

# RAINFALL AT Greenfield, Chew Mount

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Jacks. W. R.

<u>Mersey Upper 4</u>		Rain Gauge, by _____		Observer _____							
Diameter ....											
Height .....											
Altitude ....					1600						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....											
February ....											
March .....											
April .....											
May .....											
June .....											
July .....											
August .....											
September....											
October .....											
November ....											
December ....											
TOTALS ...				54.60	48.10	50.90	55.30	32.70	51.30	45.20	

1883 from P.J. (H. G. Radwin) read XI.20 end XI.22 (G.H. Hill)

'84-'90 (totals) Entered from P. J. 29. XI. 1913

\* { 1886 56.30 } given by P.T. (H. G. Radwin) read XI.20 end XI.22  
 \* { 1889 48.30 }

# RAINFALL AT Greenfield Chew Mount

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

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

County of York

WR

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

Observer G. H. Hill Esq. C.E.

Mersey - Upper #

Diameter ....	...					7					
Height .....	...					7					
Altitude ....	<u>1600</u>	...									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....		4.20	4.60	2.30	3.40		2.70	1.50	4.60	7.10	
February .....		.70	3.10	6.50	7.70	9.00	3.30	4.50	4.30	1.40	
March .....		2.40	1.20	1.20	3.60		6.70	4.40	2.70	2.90	
April .....		2.90	2.00	.80	3.10	3.10	2.20	4.60	3.50	5.00	
May .....		3.70	4.90	3.30	3.40	.80	1.10	2.20	4.90	3.80	
June .....		2.70	4.50	3.50	5.60	3.10	4.10	4.80	4.40	2.50	
July .....		3.40	4.10	4.70	4.60	10.60	3.20	3.10	1.40	2.80	
August .....		10.90	6.10	4.40	6.90	5.80	4.10	4.60	8.90	3.70	
September .....		6.00	6.20	5.40	.70	2.00	8.90	6.20	1.10	8.60	
October .....		7.10	10.50	4.10	7.90	5.20	8.60	2.70	7.50	4.60	
November .....		5.60	4.40	5.40	3.50	3.80	2.20	6.40	3.70	2.10	
December .....		8.50	3.80	4.90	5.60	6.00	7.30	5.30	6.60	3.40	
TOTALS ....	49.90	58.10	55.40	46.50	56.00	49.40	54.40	50.30	53.60	47.90	

'84-'90 (totals) from P. Y. 29. XI. 1913

RAINFALL AT *Greenfield, Chew Mount*

Lat. ....

Lon. ....

County of *York W.R. Central*

Old flat

Rain Gauge, by

Observer

*G. H. Hill Esq. C.E.**Snider**Mersey**Upper 4**F. J. Dixon Esq. C.E.*

Diameter ..	7										
Height ....	0 7								1.0		
Altitude ..	...								1600		
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.60	1.10	3.90	4.80	4.80	3.90	5.50	2.70	4.70	2.90	3.990
February ..	(3.60)	4.10	1.20	5.50	5.00	3.10	4.00	3.60	3.80	3.60	3.750
March ....	(4.40)	3.20	2.90	5.50	4.40	6.00	4.20	4.00	4.40	4.50	3.990
April .....	4.10	3.00	.80	3.40	3.10	4.90	2.30	4.40	3.90	4.20	3.410
May .....	1.50	1.90	3.40	4.50	4.00	1.00	4.70	4.60	2.80	3.00	3.240
June .....	4.80	2.90	1.70	2.90	2.10	3.60	2.10	6.00	2.70	4.20	3.300
July .....	5.70	3.90	3.80	4.80	2.60	4.20	4.30	4.80	7.20	9.40	5.070
August ....	7.20	3.40	5.20	7.40	5.60	5.60	4.90	5.80	4.50	4.90	5.450
September ..	2.40	.70	2.60	6.90	2.50	4.70	2.70	1.30	4.00	2.80	3.060
October ....	6.80	5.10	7.90	11.20	3.20	5.20	7.10	9.10	1.90	9.00	6.650
November ..	4.20	7.20	2.30	5.80	5.20	6.20	5.90	3.80	3.40	2.40	4.640
December ..	7.10	6.60	4.30	2.10	3.80	1.60	6.00	4.80	3.90	9.20	4.940
TOTALS ..	53.80	43.10	40.00	64.80	46.30	50.00	53.70	54.90	48.20	60.10	51.400

1908 *Greenfield Church* 4 miles W*Friesland Station*

No object near

1909 *Garth Church* 2 3/4 mile E.S.E*Greenfield Station* 3 E.S.E

H. H.



RAINFALL at Greenfield ChewmuntCounty of W. Yorksh.Observer F. J. Dixon Esq. C.E.River Basin Upper Mersey &G. H. Radden Esq. C.E.Snarden Rain Gauge, by N+3  
Howard Wilson  
Gazette 1912

Diameter ...	5										
Height .....	10										
Altitude ...	1600				1621		1578				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.70	1.68	3.59	4.50	4.45	6.76	5.45	10.25	3.54	6.41	
February ...	6.05	5.84	1.80	1.69	2.08	3.74	7.05	2.87	8.06	1.72	
March .....	.80	3.04	5.95	4.97	6.45	2.10	4.95	2.92	2.36	6.91	
April .....	4.99	3.31	1.35	4.65	1.30	1.95	4.04	2.18	2.26	2.94	
May .....	4.11	2.48	3.77	4.38	3.38	2.09	4.59	2.65	3.62	2.52	
June .....	4.79	5.15	5.50	3.95	5.71	1.85	4.55	2.26	2.49	2.95	
July .....	7.10	.39	6.16	1.99	4.96	6.34	3.43	2.94	6.62	3.98	
August .....	7.66	4.67	9.65	3.01	5.14	6.04	3.01	8.20	4.76	5.50	
September ..	.48	4.76	2.96	2.92	3.16	.90	4.50	3.75	14.17	3.45	
October ...	4.33	3.56	6.17	3.60	4.29	2.81	7.90	8.09	5.39	6.99	
November ..	4.04	5.42	4.82	4.68	5.58	1.87	4.37	7.45	2.34	5.26	
December ...	5.31	5.56	5.96	3.35	6.24	7.86	4.29	3.34	10.62	8.04	
TOTALS ...	56.36	45.86	57.68	43.69	52.74	44.31	58.13	56.90	66.22	56.07	

1910 Feb 23 New Gauge 5" every week & end of month  
1912 for open moor

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53.31.15	56.43	46	Freeland Enway	2.68	W N W	St. Mary's Freeland	2.68	W N W

RAINFALL at Greenfield Chew MountCounty of N. YorksObserver F. H. Padden Esq. C.E.River Basin Upper Mersey &Ashton under Lyne 650.Shawdon Rain Gauge, by N. Yorks(1929) by J. B. Whiston Esq. C.E.

Diameter ...	5"										
Height .....	10										
Altitude ...	1578										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 <del>Mean</del>
January ...	6.08	9.52	3.86	5.63	3.85	4.79	4.35	4.96	1202	1.74	6.36
February ...	5.64	.77	7.02	5.73	2.29	7.52	5.09	1.83	6.39	1.11	1.21
March .....	3.83	4.29	3.57	2.45	1.73	2.67	2.86	5.73	1.92	1.59	2.95
April .....	7.28	2.30	4.45	4.23	2.26	3.71	3.50	6.60	1.50	2.04	5.05
May .....	7.07	2.97	1.68	6.38	7.18	4.88	5.47	1.83	2.38	3.57	2.93
June .....	4.03	.73	4.61	2.01	3.48	.19	4.37	5.74	7.96	2.03	5.22
July .....	10.74	2.57	7.04	5.38	4.88	3.29	3.63	5.75	2.84	3.63	11.87
August .....	4.26	7.45	8.76	5.80	9.17	4.67	7.56	7.50	6.84	7.70	6.48
September...	3.27	1.52	5.98	5.56	5.46	5.07	4.75	8.58	0.85	2.56	5.83
October .....	1.49	3.10	1.92	5.63	7.07	6.60	4.26	5.36	5.44	6.13	7.56
November...	2.07	2.55	3.94	7.99	3.45	3.52	5.38	5.66	8.18	9.27	6.48
December...	4.39	7.72	4.49	4.31	5.44	4.73	4.15	1.27	3.34	7.11	3.31
TOTALS...	60.15	45.49	57.32	64.10	56.26	51.64	55.37	60.81	59.66	48.48	65.25
	D	D	D	D	D	D	D	D	D	D	D

g. on 1st Nov.

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° 31' 15"	1° 56' 43"	Trigland	2.1680	WNW	St. Mary's Greenfield	2.670	WNW

## RAINFALL at Greenfield (Chew Mount)

County of West RidingObserver M.T.B. Whitson, Esq., C.E.River Basin Mersey Upper-4.

Type of Gauge.....

Annual Average 50.7 in. based on 47 years obs. un-weighted. Period of average 1881-1915 Ref. 5

705468/26

Diameter	5.										
Height	1.0.										
Altitude	<u>1578</u>										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.69	5.83	2.94	3.52	2.91	3.64	4.85	5.49	5.72	2.45	4.504
February	6.23	.75	5.11	.47	6.18	2.90	9.85	2.35	4.58	4.17	4.2.59
March	.46	3.27	3.48	3.43	2.87	3.16	6.15	2.03	3.24	4.92	33.01
April	6.50	4.31	2.28	3.44	3.38	2.19	4.16	.67	3.35	3.31	34.19
May	3.32	7.12	1.81	3.11	.79	2.13	3.58	4.54	3.64	1.02	31.06
June	7.26	.57	3.88	2.45	4.77	4.85	2.98	6.20	5.88	1.23	40.14
July	5.77	6.91	4.54	4.53	2.84	5.92	4.32	6.11	9.12	6.08	56.14
August	8.75	2.16	1.69	4.75	2.56	4.57	1.58	3.83	2.70	3.33	36.12
September	8.12	6.37	2.72	4.30	7.92	8.08	2.56	2.62	2.17	5.70	50.56
October	3.18	8.91	6.07	6.12	10.57	6.16	3.12	10.60	3.79	5.27	63.79
November	6.46	4.35	2.55	3.99	6.50	6.46	2.71	5.55	8.74	9.38	54.19
December	2.61	2.26	0.96	5.93	3.53	5.03	4.02	4.81	4.99	6.52	40.66
TOTALS	66.45	53.41	38.03	46.04	54.82	55.59	49.88	54.80	58.09	53.38	530.49
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1932. Open Moors.

1934 Inspected Sept. re. moving site 20 yds N. &amp; 10ft higher.

1935. Open moor.

\* Height above M.S.L. corrected from maps. Names had been interchanged on 1 inch map

The height above M.S.L. of this station is 1578 ft. S.M.B. 9.5.35.

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			Friedland	2m 1650 yds	WNW	St. Mary's Greenfield	2m 570 yds	



Station No. 3094

RAINFALL at Greenfield (Ches Mount)

41

County of West Riding Observer A.T.B. Wilson, Esq. C.E.

River Basin Mersey Upper 4

Type of Gauge

Annual Average 52.7 in. based on 47 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 705.14.8126

Diameter	5			559	654						
Height	10				1						
Altitude	1578				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	4.08	4.41	6.78	9.53	4.90	6.70	3.71	11.79	4.02	4.68	60.57
February	4.33	2.01	4.22	3.91	7.01	7.95	1.94	4.16	3.00	6.70	49.23
March	6.59	4.33	2.71	1.33	2.22	2.65	7.95	1.96	2.60	2.62	35.96
April	3.99	2.18	3.61	4.13	3.31	3.81	4.15	2.30	5.69	6.32	38.55
May	3.54	4.00	3.09	7.03	3.93	3.27	3.74	2.17	3.57	2.83	37.20
June	2.23	1.62	6.21	4.63	7.07	4.93	3.41	6.32	1.37	3.74	41.59
July	4.24	6.75	3.63	5.26	2.21	8.79	3.70	3.23	4.14	6.33	47.28
August	7.38	6.67	9.25	5.63	5.46	6.37	.41	7.18	4.28	6.28	58.88
September	1.03	3.95	6.21	7.47	4.11	8.74	3.12	4.17	2.25	9.30	50.35
October	7.16	7.53	3.80	5.40	6.84	1.85	1.87	4.16	4.60	3.22	46.43
November	3.66	1.63	5.60	9.96	1.37	10.68	7.86	3.67	9.26	8.62	62.31
December	3.48	5.14	3.77	4.62	3.54	5.00	6.68	4.22	9.39	4.53	50.37
TOTALS	68.74	50.22	58.88	63.02	51.97	70.74	48.54	55.33	54.17	64.11	518.72

1946 np. high.

As does not get present record

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

Station No. 3947 41  
 RAINFALL at Greenfield (Chew Mount) check gauge  
 County of West Riding Observer M.T.B. Writson Esq. C.F.  
 River Basin Messing Upper  
 Type of Gauge

Annual Average  in. based on  years obs. un-weighted. Period of average  Ref.

File No. 705468/26

Diameter ....						8"					
Height ....						1'0"					
Altitude ....						1578'					
Year ....	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January ....											
February ....											
March ....											
April ....											
May ....											
June ....											
July ....						8.44					
August ....						6.04					
September ....						8.22					
October ....						1.70					
November ....						10.02					
December ....						4.43					
TOTALS ....						inc. D	N.P.				

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 Greenfield (Chew Mount) Station No. 3094 51  
 County of West Riding - York Observer M. J. B. Whitson Esq. C.F.  
 River Basin Messy - Upper - H  
 Type of Gauge Mk II (on inspection)

Annual Average 55.7 in. based on 47 years obs. un-weighted. Period of average 1881-1915 Ref. S  
60.30 " " " " 1948-51 " " " " 1916-50  
 File No. 705168/26022901/55

Diameter ...	5"			559	654							
Height ...	1'0"				1							
Altitude ...	1578'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- Total	
January ...	7.50	7.14	3.45	5.71	4.88	6.47	4.77	5.21	4.81	7.18	57.12	
February ...	5.27	2.42	4.41	4.54	2.99	2.57	4.25	7.92	.83	3.14	38.34	
March ...	7.06	3.77	3.05	3.65	3.59	1.88	5.68	3.59	2.79	1.72	36.78	
April ...	3.59	4.80	4.24	1.75	3.18	4.30	1.04	2.19	4.65	3.48	33.22	
May ...	4.28	2.83	3.10	4.48	5.29	2.18	1.68	4.91	2.02	2.60	33.37	
June ...	1.87	3.98	4.93	5.24	4.61	4.83	3.10	7.09	2.89	2.56	41.10	
July ...	4.82	4.40	10.24	8.95	2.01	9.18	7.03	6.76	4.68	12.21	70.28	
August ...	8.54	4.39	6.96	8.62	.88	14.89	8.72	7.27	.59	7.87	68.73	
September ...	4.05	6.21	3.98	7.53	3.35	6.07	10.13	6.53	.45	4.96	59.26	
October ...	1.31	5.85	2.76	11.14	3.41	4.20	7.73	5.28	4.84	8.99	55.51	
November ...	10.75	4.48	5.35	7.67	2.51	2.78	3.78	2.04	5.90	7.51	52.77	
December ...	8.35	5.37	2.94	9.28	6.93	6.55	7.24	5.11	7.11	5.85	64.73	
TOTALS ...	67.39 D	55.64 D	55.41 D	78.56 D	43.63 D	65.90 D	65.15 D	63.90 D	41.56 D	68.07 D	605.21	

Inspected Mr Deales 9.9.55. Gauge sound, non-mercurian, mercurantified flat-bottomed  
 etc satisfactory, but gauge tilted south. Recommended new mercurian, note to make  
 horizontal.

§ Turf wall

Position of Station on Ordnance One-Inch map : No. of Map 62 National Grid Reference SE 685520

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 <u>55</u>	1920-30 <u>85</u>	1931-40 <u>85</u>	1941-50 <u>85</u>	1951-60
	✓ /out-10-12	✓	✓	✓ no +6	