

Brushes
(in Longdenole District)

E. 40
117

480 ft + Sea Level

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -						-	3.8	1.7	2.0	5.3	
February - -						-	2.0	4.4	8.0	1.5	
March - - -						-	2.1	1.7	4.7	.6	
April - - -						2.5	5.9	4.0	1.5	1.4	
May - - - -						2.8	1.4	6.8	1.2	3.0	
June - - - -						4.3	4.0	3.5	5.3	1.8	
July - - - -						4.2	10.0	1.6	4.2	7.5	
August - - -						8.3		3.2	5.8	4.2	
September -						3.3		6.5	4.2	4.8	
October - -						4.9	5.3	3.5	5.8	4.1	
November -						3.4	2.4	3.8	2.6	4.7	
December -						10.3	2.1	5.9	3.6	3.8	
TOTALS -							39.0	46.6	48.9	42.7	

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5-7 Mon Mon 7-61

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153

Chickadee.

400 for 52

Upper mesage - 1.

YEAR - -	1850	1851									MEANS.
January - -	2.9	2.9									
February - -	3.4	2.1									
March - - -	.6	3.6									
April - - -	2.4	.4									
May - - - -	1.5	1.5									
June - - - -	1.5	5.8									
July - - - -	3.7	3.7									
August - - -	4.0	4.1									
September -	1.5	1.8									
October - -	3.6	3.6									
November -	4.3	1.6									
December -	2.4	1.5									
TOTALS -	31.8	32.6									

c c

0-1 March 7-60

RAINFALL at Stalybridge Brumby Filter HouseCounty of CheshireObserver F. J. Dixon Esq. C.E.River Basin Upper MerseyG. H. Radcliff Esq. C.E.Rain Gauge, by N. 43

Diameter ...				8								
Height				10						16		
Altitude ...				615 ft								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals.
January ...				3.58	3.83	6.19	3.72	3.52	2.63	4.88		16.19
February ...				1.54	2.41	4.10	5.42	.80	5.74	1.18		14.75
March				4.29	5.77	1.90	2.44	1.76	1.54	6.41		12.15
April				4.60	1.58	1.63	2.76	2.07	1.76	2.70		9.29
May				3.02	2.52	1.83	3.04	3.80	2.82	2.08		11.74
June				2.72	3.94	2.90	6.08	1.94	1.94	2.10		11.06
July				1.35	4.35	5.24	2.31	2.29	4.87	2.42		11.99
August				2.31	3.49	5.37	2.82	6.19	3.94	3.38		16.30
September ..				2.19	2.66	.96	2.82	2.81	10.08	2.14		17.82
October ...				2.11	2.73	1.79	5.51	6.01	3.39	3.08		17.96
November ..				3.93	4.21	3.17	3.08	4.15	1.88	3.86		12.67
December...				3.23	5.91	6.50	3.38	2.36	8.25	6.58		20.57
TOTALS ...				34.87	43.40	41.58	42.39	37.80	48.81	40.45		167.45

H. B. Values reported when Rainfall Survey
Map prepared in 1928 Nov.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
5329.16	2.0.40 W		Stalybridge L.N.W.	5700 yds 3700 yds 1540 yds 1918	N 43 E	St James 1550 yds	1550 yds	N 43 E

RAINFALL at Stalybridge Brakes Filter HouseCounty of CheshireObserver F. J. Dixon Esq. C.E.River Basin Upper Mersey 1G. H. Radding Esq. C.E.

Hyetograph

Rain Gauge, by N+3

Diameter ...					6						
Height					30						
Altitude ...					615						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...					3.10	5.88	3.53	3.29	2.41	4.30	
February ...					2.21	3.79	5.81	.69	5.36	1.08	
March					5.09	1.63	2.44	1.54	1.38	6.04	
April					1.48	1.50	2.60	1.54	1.64	2.62	
May					2.38	1.75	2.91	3.65	2.72	1.99	
June					3.79	2.80	4.83	1.84	1.83	2.03	
July					4.22	4.99	2.16	2.33	4.72	2.31	
August					3.39	5.15	2.62	5.93	3.87	3.26	
September ..					2.58	.91	2.72	2.74	9.75	2.05	
October ...					2.61	1.78	5.42	5.78	5.25	2.89	
November ..					4.00	3.12	3.04	3.96	1.73	3.38	
December...					5.55	6.16	3.07	1.96	7.90	6.31	
TOTALS ...					40.40	39.46	40.35	35.25	46.56	38.26	

N.B. Records rejected from Survey, 1928.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.29.16	2.0.40	Stalybridge	37 ⁰⁰ 57 ⁰⁰ 7/8 277 ⁰⁰ 1/8	W 6.5	St James's Methodist	1530 7/8	N 65 W

RAINFALL at *Stalybridge Brushers Fitter's House*County of *Cheshire*Observer *G. H. Piddin Esq. C.E.*River Basin *Upper Mersey 1**Orkton - Widen - Lyle, Water Engineer**Snowdon* Rain Gauge, by *H. E. G.**H. T. B. Whitson C.E.*

Diameter ...	3		5		8		5					
Height	1.6						1.6					
Altitude ...	616						616					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	5.14	6.55	3.14	3.72	3.21	2.90	3.53	4.20	9.68	1.68	5.19	48.94
February ...	4.27	4.1	5.21	4.73	1.08	6.09	3.32	1.59	5.13	.98	.52	33.33
March	2.67	3.10	2.64	1.86	1.40	1.82	1.63	4.91	1.78	1.30	2.07	25.68
April	4.85	1.94	3.26	3.19	1.91	2.27	2.13	2.97	1.11	1.77	2.91	29.31
May	6.78	2.25	1.56	3.90	5.78	4.38	4.95	1.25	1.00	2.98	1.99	36.82
June	3.33	.40	3.05	1.20	2.80	.05	3.57	5.24	7.21	1.47	2.65	31.97
July	7.84	1.72	5.11	5.48	4.24	2.23	2.42	4.89	2.18	3.34	7.25	46.70
August	2.94	5.39	5.55	4.60	6.07	3.70	4.99	5.87	6.10	5.53	5.40	56.14
September...	2.73	1.10	4.19	4.37	3.53	4.03	3.33	6.68	0.94	1.89	4.32	37.11
October	1.19	2.74	1.04	4.63	6.03	5.20	3.88	3.52	4.03	5.32	5.89	43.17
November...	1.44	2.14	3.07	6.35	2.02	3.50	4.15	4.14	6.22	8.45	4.87	46.35
December...	2.94	5.84	4.55	3.88	3.95	3.32	1.99	0.86	2.96	6.88	2.76	39.93
TOTALS...	46.12	33.58	42.37	47.91	42.02	39.49	39.89	47.12	48.34	41.59	47.02	475.45

open situation

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	Parish Church.	Distance from gauge	Direction
1920	53° 29' 16"	2° 0' 40"	Stalybridge	5150 yds	W by N	St. James	1500 yds	NW by N

RAINFALL at Stalybridge Branches Filler HouseCounty of CheshireObserver F. H. Redding Esq. C.E.River Basin Upper Mersey(1924 W. Shotton, Manager, Filler House)Hydrograph Rain Gauge, by N.B.G.1929 M.T.B. Whitson Esq.

Diameter ...	6										
Height	3	0									
Altitude ...	615										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...	4.75	6.28	2.96	3.58	3.10	2.77	3.41	4.11	9.57	1.66	5.11
February ...	4.20	3.9	5.05	4.62	9.6	5.98	3.21	1.56	5.02	.95	.51
March	2.53	2.97	2.60	1.93	1.32	1.80	1.56	4.84	1.70	1.25	2.54
April	4.65	1.86	3.19	3.16	1.84	2.23	2.07	3.93	1.10	1.73	2.88
May	6.56	2.16	1.50	3.80	5.68	4.30	4.88	1.21	0.99	2.96	1.99
June	3.22	.38	3.01	1.17	2.74	.05	3.54	5.20	7.15	1.46	3.56
July	7.79	1.63	5.02	5.41	4.18	2.20	2.38	4.82	2.15	3.31	7.11
August	2.89	5.22	5.47	4.53	5.95	3.66	4.95	5.83	5.99	6.40	5.24
September...	2.68	1.06	4.15	4.32	3.45	4.01	3.25	6.63	0.90	1.86	4.19
October	1.14	2.68	1.01	4.54	5.97	5.17	3.83	3.45	3.96	5.24	5.38
November...	1.39	2.04	2.96	6.16	1.91	3.47	4.11	4.08	6.02	8.27	4.73
December...	2.84	5.71	4.56	3.73	3.84	3.25	1.94	0.85	2.63	6.81	2.68
TOTALS...	44.64	32.38	41.48	46.95	40.94	38.89	39.13	46.51	47.38	40.90	45.92
	D	D	D	D	D	D	D	D	D	D	D

Open ditch
 1923. Not printed. Recorder.
 1924. Not printed. Rain gauge.
 1925. " " Recorder.
 1926. " " Recorder.
 1927. " " Recorder.
 1928. " " Recorder.
 1929. " " Recorder.
 1930. " " Recorder.

1930.

N.B. Values rejected from Survey, 1928.

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	Parish Chureh.	Distance from gauge	Direction
1920	53°29'16"	2°0'20"	Stalybridge	2700	1/2 W by S	St. James	1550	1/2 N W by S

RAINFALL at Stalybridge (Brushes Filter Ho.)County of CheshireObserver M.T.B. Whitson, Esq., C.E.River Basin Mersey Upper I.

Type of Gauge.....

Annual Average 32.2 in. based on 23 years obs. unweighted. Period of average 1881 - 1915 Ref 5

705468/26.

Diameter	5.										8"	
Height	1.6.											
Altitude	616.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.86	4.45	2.65	2.83	2.72	3.75	4.02	4.70	5.45	2.06		705468/26
February	5.40	4.1	5.32	3.2	5.23	3.28	6.14	1.71	4.14	2.73		38.49
March	2.88	2.71	2.99	3.30	2.35	2.42	2.51	1.43	2.66	3.36		34.68
April	4.63	4.11	2.31	2.27	3.29	1.51	3.47	5.6	2.31	3.47		24.11
May	2.43	4.83	1.85	2.86	8.4	7.4	2.41	3.91	2.53	1.81		27.93
June	6.53	6.0	2.75	2.05	4.20	3.20	2.18	4.57	3.10	9.0		24.21
July	4.51	7.77	4.55	4.91	2.07	4.51	3.46	4.84	7.89	5.76		30.68
August	6.53	1.46	1.51	3.09	1.92	2.94	1.86	3.69	2.26	2.35		50.26
September	4.69	4.76	1.53	3.37	6.52	6.63	1.87	1.97	1.44	4.16		27.61
October	2.13	8.03	5.12	5.65	7.19	4.69	1.85	8.33	2.44	3.61		36.94
November	5.91	3.38	1.83	2.32	4.76	5.04	1.64	4.75	7.01	7.23		42.94
December	1.83	1.90	6.9	4.98	3.76	3.76	3.39	4.50	4.34	4.96		43.87
TOTALS	50.83	44.41	33.10	37.95	44.85	42.37	34.79	44.96	45.57	102.40		34.11
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		421.23

Open Site

1934. Inspected Sept. Rec. g be lowered to 1 ft & surrounded by tarp wall

1940 diameter of gauge 8". see encl 151A f. 705468/26

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			Stalybridge	3m	W/N	St James' Millbrook	Buoyde	NW/N

Station No. TF. 2752RAINFALL at Stalybridge (Brushes Filter House)

41

County of CheshireObserver M. L. B. Whitson Esq. C.E.River Basin Mersey Upper-1

Type of Gauge

Annual Average 39.2 in. based on 13 years obs. unweighted. Period of average 1881-1915 Ref SFile No. 205468/26

Diameter	8"			559	769							
Height	1'6"				1							
Altitude	616'				41	415'					616'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.39	4.03	5.13	6.18	4.98	5.10	3.27	9.25	2.59	3.30		Totals 46.22
February	5.53	1.68	2.90	3.42	4.95	6.97	1.47	2.56	2.12	5.43		37.03
March	4.95	2.13	1.61	1.07	1.57	1.39	5.64	1.29	1.99	2.24		23.88
April	2.91	1.91	2.61	3.42	2.55	1.83	3.13	1.57	4.49	3.97		28.69
May	2.42	3.74	2.36	4.72	3.76	1.39	3.54	1.42	3.10	1.62		28.07
June	2.59	1.26	3.71	3.42	5.31	3.79	2.91	5.12	1.19	3.27		32.67
July	2.74	5.15	2.59	4.12	2.06	7.29	3.56	2.38	2.43	3.98		36.30
August	6.04	4.93	6.92	4.02	3.19	4.90	.53	5.50	3.63	4.96		44.68
September	.70	2.82	5.29	5.67	3.14	6.14	2.50	2.74	1.18	6.50		36.68
October	5.54	6.73	3.07	4.17	6.31	.69	.88	3.09	3.60	2.54		36.62
November	3.04	1.08	3.83	7.71	.60	7.04	5.70	2.50	6.48	6.91		44.89
December	2.83	3.52	2.23	3.55	2.74	4.34	4.64	3.15	7.05	3.48		37.53
TOTALS	41.68 D	39.04 D	42.25 D	51.47 D	41.16 D	50.87 D	37.77 D	40.57 D	40.15 D	48.30 D		433.26 446

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

RAINFALL at *Stalybridge (Brushes & Litter House)* Station No. *2752*

51

County of *Cheshire* Observer *M. J. B. Whitson Esq. C.E.*River Basin *Mersey - Upper -*Type of Gauge *MK (A) (see spec. on)*Annual Average *39.2* in. based on *13* years obs. un-weighted. Period of average *1881-1915* Ref. *S.*
42.8 " " *35* " " *1916-1950* *1916-1950* File No. *7054/26 622801/3*

Diameter ...	8"		559	769								
Height ...	1' 6"			1	11"							
Altitude ...	616'	615'		51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals	
January ...	5.03	4.95	2.30	4.59	3.36	5.35	3.27	4.03	3.95	6.22	43.05	
February ...	3.52	1.54	3.50	3.01	1.95	1.61	2.85	5.96	.49	3.32	27.75	
March ...	5.14	2.94	2.67	2.89	2.36	1.35	3.91	2.45	2.04	0.95	26.69	
April ...	3.00	4.60	2.60	1.05	2.31	3.25	.66	1.29	3.18	2.38	24.38	
May ...	1.94	2.70	2.56	3.89	4.00	1.42	1.25	3.25	1.00	1.94	23.95	
June ...	1.60	3.30	4.53	3.72	2.87	3.36	2.40	5.28	2.98	2.03	32.07	
July ...	4.31	4.24	7.24	7.43	1.34	6.67	5.01	5.45	3.91	7.62	59.22	
August ...	5.90	3.20	5.49	7.31	.74	11.01	5.75	4.26	.43	6.25	50.34	
September ...	3.04	4.45	2.81	5.23	2.23	2.96	8.07	4.49	.27	3.44	37.49	
October ...	1.15	4.79	2.27	8.09	2.46	3.22	5.11	3.90	3.48	4.50	38.97	
November ...	7.62	3.29	4.13	5.89	1.88	1.96	2.41	1.65	4.79	5.78	39.40	
December ...	6.58	4.28	1.91	6.72	5.37	5.24	4.94	3.46	5.78	4.27	48.55	
TOTALS ...	83 48.84 D	44.28 D	42.07 D	59.82 D	30.86 D	47.40 D	45.63 D	45.97 D	32.30 D	48.70 D	445.86	

Inspected 9.9.55 Mr. Deeks. Gauge located at station point. Measurement of pond. S.E. satisfactory.
gauge OK at SW. Recommended new gauge, rebuilding of well & levelling of gauge.

the recommendations made at 271A.
8 Twp wall not added BR 1955. add if rebuilt. No information in file regarding any other
Position of Station on Ordnance One-Inch map: No. of Map *6.1* National Grid Reference *13/447492*

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

Summary of Earlier Records from 10-year Sheets:

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	4913	✓	✓	✓	
	✓	✓	✓	✓	