

RAINFALL AT *Compton Buglawton Vicarage*

Lat.....

Lon.....

County of *Cheshire*.....Rain Gauge, by..... Observer *Rev. W. Barwick*.....*Wear - 2.*

Diameter.....			.5	.8							
Height.....			1	2	5						
Altitude.....					347						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	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	2.43	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	1.99	
November.....			2.99	2.24	4.18	3.70	4.06	3.62	2.83	1.41	
December.....			4.57	.75	2.54	1.25	4.61	3.32	2.36	2.03	
TOTALS.....				25.12	28.13	30.70	33.87	42.20	35.86	34.41	

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

1873 July 5 in G. replaced by a new 8 in G. 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*

80

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_ County of *Derbyshire*

Rain Gauge, by \_\_\_\_\_

Observer *Rev. W. Benant*

*Wester - 2.*

Diameter ....	8											
Height .....	5.0											
Altitude ....	347 T											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.59	.47	2.31	3.05	2.52	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	4.53	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 ....	37.28	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 Bongleton Buglanton Vicarage

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

Cheshire

Rain Gauge, by \_\_\_\_\_

Observer \_\_\_\_\_

Rev W Besant

weaver - 2.

Diameter ....	8											
Height .....	5 0											
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	
February ....	.54	.23	1.53	2.52	3.44	.25	1.77	2.32	2.33	1.26	1.619	
March .....	2.36	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	2.189	
June .....	3.38	2.17	3.18	2.31	2.26	2.51	3.35	3.18	2.91	2.07	2.732	
July .....	4.13	3.06	2.11	2.80	2.87	4.19	1.46	1.04	.95	2.19	2.480	
August .....	4.61	3.99	3.44	3.17	3.91	2.60	2.85	2.96	4.92	1.50	3.395	
September....	.92	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	
December ....	.48	4.51	2.29	3.11	2.70	2.58	3.84	3.08	3.23	2.91	2.873	
TOTALS ....	30.92	33.78	30.29	25.25	28.76	26.59	30.76	27.69	27.88	26.36	28.828	

1890 Buglanton Church 300 yards NE

1893 apple tree 3 ft high 6 ft E + W

1890-



# RAINFALL AT Congleton Buglawton Vicarage.

Lat. ....

Lon. ....

County of Cheshire

Rain Gauge, by Casatielli

Observer Rev. W. Besant

weaver - 2.

J. A. Lamer & Co. 1905

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
March ....	.93	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	2.34	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	3.43	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	6.51	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	1.33	1.85	.37	3.35	(1.71)	2.69	5.29	2.722
TOTALS ..	34.64	28.58	27.64	36.29	22.74	26.30	33.72	(30.78)	27.91	35.74	30.434

1900 Buglawton Church 300 yards N E

1905 Congleton Station

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

1907 now 1200 ft. from Congleton Park Lane for purpose of average 2111.114 341.

## RAINFALL at

Longleton, Gloucestershire

County of Cheshire

Observer

Col. J. A. Baker Esq. C.E.

River Basin Murray Weare 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		
March .....	.95	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	1.44	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	5.62	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	3.10	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		
	2	2	2	2	2	2	2	2	2	2		

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.5 N	2.28 W						



# RAINFALL at Congleton (Buglawton Vicarage) <sup>School 27</sup>

County of CheshireObserver Cole J. A. Jones C.E.Weaver Navigation TrustRiver Basin Mersey-Weaver 2Snowdon 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	(6.46)		
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	(.57)		
June .....	3.38	.63	1.75	.96	2.50	.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)		

1927 Gauge kept by Rev. E.N. Dodd removed on 14th Sept to School-yard 250 yds away. Height ~~not~~ altered <sup>from 347 to 352</sup> ~~then~~ <sup>now</sup> E. Kitchen B.R.

1928 Bad up. 10 in. high originally. Values shown have been adjusted by Congleton.

Note The <sup>old</sup> gauge at the School was abandoned since it was found to read 15% more than a new gauge placed 2 yds away. See 740074/27

For continuation record see 10 yds sheets for Buglawton Vicarage (new gauge) and School (new 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	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	53° 5'	2° 28'	Congleton			Buglawton		

RAINFALL at Gongleton Baglaunt SchoolCounty of CheshireObserver Waver Navigation TrustRiver Basin Irwell-Severn-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 .....										2.02	3.93	
February .....										.83	.24	
March .....										.86	2.15	
April .....										.93	2.45	
May .....										2.10	1.45	
June .....										2.01	2.02	
July .....										3.03	6.05	
August .....										4.41	4.29	
September .....										5.77	2.99	
October .....										4.66	5.54	
November .....										6.37	3.33	
December .....										4.87	3.26	
TOTALS .....										33.56	37.70	

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 Bongleton (Bongleton Vicarage)County of CheshireObserver weaver navigation TrusteeRiver Basin Irving - Weaver - 2Rain Gauge, by W. J. Gough

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										.58	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 2.	37.25 2.	

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 g.

County of CheshireObserver Weaver Navigation Trustees,River Basin Mersey - Weaver - 2Type of Gauge M.O.Annual Average 31.0 in. based on 7 years obs. ~~yr~~-weighted. Period of average 1881-1915 Ref. P.B. 5747.0074/27.

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	.22	3.27	.40	3.32						
March	.31	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	.74	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 D	30.24 D	25.83 D	27.03 D	56.62 D						

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

1935. Station closed 11/35, gauge transferred to Swettenham Hall  
 Gauge moved 1<sup>st</sup> January 1936. 2772/2

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
			Congleton.	1 1/2 m	S.	Buglawton	200 yds	N.

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

## RAINFALL at Congleton (Baglawton Vic.) new g.

County of CheshireObserver Weaver Navigation Trustees,River Basin Mersey - Weaver - 2Type of Gauge M.O.Annual Average 30.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref Bain

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		
February	3.24	1.9	3.97	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	2.23		
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	1.92	1.69	1.88	2.29	1.50	1.63		
June	4.77	7.4	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	3.85	3.67	4.28	3.77		
August	5.03	2.73	7.1	1.92	2.04	2.44	1.82	3.54	1.76	1.07		
September	3.13	2.12	1.63	1.86	5.07	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	3.83	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	1.49	1.97	3.3	4.52	4.33	2.68	2.77	3.74	1.89	2.84		
TOTALS	37.41	30.64	25.54	27.43	38.11	33.13	30.67	30.96	30.02	32.29		
	D	D	D.	D.	D	D	D	D	D	D.		

1932 Railing 3' 2" high 5' 6" above. Apple trees 9' high 12' away at each corner S.E.W.

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

1940 Jan + July part est.

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

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

Station No. T.F. 2770RAINFALL at Longton (Binghamton Vic.)

41

County of CheshireObserver Deane Navigation TrusteesRiver Basin Murray-Warner 2Type 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. 740074/27

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	.40	.91	2.55								
July	2.99	4.17	1.68								
August	4.35	1.99	3.03								
September	.41	1.31	3.66								
October	4.04	4.08									
November	2.68	.69									
December	1.19	2.92									
TOTALS	27.41 d	29.14 d	imp.								

1.10.43 g. moved 15 mi. NE. to Binghamton 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, 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.

BRITISH RAINFALL ORGANIZATION