3.99	5.71	7.30	37.73
December	1.71	1.65	0.75	6.97	3.67	3.46	2.57	3.31	2.52	1.26	27.87
TOTALS	32.08	34.53	26.14	28.04	38.67	33.79	31.14	30.15	36.75	33.40	322.69

1932 School 60' high 30' E.

" 4.5 " 60' away N.W.

1938 " House 45' high 30' N.W.

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	Direction from gauge
1932.			<u>Chalfield</u>	<u>1 1/4 m.</u>	<u>E.</u>	<u>Fortworth</u>	<u>7 1/2 m.</u>	<u>N.E.</u>
1938			"	"	"	"	<u>1/2 m.</u>	<u>N.E.</u>

Station No. M 2144RAINFALL at Tortworth School

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County of GloucestershireObserver E. A. SmithRiver Basin Severn L. Park Falls - 3

J. R. ORRAN, Esq. (1912)

Type of Gauge M.O.Annual Average 3.8 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref SFile No. 90983/31

Diameter	5"				419	910					
Height	1' 6"					1					
Altitude	264'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.50	2.41	6.26	2.11	2.21	3.70	2.28	4.60	.86	.69	
February	4.05	.55	1.45	.69	2.77	2.43	1.36	1.52	1.08	5.41	
March	3.14	2.49	1.30	.30	1.33	1.01	6.66	1.85	1.34	1.94	
April	.88	1.31	.85	1.79	1.30	3.14	2.80	2.89	2.37	2.63	
May	2.26	4.49	3.67	.74	3.31	4.35	2.57	4.61	3.22	2.54	
June	1.89	.34	2.55	3.79	3.56	4.55	2.44	2.31	.55	2.30	
July	2.51	2.25	2.00	1.70	1.53	1.50	3.14	.75	1.35	4.14	
August	4.66	4.71	2.61	3.46	2.47	7.23	1.14	4.22	1.68	5.82	
September	1.00	3.76	2.71	3.86	3.14	4.18	1.77	2.71	2.55	4.30	
October	1.62	3.29	2.58	5.12	3.90	.75	.48	3.94	7.07	1.17	
November	2.14	1.32	1.62	6.17	.50	4.92	2.44	1.41	2.87	5.85	
December	2.22	3.41	1.97	1.86	5.17	3.65	1.76	4.24	1.72	1.71	
TOTALS	29.97	30.38	29.57	31.59	31.19	41.41	28.84	35.05	26.66	38.50	

Position of Station on reduced Ordnance Survey Map, } No. of Map

1 mile to 1 inch Series

Reference No. 51-7293

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

BRITISH RAINFALL ORGANIZATION

Station No. 244RAINFALL at Tortworth SchoolSalpica (Tortworth) 1954

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County of GloucesterObserver J. R. Organ, Esq.River Basin Green-L. Bank Tids-3Type of Gauge M.O.Annual Average 31.8 in. based on 23 years obs. unweighted. Period of average 1881-1915 Ref SFile No. 90983/31

Diameter ...	5"	4 1/4	9 1/4	5"	Do	NOT						
Height ...	1' 6"	To Hope	1' 6"	*	PUNCH							
Altitude ...	264'	042	51	*	↓							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.25	2.42	.92	2.07	2.68	3.95						
February ...	3.73	.46	1.37	3.28	1.69	.36						
March ...	3.71	2.33	1.19	3.28	1.63	.47						
April ...	3.14	2.22	3.07	.54	.90	1.82						
May ...	2.25	4.38	2.67	2.00	5.50	.50						
June ...	.79	2.52	1.80	6.77	2.66	1.96						
July ...	1.13	.89	3.91	3.56	.11	2.75						
August ...	5.29	4.61	3.99	4.13	.55	4.12						
September ...	2.75	2.63	3.43	5.21	1.11	3.35						
October ...	.67	4.39	2.42	3.65	1.55	1.41						
November ...	6.66	3.51	2.09	6.62	3.69	.97						
December ...	3.12	2.28	1.04	2.44	3.11	-						
TOTALS ...	37.49	32.64	27.90	(43.35)	25.12	Inc. NP.						
	d	d	d	D	D							

1954 Station moved 10.4.54 3/4 mi SE. -

House 30', 12 yds SE.; House 30', 46 yds NW;
Open country to NW & S.

No change in alt. - status obscure.

1958. T. Forms returned marked "Gone Away"

x letter sent re this 24/2/55

Change No? Would be
41989a
but not used
709923.
12/4/54 moved to

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 31-700930

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	-	D25-30	✓	✓ but d50	