

RAINFALL AT Congleton Buglawton Vicarage

Lat.....

Lon..... County of Cheshire.

..... Rain Gauge, by.....

Observer Rev W. Bassett.

weaver - 2.

Diameter.....		.5	.8							
Height.....		1	2	5						
Altitude.....				347						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January.....				2.19	2.21	2.72	1.33	4.45	2.85	1.65
February.....				.69	2.32	.98	3.03	4.08	1.64	2.82
March.....				2.27	2.17	.69	3.48	3.01	1.30	1.36
April.....				.42	1.34	.80	2.84	1.75	1.82	2.21
May.....				2.27	1.42	1.65	.77	3.95	5.83	2.58
June.....				1.83	.64	2.97	2.29	2.48	3.35	4.33
July.....				2.92	2.18	5.01	2.71	4.39	1.50	4.01
August.....				3.24	3.87	2.38	2.63	5.23	4.96	7.92
September.....				2.50	2.89	3.88	3.99	3.38	4.56	2.10
October.....				4	3.80	2.37	4.67	2.13	2.59	2.86
November.....					2.99	2.24	4.18	3.70	4.06	3.62
December.....					4.59	.75	2.54	1.25	4.61	3.32
TOTALS.....					2512	2813	3070	3387	4220	3586
										3441

C. on a lawn, 20 yds S of the vicarage clear of trees &c with the exception of a tree 15 ft W and 12 ft high.

1873 July 5 in C. replaced by a new 8 in C. which will be put in a better position about 100 yds distant.

1878 Apple tree .8 yds distant not very high

RAINFALL AT Buglawton Vic. Congleton
 Lat. _____ Lon. _____ County of Derbyshire
 Rain Gauge, by _____ Observer Rev. W. G. Desaut

Weather - 2.

Diameter	8										
Height	5.0										
Altitude	347 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January59	.47	2.31	3.05	2.32	1.67	4.69	2.76	1.58	1.03	2.067
February	2.76	4.23	2.40	2.03	1.17	2.17	.71	.53	1.24	1.57	1.881
March	1.79	3.63	1.96	.80	2.21	2.11	2.52	1.32	2.26	3.65	2.225
April	1.90	1.11	3.10	1.64	1.32	1.55	1.43	.61	1.33	2.86	1.685
May	2.47	2.88	1.12	1.10	1.41	2.22	5.06	1.50	.68	3.17	2.161
June	4.07	2.37	5.51	3.47	2.11	3.52	1.61	1.40	2.76	.86	2.768
July	6.25	3.53	4.99	3.67	3.11	1.16	3.16	1.03	5.27	3.85	3.602
August	2.14	5.56	4.75	2.55	1.87	1.80	2.16	1.06	3.37	5.67	3.093
September	3.67	1.75	2.72	6.21	2.62	3.83	2.13	3.76	1.36	3.50	3.155
October	3.05	2.39	3.71	5.12	1.83	4.67	4.65	2.24	.96	1.89	3.041
November	3.34	3.44	5.33	3.22	2.00	2.72	2.24	1.35	3.85	2.05	2.954
December	5.25	3.48	5.00	2.02	2.77	1.65	4.21	2.28	2.18	2.65	3.149
TOTALS	39.28	34.84	42.90	34.88	24.94	29.07	34.47	19.84	26.84	32.75	31.781

1880. Buglawton Church 300 yards N.E.

RAINFALL AT Longleton Buglawton Vicarage

Lat.

Long.

County of

Cheshire

Rain Gauge, by

Observer

Rev W Besant

Weather - 2.

Diameter	8'										
Height	50										
Altitude	347 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS,
January	2.94	1.88	2.44	1.52	2.88	2.61	1.18	1.28	1.72	2.65	2.110
February54	.23	1.53	2.52	3.44	.25	1.77	2.32	2.33	1.26	1.619
March	2.56	1.92	.97	.33	1.85	3.21	3.79	2.44	.85	1.27	1.899
April	1.13	2.44	1.01	.73	1.57	2.33	1.42	2.56	1.83	2.85	1.784
May	1.76	3.96	3.70	2.15	2.16	.52	.61	.91	4.26	1.84	2.187
June	3.38	2.17	3.18	2.31	2.26	2.51	3.35	3.18	2.91	2.07	2.702
July	4.13	3.06	2.11	2.80	2.87	4.19	1.46	1.04	.95	2.19	2.180
August	4.61	3.99	3.44	3.17	3.91	2.60	2.85	2.96	4.92	1.50	3.295
September92	3.10	3.43	2.77	.51	.60	4.83	3.65	.64	3.63	2.408
October	2.39	3.91	4.50	1.96	2.45	2.87	4.08	1.38	2.40	3.01	2.895
November	6.28	2.61	1.69	1.88	2.16	2.32	1.58	2.89	1.84	1.18	2.443
December48	4.51	2.29	3.11	2.70	2.58	3.84	3.08	3.23	2.91	2.872
TOTALS	30.92	33.78	30.29	25.25	28.76	26.59	30.76	27.69	27.88	26.36	28.828

1890 Buglawton Church 300 yards NE

1880-

1893 upper tree 3 ft high 6 ft E + W

RAINFALL AT Congleton Buglawton Vicarage.

Lat.

Lon.

County of Cheshire.

Rain Gauge, by Casastelli
manufactured

Observer Rev W. Beresford

J. A. Lamer Esq. M.A. 1905

weaver - 2.

Diameter ..	8										
Height	5	0									
Altitude ..	352 T					347					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.14	1.99	1.63	3.58	2.47	1.51	4.09	1.30	1.83	1.84	2.438
February ..	3.22	1.40	1.12	1.84	2.60	1.75	3.33	1.85	2.65	.96	2.072
March93	1.99	2.42	3.27	1.24	3.14	2.79	2.47	3.00	3.25	2.450
April	1.88	2.87	2.16	1.89	1.59	2.15	2.84	2.11	2.20	1.94	2.113
May	1.38	1.73	4.61	2.16	2.01	.54	3.39	3.62	2.47	1.42	2.333
June	4.76	1.69	1.33	1.05	.86	1.83	2.10	4.79	2.01	3.25	2.367
July	2.20	3.28	1.97	2.79	1.61	3.72	1.12	3.00	2.74	5.04	2.747
August	5.58	2.50	3.01	3.89	3.77	3.40	2.14	4.45	2.89	3.40	3.506
September ..	1.05	.92	2.23	4.41	1.64	1.82	1.97	.48	2.35	3.06	1.993
October	4.15	2.99	3.17	6.61	1.05	3.02	5.16	3.11	.70	5.18	3.514
November ..	2.07	2.21	1.59	3.47	2.05	3.02	1.94 (1.89)	2.35	1.11	2.173	
December ..	3.28	5.01	2.40	1.83	1.85	.37	3.35 (1.71)	2.69	5.29	3.728	
TOTALS ..	34.64	28.58	27.64	36.29	22.74	26.30	35.72 (30.78)	27.91	35.74	30434	

D D D D D D

5

1900 Buglawton Church 300 yards N.E.

1905 Congleton Station

The gauge stands in the centre of an oblong bounded by dwarf walls

1907 200 ft E.S.E. from Congleton Park Lane for purpose of average 31.11.14 241.

RAINFALL at Congleton Burghston Vicarage
 County of Cheshire Observer Col J. A. Sauer Esq. CL
 River Basin Mersey- Weaver 2 Rain Gauge, by

Diameter ...	8										
Height	5 0										
Altitude ...	347										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.35	1.14	3.25	2.87	2.04	4.76	1.65	2.81	1.52	2.92	
February ...	2.81	2.16	.78	1.55	2.28	3.40	4.45	1.13	2.45	.91	
March95	1.87	4.19	4.11	4.30	1.64	1.90	2.06	1.43	4.90	
April	3.70	1.92	.34	3.57	1.18	1.45	3.00	2.39	1.26	1.83	
May	2.22	.97	2.06	2.51	2.43	1.38	2.24	1.83	2.22	1.09	
June.....	1.83	3.51	2.67	2.26	1.41	2.36	2.22	1.96	1.93	2.36	
July	4.77	.53	3.48	1.77	5.44	5.34	1.81	1.04	3.70	2.19	
August.....	4.87	2.63	6.29	2.56	3.85	3.10	3.80	5.03	2.90	3.39	
September ..	.63	2.57	1.65	1.44	1.99	.74	2.27	1.51	3.62	2.68	
October ...	2.41	2.60	2.93	2.26	1.40	1.45	3.20	5.22	1.48	2.35	
November ..	5.33	2.34	2.83	2.29	3.31	2.04	1.98	3.08	2.06	2.27	
December ...	3.46	5.05	8.10	1.69	5.68	5.03	2.67	1.35	5.09	4.67	
TOTALS ...	35.33	27.29	34.57	28.91	35.31	32.69	31.19	29.41	31.66	31.56	

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.5° N	2.28.41						

RAINFALL at Congleton (Buglawton Vicarage) School 27

County of Cheshire

Observer Col. J. A. Sower C.E.

River Basin Mersey - Weaver 2

Weaver Navigation Trust

Snowdon Rain Gauge, by Vicarage old gauge
(126)

Diameter ...	8										
Height	5' 0										
Altitude ...	347						347	352			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.03	3.62	3.22	2.64	2.77	2.84	2.76	2.71	(6.48)		
February ...	2.40	.52	3.08	6.43	1.26	4.89	2.80	1.91	(2.59)		
March	2.86	1.71	1.89	1.43	.84	1.14	1.62	4.00	(1.91)		
April	5.38	1.85	2.39	2.60	2.19	1.94	1.48	2.17	(1.04)		
May	4.11	1.18	.94	3.64	3.96	4.82	4.71	1.37	(.54)		
June	3.38	.63	1.75	.94	2.50	2.20	2.41	5.48	(5.00)		
July	4.50	.93	4.49	3.57	4.09	3.07	3.22	3.07	(1.91)		
August	1.81	4.97	4.78	2.93	5.42	2.65	3.21	4.62	(5.55)		
September...	2.95	.75	3.17	4.04	3.05	4.35	3.99	3.98	(.70)		
October.....	1.80	2.56	.42	3.36	3.34	3.60	2.78	1.84	(4.35)		
November...	.52	1.89	1.52	2.04	1.77	2.35	4.74	3.17	(5.03)		
December...	2.09	3.10	4.66	4.96	2.87	1.99	1.15	0.92	(2.27)		
TOTALS...	35.83	23.71	32.31	38.62	34.06	33.84	34.87	35.24	(37.37)		
	D	D	D	D	D	D	D	D	NE		

1927 Gauge kept by Rev. E.N. Dodd removed in 14th Sept to School-Yard
250 yds away. Height ~~not altered~~ ^{from 347 to 352} now 3' higher. R.C.
1928 Bad up. 10m high originally.

Values shown have been adjusted by Congleton.

Note The ^{old} gauge at the School was abandoned since it was found to read 15% more than a new gauge placed 2yds away. See 740074/2

For continuation see 10 yrs Sheets for Buglawton Vicarage (new gauge) and School (old gauge).

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map _____ Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
55° 5'	2° 28'	Congleton			Buglawton	

RAINFALL at Congleton Buglawton SchoolCounty of Cheshire Observer Weaver Navigation TrusteeRiver Basin Mersey - Weaver - R.

Rain Gauge, by.....

Waddington

Diameter										8	
Height										10	
Altitude										347	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January										2.02	3.93
February83	.24
March56	2.15
April93	2.43
May										2.10	1.45
June										2.01	2.02
July										3.03	6.05
August										4.41	4.29
September										4.77	2.99
October										4.66	5.54
November										6.37	3.33
December										4.87	3.26
TOTALS										3356	3770

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

RAINFALL at Congleton (Bingleyton Vicarage)

County of Cheshire

Observer unaccredited Trustee

River Basin, Tracy - Weaver - 2

Rain Gauge, by

new gauge

Diameter										8	
Height										10	
Altitude										347	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January										2.03	4.07
February										.87	.21
March										.68	2.21
April										.91	2.45
May										2.09	1.48
June										2.00	1.56
July										3.02	5.92
August										4.40	4.29
September										1.77	2.92
October										4.49	5.38
November										6.36	3.40
December										4.98	3.36
TOTALS										33.50	37.25
										D.	D.

Average 30.5

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

RAINFALL at Congleton (Buglawton Sch.) new gauge

County of Cheshire.

Observer Weaver Navigation Trustees,

River Basin Mersey- Weaver -2

Type of Gauge..... M.O.

Annual Average 31.0 in. based on 7 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref. P.B. 574

Diameter	8.									
Height	1.0									
Altitude	347									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940 Means
January	3.17	2.26	1.50	2.33	2.26					
February	3.23	2.22	3.27	1.40	3.32					
March	3.1	1.96	2.44	2.18	1.00					
April	4.24	2.76	1.33	2.14	3.21					
May	2.77	4.97	1.62	1.60	.83					
June	4.80	7.4	4.63	2.81	4.01					
July	4.22	3.22	3.06	1.80	1.55					
August	5.02	2.38	.76	1.99	1.56					
September	3.17	1.92	.73	1.85	5.09					
October	1.23	6.44	4.81	3.44	(5.85)					
November	3.75	2.49	1.32	2.15	4.41					
December	1.56	.98	.36	4.34	3.53	#				
TOTALS	38.47	30.34	25.83	27.03	(36.62)					

1933. School building 20' high 16yds. N.
Palisading 3' high 4' 6" all round.

1935. Station closed 11/35, gauge transferred to Swellisham Hall
Gauge moved 1st January 1936. 2778/2

3772/2

Position of Station on reduced Ordnance Survey Map, | No. of Map
1 mile to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Congleton.	1½m	S.	Buglawton	200yds	w.

RAINFALL at Congleton (Buglawton Vic.) new g.

County of Cheshire.

Observer Weaver Navigation Trustees.

River Basin Mersey - Weaver - 2.

Type of Gauge M.O.

Annual Average, M.O., in. based on 26 years obs. un-weighted. Period of average 1931-1935 Ref. Box No. 740074/27

Diameter	8.										
Height	1.0.										
Altitude	347	307					307				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.05	2.68	1.66	2.33	2.23	3.31	3.45	3.76	4.41	2.14	T
February	3.24	1.19	3.97	3.39	3.39	2.04	4.94	1.02	2.19	2.50	
March	1.5	1.89	2.38	2.45	1.98	2.29	2.29	1.98	1.92	2.33	
April	4.11	2.81	1.22	2.09	3.11	1.18	3.40	1.18	1.74	1.90	
May	2.90	4.59	1.57	1.57	92	1.69	1.88	2.29	1.50	1.63	
June	4.77	7.74	4.04	3.06	4.42	2.38	1.83	2.69	1.81	1.43	
July	4.03	8.83	3.04	1.73	1.36	6.13	3.86	3.67	4.28	3.77	
August	5.03	2.73	71	1.92	2.04	2.44	1.82	3.54	1.76	1.07	
September	3.13	2.12	63	1.86	3.07	3.46	1.11	1.77	1.00	2.86	
October	1.08	6.17	4.68	3.41	5.55	2.89	2.11	3.53	2.64	3.41	
November	4.43	2.42	1.31	2.10	4.71	3.64	1.22	3.49	4.88	6.41	
December	1.69	97	33	4.52	4.33	2.68	2.17	3.74	1.89	2.84	
TOTALS	37.41	30.64	25.51	27.43	38.11	33.13	30.67	30.96	30.02	32.29	
	D	D	D	D	D	D	D	D	D	D	d

1932 Rainfall 8' 5" high 5' 6" above. Apple trees 9' high 12' away at each corner S.S.W.

Three apple trees at other three corners some distance from gauge.
+ Inspected 22/9/38 by Dr Glaspole. Good site.

1940 Jan + July part est.

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
1933.			Congleton	1530yds.	171°	Buglawton	230yds. 64°

Station No. I.F. 2770

RAINFALL at Congleton (Brougham Vic.)

41

County of Cheshire

Observer Weaver Navigation Trustees

River Basin Mersey - Weaver 2

Type of Gauge M.O.

Annual Average 30.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.

File No. 11007427

Diameter	8"										
Height	1' 0"										
Altitude	307'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.52	3.79	4.63								
February	3.25	1.57	1.93								
March	2.22	1.87	.90								
April	1.64	1.40	1.59								
May	2.42	3.84	2.49								
June	1.70	.91	2.55								
July	2.99	4.17	1.68								
August	4.35	1.99	3.03								
September	.41	1.91	3.66	X							
October	4.04	4.08									
November	2.68	.69									
December	1.19	2.92									
TOTALS	27.41 d	29.14 d	imp.								

1.10.48 g. moved 10 m. N.E. to Brougham Hall S/N. 2770/3.

1943 g. in open garden at least 50 yds from any fence or trees

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