

RAINFALL at The Wrekin Reservoir

County of Shropshire Observer G. Riley Esq

River Basin Severn Left Bank July 4

Rain Gauge, by

Diameter ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height											8
Altitude											16
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January35 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 1.80 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 2.00 3.14
TOTALS ...											23.38 27.70 30.95 by imp.

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

2298
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RAINFALL at Wellington Waterworks (Wokin Res.)

County of Shropshire

Observer G. Riley Esq., C.E.

River Basin H - Severn.

Village C.C. D.C. 1921 & H. Commer.
G.N. Commer ('922)

{ 8.00 Glassher Rain Gauge, by _____
 8.00 Good condition (22)
 8.00 2. in drain-pipe .

1926 Engineer & Surveyor (W. Walker)

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	MEANS.
January ...	2.23	3.12	2.80	1.76	1.85	2.25	2.21	4.86	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	1.40	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	1.53	1.79	5.42	
August	1.25	1.90	2.14	2.39	2.82	2.44	5.28	3.27	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	27.13	33.66	23.71	25.40	34.75	31.96	27.23	33.71

Inspected Capt. Bastow 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 Cheshire plain. Is. overexposed. On side of hillside with amount of 15° to N. New position chosen on level ground as far as possible away from embankments but still somewhat to open side, a better site.

1923. Not always read on 1st month.

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

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 Christiansburg	1 1/2 mi.	N.E.

RAINFALL at Wellington 19.19 (19 feet 10 ft.)

County of Schleswig-Holstein

Observer W. G. Falke

River Basin Seewasser 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	2.22	3.48	3.1	3.26	2.28	4.82	6.0	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	2.34	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	3.85	2.41	2.22	1.67	1.83	
July	4.70	4.37	2.11	1.16	.52	3.37	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	.36	
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	1.14	.93	.42	4.37	2.50	2.70	3.23	3.25	2.64	2.31	
TOTALS	37.87	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. } 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	Direction
1931.			Wellington	1 3/4 m	N.E.	Wellington, christ church	1 1/2 m	N.E.

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

Station No.

2298

RAINFALL at Wellington W.W. (Breckin Rest.)

deed 1945

County of

Shropshire

Observer

W. Walker Esq.

River Basin

Severn Left Bank 4

The Surveyor

Type of Gauge

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

Hr. > 2 in. low. 6th 1948?

File No.

78226/30

Diameter	5"				432	716				
Height	1' 4"					1				
Altitude	478'					41				
Year	1841	1942	1943	1944	1945	1946	1947	1948	1949	1950
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	1.98	1.38
June	2.82	2.04	2.59	1.51	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	1.22	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	34.28	27.60	33.01	29.73	34.01	38.39	27.92	34.29	24.74	35.32
	D	D	D	D	D	D	D	D	D	D

1946 Dec cor'd for with on 41090. 12.3.64. 48 (Not copy of B.R. amended.)

Position of Station on reduced Ordnance Survey Map, | No. of Map..... Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1941			Wellington	1 1/2 m.	N.E.	Wellington Christ Church	1 1/2 m. N.E.

Station No. 2298

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RAINFALL at Wellington W.W. (Whickham Res.)

County of Shropshire

Observer

River Basin. Severn - Left Bank - 4

The Surveyor

Type of Gauge. Glaisher SNOWDON

Earth Shelters Water Board.

Annual Average 2.57 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. S

File 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	NP	d	D	NP	NP	D	D	D	D	

1951 appears big but pointed? observer does not agree, see file. Gauge in the open near reservoir

1952 NP big.

1953 Painter.

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

1956. NP. big & readings excessive until Sept due to leak.
1957. n.p. big. Oct '56. New gauge set up. See report 6/6.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SJ 637076

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Wellington	190m.	N.E.	Leekst Church	12 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
		C1917 —	✓ A24, D26, 28, 29 d 27, 28	✓ but d 32-37 — 31	✓	