

RAINFALL AT Greenfield, Archer, Clay

Lat. ....

Lon. ....

County of Yorks. W. R.

Rain Gauge, by .....

Observer G. H. Aldin Esq. CEHeavy upper 4

Diameter ....				5							
Height .....				(1.0)?							
Altitude ....				1018							
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 ...				52.50	45.00	52.20	50.60	32.50	46.40	45.60	

1882-1904 used, 17 x 1.20 E. U. x 1.22

# RAINFALL AT *Greenfield, Birchen Clough.*

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

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

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

*Yorks.*

*W.R.*

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

Observer *W. Hadden Esq. C.E.*

*Money, upper - 14.*

Diameter . . .	5											
Height . . . . .	1.0?											
Altitude . . . .	1015											
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January . . . .												
February . . . .												
March . . . . .												
April . . . . .												
May . . . . .												
June . . . . .												
July . . . . .												
August . . . . .												
September . . . .												
October . . . . .												
November . . . .												
December . . . .												
TOTALS . . .	48.30	51.80	59.10	44.10	54.30	49.90	51.50	60.40	52.20	47.10		

1883-1909 rec. 17 x 1.20 *26. x 1.22*

## RAINFALL AT

Greenfield Biersbrook

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

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

County of W.R. York (Central)

Old Head Rain Gauge, by \_\_\_\_\_

Observer F. J. Dixon Esq. C.E.

Mersey <sup>Smindon</sup> Upper H.

Diameter ...									7		
Height .....									1' 0		
Altitude ...									1017 ft		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									4.90	3.30	
February ...									3.90	4.20	
March .....									5.20	5.20	
April .....									3.70	4.60	
May .....									3.90	2.70	
June .....									2.60	4.20	
July .....									6.40	8.50	
August .....									4.10	4.80	
September ..									4.10	3.20	
October ...									2.40	7.40	
November ..									3.30	1.70	
December ...									3.90	5.70	
TOTALS ...	56.50	49.70	35.70	65.00	51.60	51.70	56.10	60.30	48.40	55.70	

1883-07 recd. xi 20 and xi 22 (Ann. P. 7)

1908 Greenfield Church 2 3/4 miles S

Greenland Station

No objects near

1907 Parish Church 2 1/4 miles E

Greenfield Station 3 " ENE



RAINFALL at Greenfield BradenburghCounty of W. R. YorkshireObserver F. J. Dixon Esq. C.E.River Basin Upper Mersey 4G. H. Radding Esq. C.E.Inverdon Rain Gauge, by N 3

Diameter ...	5											
Height .....	1 0											
Altitude ...	1017 <sup>ft</sup>								1018			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 MEANS- Totals	
January ...	7.40	2.63	5.63	5.40	5.31	8.39	5.61	7.06	4.58	6.18	23.43	
February ...	6.27	6.39	2.86	1.84	3.20	6.48	9.32	2.77	8.89	1.79	22.77	
March .....	1.14	3.66	6.30	5.88	7.95	2.69	6.55	3.65	2.81	7.89	20.90	
April .....	5.02	3.61	1.89	5.02	1.70	2.09	3.70	3.64	2.36	3.50	13.20	
May .....	4.82	1.90	4.75	4.47	3.15	2.07	3.94	2.68	4.16	2.40	13.18	
June .....	4.96	5.13	5.10	3.78	6.88	1.85	3.54	2.35	2.82	2.61	11.32	
July .....	6.09	.47	6.02	1.95	5.05	6.83	3.10	2.46	7.13	3.06	15.75	
August .....	6.97	3.96	10.05	2.73	4.64	6.28	2.49	8.86	4.64	4.54	20.33	
September ..	.49	4.19	2.96	3.14	3.12	.84	3.64	3.21	10.76	2.20	24.81	
October ...	4.17	4.48	5.98	4.09	4.27	3.22	8.45	8.94	4.83	4.18	26.40	
November ...	6.76	6.48	5.17	5.15	6.28	4.49	5.57	6.61	2.83	4.48	19.19	
December ...	8.03	6.54	5.84	3.56	4.02	9.79	4.66	4.86	10.60	8.98	29.10	
TOTALS ...	62.12	49.44	62.55	47.01	59.47	54.02	60.57	57.09	71.11	51.61	240.38	

1910 July New Gauge fixed 5" Read every week + end of month  
 1912 fine open valley

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.32.30	1.56.45 W	Greenfield	2.580 <sup>ft</sup>	W by N	Siffarth-hall	2 M	W by N

RAINFALL at Greenfield Birchen CloughCounty of W. R. YorkshireObserver G. H. Radding Esq C.E.River Basin Upper Mersey &Ashton under Lyne W.Lowdown Rain Gauge, by N. B. J.M. T. B. Whitson C.E.

Diameter ...	5"											
Height .....	10											
Altitude ...	1018											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 TOTALS
January ...	6.22	11.09	4.89	5.51	3.92	4.28	5.41	5.43	10.47	2.39	6.08	65.69
February ...	5.58	1.00	6.74	6.26	2.14	7.66	4.55	1.88	5.60	.86	1.37	43.64
March .....	4.39	4.95	3.79	3.00	1.48	2.29	2.64	5.52	3.03	1.36	2.78	35.23
April .....	8.02	2.94	4.46	4.28	2.55	3.48	3.02	5.37	1.45	2.02	4.30	41.87
May .....	7.09	3.01	1.87	5.68	6.90	5.27	5.20	1.84	2.28	3.46	2.81	45.41
June .....	3.55	.75	4.09	1.77	3.19	.07	4.76	4.92	6.21	1.32	3.79	34.42
July .....	10.60	2.24	7.21	5.23	4.98	2.92	3.68	3.69	2.49	3.19	9.31	55.49
August .....	3.95	7.66	8.17	5.39	7.07	4.58	5.84	6.30	6.15	7.34	5.61	68.56
September...	3.19	1.30	5.53	5.03	5.98	4.61	3.57	7.81	0.94	2.30	5.05	45.31
October .....	1.76	3.08	1.98	5.48	7.23	6.63	4.66	5.03	5.72	6.38	5.99	53.94
November...	2.50	2.73	4.41	8.44	3.27	3.58	5.69	6.04	7.79	10.22	6.48	61.15
December...	5.17	8.32	4.79	5.89	5.58	5.13	3.43	1.93	3.87	8.72	3.81	56.69
TOTALS...	62.02	49.07	57.93	61.96	54.29	50.50	52.40	50.31	55.98	49.56	57.38	607.40

g. in open in deep valley.

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
	53° 32' 30"	1° 56' 45"	Uppermill	mi 7/8 2.586	W by N	St. Chad's, Saddleworth	35.5074	W N W

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

Type of Gauge.....

Annual Average 51.4 in. based on 47 years obs. unweighted. Period of average 1881-1928 Ref. 5

705469/26

Diameter	5.											
Height	1.0.											
Altitude	1018.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals	
January	7.74	5.76	3.51	3.95	2.98	4.66	5.19	6.20	7.12	2.08	49.19	
February	7.52	5.7	5.34	4.1	5.52	3.82	8.49	2.48	5.42	3.70	43.27	
March	4.3	3.41	3.90	3.58	2.37	3.37	4.21	1.84	4.09	4.46	31.66	
April	5.85	4.85	2.36	3.75	3.31	2.80	3.77	.75	2.94	4.07	34.47	
May	3.10	5.39	1.77	3.40	.99	2.15	3.17	4.86	2.94	1.50	29.27	
June	7.23	.73	3.96	2.43	3.42	5.26	2.35	5.16	5.04	1.09	36.67	
July	5.31	6.26	4.65	5.14	2.76	5.62	3.66	5.30	9.89	6.13	54.72	
August	8.17	2.53	1.91	3.81	2.06	3.67	1.63	3.69	2.52	3.02	33.01	
September	6.00	5.90	2.55	4.16	6.52	7.33	2.68	2.58	1.88	5.44	45.04	
October	3.08	9.10	5.53	6.31	10.86	6.10	3.34	10.36	4.20	5.44	64.32	
November	8.01	4.05	3.01	3.18	7.59	6.92	3.06	5.82	8.42	10.56	60.62	
December	2.72	2.62	0.83	6.07	3.84	4.81	3.85	5.22	5.30	6.53	41.79	
TOTALS	65.16	51.17	39.32	46.19	52.22	56.51	45.40	54.26	59.78	54.02	524.03	
	W.		W.	W.	W.	W.	W.					

1934 Inspected Sept. Tube of funnel detached, this is to be repaired.

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			Uppermill	2	1/2 530 yds	St Chad's Saddleworth	1	1/2 340 yds

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



Station No. 2098 T.F.

RAINFALL at Greenfield (Birchen Clough)

41

County of West Riding Observer A. T. R. Whitson, Esq. F.R.S.

River Basin Thirsk &amp; Ure

Type of Gauge

Annual Average 5.4 in. based on 17 years obs. unweighted. Period of average 1881-1915 Ref. S

File No. 705.428.26

Diameter	5			559	617							
Height	10				1							
Altitude	1018				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	4.00	6.48	7.08	7.92	6.06	6.33	3.74	11.95	3.25	4.06	60.87	
February	7.43	2.16	3.67	3.44	6.09	7.72	(2.50)	4.03	2.92	5.89	45.86	
March	6.05	4.17	2.29	.95	1.62	2.80	(8.50)	1.66	2.02	2.99	32.45	
April	4.03	2.89	2.94	3.37	3.19	2.44	4.30	2.34	5.13	5.21	35.84	
May	3.41	4.69	2.86	5.61	4.31	3.23	3.57	2.34	3.49	2.61	36.12	
June	1.78	1.54	4.63	3.93	7.12	4.63	3.07	5.63	1.05	2.94	36.32	
July	3.48	6.00	2.98	4.36	2.53	7.41	2.90	2.94	3.38	3.88	39.86	
August	6.35	6.22	7.78	4.94	4.83	5.77	.34	5.48	5.10	6.00	54.81	
September	5.83	3.82	5.74	5.61	3.52	8.11	2.81	3.54	2.40	8.15	44.53	
October	6.56	7.98	3.43	4.73	7.15	1.80	1.78	3.17	4.25	3.43	44.28	
November	3.02	1.34	4.56	9.46	1.12	10.30	7.17	2.73	9.10	8.23	57.03	
December	3.28	4.73	3.16	4.64	3.40	4.65	5.68	4.96	8.93	2.69	47.18	
TOTALS	52.22	52.08	51.12	58.96	50.94	64.59	46.36	50.77	51.02	57.08	535.14	

1947 Feb. 2 man. rec'd 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

Station No. 3098 *T.F. 28*

RAINFALL at

Greenfield (Birchen Clough)

51

County of West Riding - Yorks

Observer

M. T. B. Whitson, Eng. C.E.River Basin Thursay - Upper 4Type of Gauge Mk 1A (no. 12661)Annual Average 51.4 in. based on 47 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. SFile No. 700468/26622801/55

Diameter ...	5"											
Height ...	1'0"											
Altitude ...	1018'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	6.12	6.35	2.83	5.29	4.15	7.68	5.05	5.76	5.09	7.56	55.88	
February ...	4.77	2.40	3.45	4.17	3.31	2.88	4.44	7.42	.64	3.61	37.09	
March ...	6.92	(3.71)	3.02	3.51	3.04	1.71	4.68	3.64	2.95	1.75	34.93	
April ...	3.79	4.07	4.14	1.07	2.82	3.58	1.21	1.84	5.46	2.99	30.97	
May ...	4.38	2.40	3.01	4.27	5.40	2.44	1.44	4.88	3.14	2.75	33.81	
June ...	1.18	3.73	5.38	5.08	4.65	3.77	2.74	6.88	2.31	2.11	37.78	
July ...	4.68	4.13	8.84	7.33	1.63	9.34	6.76	5.46	4.54	11.39	64.10	
August ...	7.86	4.26	5.48	2.34	.48	14.02	6.69	5.78	.67	7.30	60.88	
September ...	3.43	4.77	3.71	6.88	2.86	6.19	8.07	6.45	.33	5.01	47.70	
October ...	1.15	6.55	2.46	9.25	3.21	3.58	6.77	4.77	4.46	8.83	51.03	
November ...	10.20	3.92	5.03	7.72	2.49	2.37	4.03	2.03	6.20	6.95	50.94	
December ...	8.50	4.64	2.20	8.25	6.33	5.84	6.30	6.13	9.29	5.91	63.39	
TOTALS ...	62.98	50.93	49.55	71.11	40.37	63.10	58.18	61.04	45.08	66.16	568.50	
	W	W	W	W	W	W	W	W	W	W		

1952 March part est M030. aug. agreeo.

Inspected 8.7.55 Mr. Dallos. Gauge station low, in narrow, killed NW piled with boulders:  
 found N.1. measure Gander. site of NW. Recommended repairs: building, moving site NW  
 away from fence which c/s gauge N.

Position of Station on Ordnance One-Inch map :

No. of Map 182National Grid Reference 39 46 30

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
	✓	✓	✓	✓	