

RAINFALL at Pirmingham W.W. - Elan VillageCounty of Brecon Observer C. Antony Lees EsqRiver Basin Wye 8

Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...							700				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Means. Totals
January ...	6.01	2.04	5.97	8.73	4.78	7.50	4.47	2.64	6.40	6.11	19.62
February ...	7.67	4.05	3.77	2.83	8.80	10.10	8.41	1.14	5.01	4.03	18.59
March	2.15	2.83	10.25	8.66	9.86	1.47	3.93	3.94	3.33	8.35	19.55
April	4.59	2.64	.78	8.53	2.67	2.07	4.69	3.28	1.93	3.61	13.51
May	3.26	1.83	1.97	3.31	3.01	3.71	4.69	4.24	3.88	.78	13.59
June	7.13	4.58	6.16	3.41	2.11	1.74	2.86	2.74	2.39	3.31	11.30
July	5.20	.74	4.34	1.27	5.54	6.15	2.85	1.99	4.76	1.58	11.18
August	6.43	7.25	11.10	1.70	3.62	4.63	4.17	12.09	2.61	4.23	23.10
September ..	.40	3.87	.90	3.62	3.17	.91	3.74	2.97	11.85	2.36	21.12
October ...	5.60	5.55	6.34	6.46	3.15	3.29	10.54	8.73	4.28	2.69	26.24
November ..	8.54	6.89	5.57	8.03	8.38	5.23	5.34	5.59	4.47	4.12	19.52
December ...	11.75	14.15	8.57	4.24	12.09	12.86	4.10	2.00	10.10	11.63	27.83
TOTALS ...	68.73	56.42	65.72	60.79	67.65	59.66	59.79	51.35	61.01	53.00	225.15

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

J. W. Wilkinson C E

$$\begin{cases} 4.99 \\ 5.00 \\ 4.97 \\ 5.03 \end{cases}$$

W. 8856

Glass tested.

Diameter ...	5											
Height	1.0											
Altitude ...	700											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	1920-30 Means
January ...	7.90	7.24	5.53	6.39	5.16	6.61	8.30	8.08	11.25	1.96	10.21	81.63
February ...	3.61	3.30	6.40	13.31	1.11	10.23	3.82	5.03	6.22	1.85	.89	52.82
March	8.35	5.71	3.97	2.75	2.23	2.32	1.69	6.31	4.50	.43	3.68	41.94
April	8.87	1.82	4.72	3.98	5.45	4.63	3.08	3.47	2.12	1.13	4.43	43.70
May	4.98	2.49	1.06	4.64	5.08	5.24	3.07	2.12	.88	3.88	3.47	36.91
June	3.52	.54	1.91	.58	3.02	.16	2.64	6.92	5.91	3.33	1.89	30.72
July	5.88	2.44	6.86	4.33	6.33	3.67	7.65	6.83	3.30	3.49	5.88	56.66
August	1.97	6.39	3.34	5.41	5.68	5.91	5.27	9.27	6.14	2.46	6.66	58.5
September...	4.36	1.69	4.68	5.56	8.11	4.22	3.60	6.16	1.66	2.43	7.17	44.64
October	5.78	2.32	1.46	9.98	6.84	7.16	5.64	4.82	7.88	8.19	8.46	68.53
November...	2.28	4.64	2.57	5.96	4.48	4.12	9.84	3.87	10.65	(14.05)	7.46	69.88
December...	5.08	5.85	6.81	5.22	5.81	6.29	1.87	3.93	4.74	14.94	7.79	71.33
TOTALS...	62.54	41.73	52.31	68.11	62.30	60.61	56.47	66.81	65.25	(58.14)	67.99	662.26

Insectid U.S. 11.7.21 ♀, at 6 inches ^{Recommnd} ~~to insectid~~. On level ground in square matted
in enclosure, trees & bushes all round, site excellent. Inner can heal.
It was until 3 years ago 400 yds E but became sheltered by trees.
Recommnd referring inner can and keeping grass down.

Reference No. _____

[illegible]

RAINFALL at Birmingham W.W. (Sean Village)County of BorconObserver J.W. Wilkinson, G.E.River Basin S. WyeH.A. Barnes, Esq. C.E. 1940Type of Gauge 5 in. Feb 1940 Birmingham Water BullAnnual Average 44.4 in. based on 26 years obs. un-weighted. Period of average 1881-1945. Ref. Av. W. 546. P.B. 392

660 552/26

Diameter	5.										
Height	1.0										
Altitude	700										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
							†				
January	6.85	9.67	6.27	6.68	2.66	8.42	9.97	10.04	9.52	3.82	73.90
February	6.41	17	6.60	50	7.46	3.57	8.87	3.31	6.68	4.52	46.09
March	1.71	4.01	4.04	5.55	2.00	3.77	4.21	1.01	3.91	3.76	33.97
April	4.86	6.37	98	4.11	7.54	3.68	3.46	5.2	4.14	3.63	39.79
May	5.79	5.00	1.76	2.68	1.99	1.87	2.04	4.77	1.26	2.54	29.70
June	3.78	2.07	4.32	2.27	4.72	6.05	1.69	4.76	2.75	1.84	33.45
July	4.81	6.42	3.54	2.26	.98	7.09	2.87	5.41	8.48	6.65	48.51
August	5.57	1.38	1.46	6.35	1.87	.82	1.02	3.80	4.25	1.05	27.57
September	2.43	4.44	1.22	3.81	11.10	4.42	2.73	1.64	1.04	2.94	35.67
October	2.29	10.28	7.34	5.68	9.01	4.40	3.80	8.71	3.54	6.92	61.97
November	9.82	5.55	1.57	2.74	8.59	6.68	1.85	9.31	12.91	13.53	72.55
December	3.55	4.01	1.68	12.28	5.68	9.11	4.66	6.62	4.13	5.92	57.64
TOTALS	57.87	59.37	41.28	54.91	63.60	59.88	47.67	59.80	62.61	56.12	563.11

Inspected 8/37. Gauge becoming rather over-sheltered and with 1937 possibly short.
 No bottom to outer can of gauge and a new gauge is desirable. Gauge on lawn in bottom of valley in fence
 14/37. Trees quite near.

5.11.37. The site has been opened up by felling the trees surrounding the gauge.

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

Station No. T.F. 4219

RAINFALL at Birmingham W.W. (Evan Village)

41

County of Brecon Observer A.A. Barnes, Esq., C.E.River Basin 8-Wye C.A. Robinson, Esq., C.E.

Type of Gauge.....

Annual Average 5.44 in. based on years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 297File No. 66552-126 E3170/43

Diameter	5				465	390						
Height	10					1						
Altitude	700					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	4.73	6.28	10.90	6.46	4.42	7.11	5.77	14.17	2.95	2.14	64.93	
February	5.75	1.14	4.77	2.11	6.11	9.52	(2.60)	4.23	2.73	9.86	48.82	
March	4.06	4.22	1.51	.66	1.98	1.26	12.56	3.45	2.85	2.97	35.52	
April	1.82	4.17	1.82	1.88	2.63	1.86	4.81	3.80	4.78	4.82	32.39	
May	4.07	8.30	5.34	3.05	3.76	3.38	4.04	3.69	5.34	1.60	42.57	
June	1.60	1.04	3.35	2.33	6.13	4.40	2.77	5.65	.79	1.72	29.78	
July	2.66	4.39	3.12	2.92	2.68	3.19	3.28	2.62	1.41	4.43	30.70	
August	7.83	4.18	5.61	3.61	4.17	7.22	.52	4.87	2.75	7.37	48.13	
September	1.56	3.75	7.22	4.27	4.07	9.33	2.88	5.00	3.04	9.35	59.47	
October	5.88	5.53	6.50	9.79	5.51	2.88	1.08	4.16	7.71	2.90	51.94	
November	4.77	.92	6.11	8.15	1.15	11.88	6.31	3.28	9.48	7.59	58.64	
December	5.36	8.09	3.22	6.14	6.79	7.19	5.31	11.44	9.23	4.25	67.02	
TOTALS	50.09	52.01	59.47	51.37	49.40	69.22	51.93	66.36	52.06	59.00	560.91	
	D	D	D	D	D	D	D	D	D	D		

8.46. Insp. by O.S. Gauge in good condition. 5.9.46. Station completely overhauled.
 1947. Feb. 20th. fog snow by observed

20004

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.

Station No. 4219

TF. 19

RAINFALL at Birmingham WD (Elan Village)

51

County of Buckinghamshire Observer P. A. Ribbidge Esq CE.River Basin 8. WyeType of Gauge Snowdon.Annual Average 54.4 in. based on 34 years obs. un-weighted. Period of average 1881-1915 Ref PS 392- " 57.29 - " 34 - " (with) 1920-55 File No. 1916-1950 5

Diameter ...	5"				465	390						
Height ...	1'0"					1						
Altitude ...	700'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	6.22	8.41	1.99	(5.03)	4.57	8.51	5.11	6.50	7.21	8.28	62.43	
February ...	5.95	2.82	2.43	5.20	3.40	1.04	6.63	9.09	4.49	7.92	44.97	
March ...	6.39	2.49	4.76	4.70	4.92	4.12	4.79	1.59	4.83	2.94	41.53	
April ...	5.20	3.00	4.35	1.33	3.31	2.32	1.6	1.42	6.02	5.39	32.50	
May ...	3.83	3.88	2.70	3.75	6.47	7.6	3.01	4.29	2.30	2.34	33.33	
June ...	1.02	3.57	1.67	6.25	6.62	2.77	2.23	3.92	3.08	2.78	33.91	
July ...	1.93	2.09	4.99	4.35	.80	4.28	5.59	4.91	4.69	5.21	38.84	
August ...	4.93	5.21	4.19	5.64	1.47	7.18	8.03	3.92	6.4	4.34	45.55	
September ...	4.51	4.29	6.07	6.21	3.17	5.90	11.37	8.68	1.19	4.51	54.96	
October ...	1.32	6.70	3.72	8.25	4.46	3.46	4.65	5.59	7.40	7.52	53.07	
November ...	12.39	4.51	5.10	11.89	6.25	3.62	3.96	3.34	6.83	11.03	67.92	
December ...	7.99	6.03	1.99	6.43	6.08	7.06	5.02	5.09	12.03	8.53	66.25	
TOTALS ...	61.68	53.00	43.96	69.09	50.52	51.02	60.55	58.34	56.31	70.79	575.26	

1/3/1953 gauge overhauled

25.8.55. Station overhauled.

May 1956

40004

Imp. 1/15/57 1.00 ft. by wind. Site badly overhauled by tree VNE-E-S-SW. slight overhauled from hillside WNW-WNW. New site chosen for overlap. Oct. 1959. Over flow container repaired. 1959. Prelim. - Record appears 5% low on 3 months comparison with overlap but accept for this year.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SN 931649

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
	D	1920-27 D 1928-30 -	D	D	

T.F. 19

RAINFALL at Elan Village No. 2Station No. 4219/1

51

County of BuckinghamshireObserver City of Birmingham
Water DepartmentRiver Basin Wye - 8Type of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average

Ref.

File No. E. 3170/45.

Diameter ...					465	396				5	
Height ...						1				10	
Altitude ...						51				700	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...										8.50	
February ...										8.59	
March ...										2.97	
April ...										5.52	
May ...										2.45	
June ...										2.85	
July ...										5.33	
August ...										4.31	
September ...										4.63	
October ...									7.69	7.43	
November ...									7.33	11.40	
December ...									12.44	9.24	
TOTALS ...									hp	73.22	d

1959 - Telegraph pole (25') 32' SE. Houses (35') 80' S. Trees (45') 110' W.

3 Turf wall.

1959 a.p. inc.

3 Turf wall

Position of Station on Ordnance One-Inch map:

No. of Map 128National Grid Reference 8N (22) 934651

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

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					21959.