

RAINFALL at

Greenfield Chew Reservoir

East Side

County of W.R. YorkshireObserver F. J. Dixon Esq. Ch.River Basin Upper Mersey 4G. H. Radcliffe Esq. Ch.Snowdon Rain Gauge, by No. 3.

Diameter ...						5						
Height						10						
Altitude ...						1650				1648		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 Mean 1825	
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	4.09	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	3.80	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	3.52	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	51.97	222.02	

Read weekly + at end of month
Open Moon

Revised from survey 2" low.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	³⁶ 53.30.54	1.58.46	Freeland	⁷⁶ 3.96 1/2	WNW	St Mary's (Pewsey)	¹⁰⁷ 2.18 1/2	WNW

RAINFALL at Greenfield Chew Reservoir (East Side)County of N. R. YorkshireObserver G. H. Paddison Esq. G.C.River Basin Upper Mersey 4Ashdon - under Lyne W.D.Shroton Rain Gauge, by N.F.Z.(1929) by J. B. Whiston Esq. C.E.

W.

Diameter ...	5"											
Height	10											
Altitude ...	1648											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920-29 Totals	
January ...	5.73	10.04	3.84	6.20	3.82	4.24	4.45	4.88	15.48	1.74	6.62	65.24
February ...	5.70	.78	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	.50	4.72	2.06	3.34	.22	4.49	5.98	7.78	2.16	5.72	41.50
July	4.28	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	5.58	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	8.05	3.60	4.43	5.68	4.53	3.27	.97	3.34	8.71	3.29	50.34
TOTALS...	60.55	146.50	54.94	61.13	56.64	50.08	54.51	60.17	62.96	54.54	66.34	628.36

g. on open water.

Rejected from survey 2" low

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
1922	55° 36' 52"	1° 56' 46"	Friezland	mi. 3	960 W N W	St Marys Greenfield	mi. 2	1810 W N W

RAINFALL at Greenfield (Chew Reservoir)County of West Riding Observer M.T.B. Whitson, Esq., R.C.E.River Basin Mersey Upper-4

Type of Gauge.....

Annual Average 5.78 in. based on years obs. un-weighted. Period of average..... Ref. 705463/26

Diameter	5.											
Height	1.0.											
Altitude	<u>1648</u>							<u>1648</u>				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means.	1931-40
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	.57	4.76	.55	7.19	3.85	11.19	2.92	6.08	4.31	48.79	
March	.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	.73	4.00	2.81	5.37	4.68	3.23	6.67	5.05	1.25	41.40	
July	6.93	6.78	5.88	5.00	3.32	6.52	4.69	6.94	10.07	6.65	62.45	
August	8.41	2.18	1.44	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	3.30	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	

1932 Open Moor.

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

* Height above M.S.L. corrected from map. See Station No. 3094. The height of 3095 same M.S.L. = 1648 ft. Read 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Friezland	2m 16.30	WNW	St. Mary's Greenfield	2m 57.0	gds

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

Station No. 3095

RAINFALL at Greenfield (Chow Reservoir)

41

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

Type of Gauge

Annual Average 57.4 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 574File No. 7054.68.26

Diameter	5			559	644						
Height	1 0				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	9.34	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	36.79
April	4.40	2.30	3.75	4.42	3.36	2.99	4.38	2.17	6.16	8.89	39.52
May	3.89	4.06	3.65	7.20	3.86	2.95	3.89	1.97	3.53	2.68	37.55
June	2.36	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	3.6	6.79	4.21	6.48	61.59
September	1.01	4.67	6.35	7.53	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	4.46	5.74	3.17	5.53	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. 2 men. used for snow

30004

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 Reservoir) Station No. 3095 51
 County of West Riding - Yorks Observer M. J. B. Whitton, Eng. C.E.
 River Basin Murray - Upper - A
 Type of Gauge Bench mark (on inspection)

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

File No. 705018/26 622801/58

Diameter ...	5"			559	644						
Height ...	1'0"				1						
Altitude ...	1648'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- Total
January ...	7.56	(7.26)	3.34	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	.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	.94	2.13	4.73	3.40	33.05
May ...	3.95	3.03	3.24	4.60	5.60	2.46	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	71.08
August ...	8.68	4.07	7.91	8.20	1.03	15.35	7.84	7.72	.76	7.38	68.94
September ...	4.29	6.17	4.59	7.61	3.47	6.32	9.98	6.52	.38	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 ...	68.37	58.56	61.45	80.06	45.06	67.17	64.83	65.24	44.79	65.00	617.53
	W	W	W	W	W	W	W	W	W	W	

Inspected 7.7.55 Mr. D. L. Gange, Surveyor, measure flat-belt at fixed site
 remarkable but gauge is flat. Recommended leveling of river.

4000420004

55-100 all

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference SE 44/444020

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 - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C1915	✓	✓	✓	