

3095. 10

RAINFALL at Greenfield Chew Reservoir East Side

County of W.R. Yorkshire

Observer

F. J. Discovery Ch

River Basin Upper Mersey

G. H. Radcliffe Ch.

Snowdon Rain Gauge, by No. 3.

Diameter ...						5					
Height						10					
Altitude ...						1650					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	<u>MEANS 1910-19 10 days</u>
January ...						7.22	5.73	2.57	2.94	5.42	16.66
February ...						3.92	5.56	1.28	8.40	1.50	16.74
March						2.25	5.25	2.26	2.29	5.65	15.45
April						2.02	4.04	1.46	1.90	3.05	10.49
May						2.15	3.86	2.42	3.87	2.67	12.82
June						1.93	4.64	2.36	2.72	2.95	12.71
July						6.67	8.80	3.05	7.67	3.87	18.39
August						6.37	2.96	8.17	4.98	5.49	21.60
September ..						.85	4.28	4.14	14.06	3.69	26.17
October ...						3.01	8.43	8.22	5.21	4.54	26.40
November ..						2.43	3.42	7.22	2.73	4.85	18.62
December...					#	7.95	3.94	2.61	11.13	8.29	25.97
TOTALS ...						46.77	56.39	45.76	67.90	51.93	222.02

Read weekly & taken of Month
Open Mode

Reprinted from Answers 2nd term.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
36 53.30.54	1.56.46	7 neglaine	7 neglaine	3.96 miles	W NW 5 (Marylebone)	2.18 miles	W NW	

RAINFALL at Greenfield Chew Reservoir (East side)

County of N. R. Yorkshire

Observer G. H. Paddison Esq. C.E.

River Basin Upper Mersey 4

Ashton-under-Lyne 6th

Shoredon Rain Gauge, by N°2.

(1929) M. T. B. Wilson Esq. C.E.

W.

Diameter ...	5"											
Height	1	0										
Altitude ...	1648											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920-29 MEANS.	1920-30 TOMS
January ...	5.73	10.04	3.84	6.20	3.82	4.24	4.65	4.88	13.48	1.74	6.62	65.24
February ...	5.70	7.8	6.83	5.82	2.10	7.09	4.90	2.05	6.29	1.08	1.08	43.72
March	3.08	4.22	3.35	2.55	1.62	2.36	2.35	5.60	1.95	1.71	2.96	31.75
April	7.24	2.25	3.97	4.08	2.35	3.41	3.31	5.28	1.64	2.22	4.27	40.02
May	6.87	2.73	1.71	5.63	7.35	5.02	5.15	2.00	3.37	3.95	3.29	47.07
June	4.23	5.0	4.72	2.06	3.34	2.2	4.49	5.98	7.78	2.16	5.72	41.50
July	14.28	2.78	6.69	6.06	4.74	3.06	4.11	4.83	3.18	3.97	11.01	61.71
August	4.45	7.34	8.31	6.00	8.76	5.05	7.41	7.75	6.89	9.77	7.13	77.86
September...	3.45	1.69	6.27	5.92	5.96	5.22	5.00	9.04	0.99	3.05	5.68	52.17
October.....	1.82	3.20	1.63	5.74	7.30	6.83	4.31	5.81	5.79	7.10	8.42	57.95
November...	2.23	2.62	4.02	6.64	3.62	3.05	5.56	5.98	8.26	10.08	6.97	59.03
December...	4.47	3.05	3.60	4.43	5.68	4.53	3.27	.97	3.34	8.71	3.29	50.34
TOTALS...	60.55	46.50	54.94	61.13	56.64	50.08	54.51	60.17	62.96	54.54	66.34	628.36

g. on open moor.

Rejected from survey 2ndPosition of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1922	53°36'52"	1°56'46"	Friegland	mi. 1/4 3.960	W N W	St. Mary's Greenfield	mi. 1/4 2.1810

RAINFALL at Greenfield (Chew Reservoir)

County of West Riding

Observer M. T. B. Whitson, Esq., C.E.

River Basin Mersey - Upper - 4.

Type of Gauge

Annual Average 57.2 in. based on years obs. un-weighted. Period of average

Ref.

705468/26

Diameter	5.										
Height	1.0.										
Altitude	1648 ft.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
January	9.64	6.66	3.15	4.30	3.71	3.24	5.92	6.76	6.35	2.59	52.32
February	7.37	5.57	4.76	5.55	7.19	3.85	11.19	2.92	6.08	4.31	48.79
March	5.56	3.90	3.67	4.03	3.18	3.72	6.30	2.79	3.97	4.56	36.68
April	6.44	5.80	2.67	3.39	3.84	2.35	4.93	.90	3.62	4.00	37.94
May	3.48	6.70	1.88	3.70	.97	1.87	3.42	4.68	3.35	1.20	31.25
June	7.61	7.73	4.00	2.81	5.37	4.68	3.23	6.67	5.05	1.25	41.40
July	6.93	6.78	5.55	5.00	3.32	6.52	4.69	6.94	10.07	6.65	62.45
August	8.41	2.18	1.94	5.30	2.57	4.44	1.66	4.50	3.07	4.08	38.15
September	7.35	7.35	2.47	4.46	8.22	8.40	2.89	2.93	2.52	6.87	53.46
October	3.80	9.77	6.86	7.96	11.88	7.22	3.25	11.45	4.01	5.66	71.55
November	6.81	4.76	2.71	4.40	6.87	7.80	2.98	6.36	10.14	10.11	62.94
December	3.24	2.50	0.88	6.05	3.94	4.69	4.63	5.66	5.35	7.66	44.60
TOTALS	71.64	57.70	40.23	51.95	61.06	58.78	55.09	62.56	63.58	58.94	581.53
	W	W	W.								

1932 Open Mo.

1934. Inspected Sept. Rec. continuing obs from old to new q. Old q. to be abandoned at end of 1936.

* Height above M.S.L. corrected from map. See Sheet No. 2044. The height of 3045 above M.S.L. is 1648 ft. Ver. 9.5.39.

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
1931			Friezland	2 miles 16 miles	WNW	St. Mary's Greenfield	2 miles

Station No. 3095

3095

RAINFALL at Greenfield (Ches. Reservoir)

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County of West Riding

Observer M. T. B. Whitson, Esq., C.E.

River Basin Inventory. Water - 4.

Observer Mr. T. B. Whitson, Esq., C.E.

Type of Gauge.....

Annual Average 57.8 in. based on 11 years obs. un-weighted. Period of average 1881-1965 Ref. P.B. 574

Ref. P. B. 574

File No. 705458.2b

Diameter	5		559	644							
Height	10			1							
Altitude	1648			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	
										1941-50 Means Totals	
January	4.31	5.00	6.61	9.94	5.29	6.90	4.21	12.73	4.10	8.07	64.16
February	8.84	2.01	4.50	4.16	7.94	8.92	(2.00)	4.20	3.22	6.33	52.12
March	7.02	3.93	2.88	1.37	2.45	2.27	(8.00)	2.08	3.07	3.72	36.49
April	4.40	2.30	3.75	4.42	3.36	2.99	4.38	2.17	6.16	8.69	39.52
May	3.89	4.06	3.65	7.20	3.86	2.95	3.89	1.97	3.53	2.65	37.55
June	2.35	1.67	6.67	5.19	7.30	4.95	3.02	6.02	1.31	3.99	42.47
July	4.57	8.22	4.09	5.17	2.49	9.42	3.50	3.36	3.89	4.70	49.41
August	8.57	7.38	10.45	5.97	5.20	6.18	3.36	6.79	4.21	6.48	61.59
September	1.01	4.67	6.35	7.59	4.13	8.82	3.15	4.21	2.49	9.63	52.05
October	8.23	10.63	3.88	5.60	6.99	1.78	1.61	4.40	4.61	3.20	50.93
November	4.15	1.83	5.52	10.68	1.53	10.14	8.72	3.85	9.48	8.14	64.04
December	14.46	5.74	3.17	5.59	3.65	5.00	7.26	4.12	9.23	4.27	52.49
TOTALS	61.80	57.44	61.52	72.88	54.19	70.32	50.10	55.90	55.30	63.67	603.12

1947 Feb. 7 man. area 100' snow

30004

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

Reference No.

RAINFALL at Greenfield (Chew Reservoir)

Station No. 3095

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County of West Riding - Yorks Observer Mr. J. B. Whita on Esq. C.E.
River Basin Mersey - Upper A.

Type of Gauge. B. N. S. (standard) (inception)

Annual Average 57.8 in. based on 11 years obs. unweighted. Period of average 1881-1915 Ref. P.B. 574

File No. 705/8/26 E22801/58

Diameter	5"		559	644							Means- Total
Height	1' 0"				1						
Altitude	1648				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January	7.56 (7.26)	9.34	6.38	5.00	6.58	4.89	5.35	4.98	7.73	59.07	
February	5.52	2.62 (4.40)	5.30	3.04	2.78	4.39	7.91	7.75	3.51	40.22	
March	7.20	4.00	3.62	3.45	3.73	2.08	5.67	3.72	2.75	1.47	37.69
April	3.58	4.79	4.53	1.62	2.95	4.38	9.4	2.13	4.73	3.40	33.05
May	3.95	3.03	3.24	4.60	5.60	2.66	1.62	4.90	2.25	2.52	34.17
June	1.84	4.55	5.50	5.50	4.88	4.92	3.35	6.87	2.68	2.62	42.71
July	4.51	4.70	12.01	9.06	2.06	8.85	7.33	6.92	4.61	11.03	11.08
August	8.68	4.07	7.91	8.20	1.03	15.35	7.84	7.72	7.76	7.38	68.94
September	4.29	6.17	4.59	7.61	3.47	6.32	9.98	6.52	3.8	5.15	54.48
October	1.46	6.58	2.71	10.76	3.52	4.06	7.55	5.54	4.52	7.32	54.02
November	10.97	4.79	6.10	7.96	2.48	2.70	3.95	2.37	6.11	7.01	54.44
December	8.81	6.00	3.50	9.62	7.30	6.69	7.32	5.29	7.27	5.86	67.66
TOTALS	68.3	58.56	61.45	80.06	45.06	67.17	64.83	65.24	41.79	65.00	617.53
	W	W	W	W	W	W	W	W	W	W	

Insp. date 17.9.55 Mr. Dales Gauge stand, measure flat-bottomed. Site
recommendable but gauge tilted. S. Recommended levelling of room
40004 20004

15 cm for all

Position of Station on Ordnance One-Inch map: No. of Map. 102 National Grid Reference 5E 6400000-20

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

Summary of Earlier Records from 10-year Sheets:

1916-1950, P - Rejected

Record D, or d	1910-1918	1920-30	1931-40	1941-50	1951-60
	1911-15	✓	✓	✓	