

RAINFALL at The Wrekin ReservoirCounty of ShropshireObserver G. Riley EsqRiver Basin Severn Left Bank Inls 4.

Rain Gauge, by _____

Diameter ...								8			
Height								16			
Altitude ...								490			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...								·35	1.80	2.40	
February ...								1.15	1.50	4.45	
March								1.06	1.30	5.10	
April								1.70	2.10	1.07	
May								1.25	2.60	1.10	
June								4.65	1.00	1.43	
July								1.35	3.20	5.49	
August								3.20	1.85	1.75	
September..								3.30	4.90	1.37	
October ...								2.82	2.45	2.40	
November ..								1.45	2.00	1.25	
December...								1.10	3.00	3.14	
TOTALS ..								23.38	27.70	30.95	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Wallington					

RAINFALL at Wellington Waterworks (Watkin Res.)County of ShropshireObserver G. Bailey Esq. C.E.
W. Bailey Esq. C.E. 1921 G.H. Gower
G. N. Gower (1922)River Basin 4 - Severn

{ 8.00 Glaisher Rain Gauge, by _____
 8.00 Good condition (22)
 8.00 2 in. dia. pipe

1926 Engineer & Surveyor (W. Watkin)

Diameter ...	8					8			8	8	
Height	1.6		2.6			1.3	1.6		2.6		
Altitude ...	490	478									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	2.23	3.22	2.80	1.76		1.85	2.25	2.21	4.36	2.13	5.11
February ...	2.01	.87	1.85	4.24		2.87	1.89	2.13	2.13	.70	.53
March	1.92	.80	2.64	1.65		.95	.40	2.59	2.18	.26	2.75
April	4.94	1.13	2.26	3.11		1.13	1.77	1.73	1.76	.79	2.63
May	2.70	1.20	1.46	1.67		2.87	3.89	1.42	.95	2.14	2.53
June	4.25	.90	.42	.81		.13	1.61	4.47	3.67	2.79	1.25
July	6.00	1.27	2.55	1.78		2.43	1.92	2.50	1.33	1.79	5.42
August	1.25	1.90	2.14	2.39		2.82	2.44	5.23	3.47	1.79	1.82
September...	1.61	1.35	1.94	3.10		3.58	1.12	2.97	1.26	.79	2.77
October	3.01	1.60	1.33	2.78		2.34	2.16	2.67	4.75	3.75	3.52
November...	.91	2.13	1.03	1.72		1.27	5.41	4.53	3.59	5.41	2.97
December...	1.52	1.95	3.09	2.14		1.47	.63	2.25	2.31	4.89	2.41
TOTALS...	33.35	18.32	23.51	27.15	33.66	23.71	25.49	34.75	31.96	27.23	33.71

Inspected Capt. Baslow 30. vi. 22. Is. on level top of covered reservoir 8.9 ft. from edge of very steep embankment, falling 12 ft. to north and about 10 ft. from embankment falling 20-25 ft. to W. The land falls away generally on W. N. & E., giving undue exposure to side of Chevin plain. Is. overexposed. On side of Chevin with summit at 6.15 ft. W. N. position chosen on level ground as far as possible away from embankments but still somewhat too open site. A better site.

1923. Not always read on 10" month.

1924. Is. read weekly, & monthly totals useless.

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
1927			Wellington	1 3/5 mi.	N.E.	Wellington Church	13 mi.	N.E.

RAINFALL at Wellington 19.19 (Wrekin Res.)County of Shropshire Observer W. W. AllenRiver Basin Severn Left Bank - 4

Type of Gauge

Annual Average 25.7 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. S.

75226/30

Diameter	8					5						
Height	2.6					1' 4"						
Altitude	478											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.23	2.89	1.60	2.43	.86	3.27	3.29	3.68	5.70	2.87		
February	1.57	.22	3.48	.31	3.26	2.28	4.82	.60	1.12	3.58		
March	.21	1.85	2.07	2.20	.71	2.15	2.67	.52	1.67	2.54		
April	4.24	1.92	1.23	2.36	3.36	2.24	2.25	.28	2.44	3.77		
May	5.08	5.03	1.96	1.02	1.16	1.44	2.77	2.06	1.69	3.24		
June	5.28	1.05	3.52	1.30	3.05	3.83	2.41	2.22	1.67	1.83		
July	4.70	4.37	2.11	1.16	.52	5.37	3.68	3.48	6.65	3.82		
August	5.22	2.10	1.02	2.31	2.37	.94	1.65	4.68	1.67	.26		
September	3.08	1.92	.76	1.62	3.33	3.34	2.40	1.46	.88	1.64		
October	1.05	3.49	4.02	2.14	3.72	1.85	3.22	3.95	4.87	4.69		
November	5.04	1.95	1.20	2.97	5.36	2.83	1.76	3.76	5.48	9.01		
December	1.17	.93	.42	4.37	2.50	2.70	3.23	3.25	2.64	2.31		
TOTALS	57.87	27.72	23.39	24.19	30.20	32.66	34.15	29.94	36.48	39.66		

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.			Wellington	1 3/4 m	N.E.	Wellington, Christ Church.	1 1/2 m	N.E.

Station No. 2298RAINFALL at Wellington W.D. (Wreckin Resr)

41

County of ShropshireObserver W. Walker Esq.River Basin Severn Left Bank 4The Surveyor.

Type of Gauge.....

Annual Average 25.7 in. based on 7 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref S.No. > 2 in. low. 1-1-18 1848?File No. 78226/30

Diameter	5"				432	716						
Height	1'4"					1						
Altitude	478'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.81	2.06	5.96	2.85	1.74	3.22	1.95	5.82	1.59	.71		
February	3.34	1.41	1.51	1.96	1.96	2.24	1.54	1.34	.71	5.88		
March	3.16	1.97	1.46	.54	1.39	1.01	5.55	1.28	2.14	.93		
April	2.16	1.54	1.39	1.82	.96	1.73	2.96	1.83	2.24	3.06		
May	3.32	4.51	3.52	.94	3.78	2.90	2.60	1.68	1.58	1.38		
June	2.82	2.04	2.59	1.57	2.75	2.17	1.36	3.10	.98	1.52		
July	3.17	2.41	2.11	2.40	2.48	2.84	3.96	2.12	3.92	3.57		
August	3.65	2.16	1.95	4.13	6.14	7.18	1.01	4.80	1.71	6.42		
September	1.16	2.26	5.22	3.11	2.26	5.66	1.58	3.83	.77	4.44		
October	2.50	2.46	2.63	3.64	6.43	.50	.80	2.72	4.37	1.10		
November	3.56	1.26	3.35	4.75	.47	6.10	2.08	1.48	3.26	4.43		
December	1.63	3.52	1.32	2.02	3.65	2.54	2.53	4.29	1.47	1.88		
TOTALS	34.26 D	27.60 D	33.01 D	29.73 D	34.01 D	38.89 D	27.92 D	34.29 D	34.74 D	35.32 D		

1946 Dec. cor'd forw. on 41090. 12.864. 1/2 (No equiv. of B.R. amended.)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			Wellington	1 1/2 m.	N.E.	Wellington Christ Church	1 1/2 m.	N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2298

RAINFALL at Wellington N.W. (Blackin Res.)

51

County of Shropshire Observer The SurveyorRiver Basin Liver - Left Bank - 4 East Shropshire Water Board.Type of Gauge Glaisher SNOWDONAnnual Average 25.7 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 78226/30

Diameter ...	6"		8"	432	716		8"				
Height ...	1' 4"				1		1' 0"				
Altitude ...	478'				51		478'				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.55	3.56	.73	1.96	2.79	3.79	1.63	1.96	3.20	4.96	
February ...	3.47	.71	2.20	2.76	1.59	.46	1.76	3.31	.24	2.29	
March ...	5.68	1.94	1.23	2.26	4.14	1.53	2.13	2.13	2.20	1.83	
April ...	2.20	2.27	3.54	.69	1.50	2.03	.18	.59	3.60	1.42	
May ...	4.84	4.22	2.61	3.29	5.69	1.36	1.38	2.18	1.36	2.41	
June ...	1.26	2.76	3.02	3.07	3.73	2.80	2.41	5.86	1.92	2.51	
July ...	2.48	.97	3.58	2.94	.73	2.45	2.91	4.08	2.70	3.31	
August ...	4.24	3.15	3.01	6.41	1.92	4.78	4.87	3.79	1.09	2.76	
September ...	2.84	2.15	3.14	2.16	2.67	3.63	5.14	5.07	.24	5.23	
October ...	1.04	5.07	2.47	5.00	1.47	2.31	1.94	2.75	2.82	6.02	
November ...	8.77	3.30	2.03	7.34	2.81	.89	2.23	1.84	3.44	4.24	
December ...	3.28	3.32	1.44	2.64	2.90	2.93	1.29	3.01	4.34	2.92	
TOTALS ...	42.65	33.42	29.00	40.52	31.94	28.96	27.87	36.58	27.15	39.90	
		NP	d	d	NP	NP	d	d	d	d	

1951 appears big but printed? Observer does not agree, see file. gauge in the open near reservoir

1952 NP big

1953 Printer.

1955. n.p. big. Sept '56. Engr found gauge had leak at joint in lower conical section; repair to be effected.

1956 - NP. big & readings excessive until Sept due to leak.

1957. n.p. 1958 good. Opening with 10% 1956. See 1957-1958.

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 57 637096

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Wellington	173m. N.E.	Lehrich Church	1/2 m. N.E.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C19.7	✓ A24.22620.29 d 27.30	✓ 1/2 m. d 32-37 - 31	✓	✓