

RAINFALL AT *Greenfield, Jeoman Key*

Lat. Lon. County of *Jorks, W. R.*

Rain Gauge, by Observer

Diameter.											
Height.											
Altitude.									<i>784</i>		
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.											
February.											
March.											
April.											
May.											
June.											
July.											
August.											
September.											
October.											
November.											
December.											
TOTALS.									<i>4300</i>	<i>4570</i>	

'78-'81, '88-'90 from P. J. (G. H. Hill). Entered 29. XI. 1913

RAINFALL AT *Greenfield Yeomanry* **80**

Lat.

Lon.

County of *Yorks*

Rain Gauge, by

Observer *J. Sidebottom Esq.**Wesley Upper L.*

Diameter	5										
Height	<i>-78</i>	<i>1906</i>									
Altitude	<i>784</i>										
Year.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January			4.10	6.00	7.70	3.70	7.20	2.70			
February			3.10	2.90	3.90	5.40	.80	1.20			
March			4.30	1.30	2.90	3.90	4.60	2.50			
April			5.20	2.40	2.60	2.90	3.30	1.60			
May			1.60	2.10	2.80	3.30	8.40	2.90			
June			6.40	5.40	1.20	4.40	2.40	.60			
July			5.50	3.30	5.00	2.20	5.20	2.90			
August			3.50	4.00	1.80	1.50	3.10	2.40			
September...			3.60	7.50	3.30	6.00	4.30	5.60			
October			5.10	6.50	3.20	10.20	7.90	4.10			
November...			7.30	5.00	2.20	3.90	3.20	3.90			
December...			5.60	4.40	7.20	3.50	6.40	3.70			
TOTALS	53.19	43.50	55.30	50.80	43.80	50.90	58.80	34.10	50.50	48.60	

'78-'81, '88-'90. Entered from P.Y. (G.H. Hill) 29th XI. 1913

RAINFALL AT

Greenfield Yeoman Hey

Lat. _____

Lon. _____

County of _____

York W.R.

Rain Gauge, by _____

Observer _____

G. H. Hill Esq. C.E.

Mersey - Upper 4

Diameter								7				
Height								7				
Altitude	<i>784</i>	<i>759</i>										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January		<i>3.60</i>	<i>5.00</i>	<i>2.20</i>	<i>4.60</i>	<i>5.00</i>	<i>2.30</i>	<i>4.10</i>	<i>3.70</i>	<i>7.40</i>		
February		<i>.60</i>	<i>3.70</i>	<i>7.50</i>	<i>7.90</i>	<i>.00</i>	<i>2.80</i>	<i>4.10</i>	<i>3.70</i>	<i>1.80</i>		
March		<i>3.00</i>	<i>2.40</i>	<i>1.10</i>	<i>4.50</i>	<i>6.20</i>	<i>7.10</i>	<i>4.80</i>	<i>4.10</i>	<i>3.00</i>		
April		<i>2.80</i>	<i>2.00</i>	<i>1.00</i>	<i>2.70</i>	<i>2.90</i>	<i>2.20</i>	<i>4.40</i>	<i>3.30</i>	<i>4.60</i>		
May		<i>4.80</i>	<i>6.50</i>	<i>3.20</i>	<i>2.90</i>	<i>1.10</i>	<i>.70</i>	<i>2.00</i>	<i>3.90</i>	<i>4.00</i>		
June		<i>2.80</i>	<i>4.60</i>	<i>3.80</i>	<i>4.60</i>	<i>3.20</i>	<i>3.30</i>	<i>4.10</i>	<i>4.10</i>	<i>2.00</i>		
July		<i>3.60</i>	<i>3.50</i>	<i>4.50</i>	<i>3.70</i>	<i>8.70</i>	<i>3.60</i>	<i>2.60</i>	<i>1.10</i>	<i>2.40</i>		
August		<i>9.80</i>	<i>5.40</i>	<i>3.80</i>	<i>5.10</i>	<i>5.50</i>	<i>3.10</i>	<i>5.50</i>	<i>7.80</i>	<i>2.90</i>		
September...		<i>5.70</i>	<i>5.10</i>	<i>5.10</i>	<i>.80</i>	<i>1.70</i>	<i>7.80</i>	<i>5.30</i>	<i>.80</i>	<i>8.20</i>		
October		<i>6.70</i>	<i>9.50</i>	<i>3.50</i>	<i>7.40</i>	<i>5.00</i>	<i>6.60</i>	<i>2.40</i>	<i>6.50</i>	<i>4.80</i>		
November...		<i>5.70</i>	<i>4.00</i>	<i>4.80</i>	<i>3.20</i>	<i>3.50</i>	<i>2.50</i>	<i>6.50</i>	<i>3.90</i>	<i>1.60</i>		
December		<i>8.90</i>	<i>2.80</i>	<i>6.00</i>	<i>4.70</i>	<i>6.00</i>	<i>6.90</i>	<i>4.90</i>	<i>6.20</i>	<i>4.00</i>		
TOTALS	<i>47.80</i>	<i>58.00</i>	<i>54.50</i>	<i>46.50</i>	<i>52.10</i>	<i>48.80</i>	<i>48.90</i>	<i>50.70</i>	<i>49.10</i>	<i>46.80</i>		

'78-'81, '88-'90 from Printed Table. Entered 29. XI. 1913

RAINFALL AT Greenfield Yeoman Key
 Lat. Lon. County of York W.R. Central
Smarden Rain Gauge, by Observer C. H. Hill Esq. C.E.
Mersey - Upper H 3.9. Anson Esq. C.E.

Diameter ..	7										
Height	0.7							1.0	6		
Altitude ..	759								784		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	6.20	2.80	2.90	3.90	4.70	2.90	6.90	2.40	4.50	2.80	4.000
February ..	5.00	2.40	.70	4.40	6.40	3.10	4.90	3.80	3.80	3.20	3.720
March	1.10	3.80	2.60	5.60	4.00	5.40	4.10	3.80	4.00	4.50	3.890
April	3.70	2.90	2.20	3.00	3.30	4.20	2.60	4.00	3.20	3.80	3.290
May	1.60	1.80	2.80	4.20	3.70	.70	4.10	4.40	3.30	2.50	2.910
June	5.00	2.50	1.20	2.50	1.30	4.10	1.50	7.80	2.40	3.60	3.190
July	4.80	3.60	2.80	4.60	2.20	3.30	3.30	3.60	5.70	7.30	4.120
August	8.40	2.90	4.20	6.20	5.40	5.70	4.10	4.90	4.00	4.20	5.000
September ..	1.90	.90	2.20	6.50	2.10	3.90	2.00	1.30	3.80	2.90	2.750
October	6.00	4.20	6.60	9.50	2.00	4.50	6.70	8.50	1.90	6.60	5.650
November ..	4.20	6.70	2.20	4.60	4.30	6.10	5.90	4.50	3.00	2.20	4.370
December ..	6.70	8.40	3.90	2.10	4.00	1.30	4.80	4.50	3.30	7.40	4.640
TOTALS ..	54.60	42.90	34.30	57.10	43.40	45.20	50.90	53.00	42.90	51.00	47.530

1908 Freyland Station L.N.S.

9 Greenfield Station 2 miles E

Hill

RAINFALL at Greenfield Yeoman HwyCounty of W. YorkshsObserver F. J. Dixon Esq. C.E.River Basin Upper Mersey 4G. H. Radding Esq. C.E.Sunderland Rain Gauge, by N 3

Diameter ...	5										
Height	10										
Altitude ...	784										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.00	2.04	5.40	5.16	4.18	8.00	5.32	6.16	3.41	6.14	
February ...	5.40	5.84	2.07	1.64	3.05	5.43	9.88	1.22	7.90	2.82	
March70	2.86	6.59	6.13	7.54	2.44	6.88	3.50	2.50	8.31	
April	4.67	3.07	1.44	5.44	1.48	2.15	3.98	3.90	1.98	3.29	
May	4.14	1.68	3.82	4.08	2.65	1.89	4.15	2.56	3.82	2.38	
June	4.23	5.33	4.50	3.19	5.64	1.82	3.23	1.94	2.61	2.08	
July	5.71	.54	5.27	1.57	4.69	5.63	3.27	2.20	5.80	3.32	
August	6.31	3.60	9.09	2.36	4.35	5.98	2.58	8.33	4.03	3.47	
September ..	.25	4.02	2.89	2.66	3.12	.81	2.60	2.99	14.13	1.83	
October ...	4.03	3.74	4.72	3.54	3.50	3.07	7.37	8.69	5.01	4.45	
November ..	6.46	6.22	4.58	4.99	6.08	4.57	5.45	6.32	2.39	4.33	
December ...	6.62	5.85	5.96	3.57	7.22	10.61	4.46	4.91	9.68	8.62	
TOTALS ...	54.52	44.79	56.33	44.33	53.50	52.40	60.27	52.72	63.26	51.04	
	3	2	2	2	2	2	2	2	2	2	

1910 April 1st New Gauge fixed
 1912 8th open

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53.32.18	1.58.00N		Greenfield	1.14.07 1/2	W by S	S. Mary's Church	2.5.70 1/2	W by S

RAINFALL at Greenfield Yeoman Key Res.County of N. B. YorkshireObserver G. H. Raddin Esq. G.E.River Basin Upper Mersey H.Ashton under Lyne L.V.Snarston Rain Gauge, by R. J.(1920) M. J. B. Whitson Esq. C.E.

Diameter ...	5"										
Height	1.0										
Altitude ...	759										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means
January ...	5.61	9.30	4.62	5.71	3.44	4.65	4.92	5.24	11.10	1.87	6.28
February ...	5.96	8.1	7.42	6.78	1.97	7.82	4.31	1.71	5.76	8.1	1.41
March	3.60	4.52	4.03	3.44	1.67	1.95	2.29	6.24	2.59	1.31	3.50
April	8.00	2.86	4.08	4.45	2.50	3.07	2.94	5.70	1.52	2.05	4.38
May	7.90	2.96	1.78	5.67	6.43	4.88	5.41	1.56	2.50	3.27	2.78
June	3.54	8.6	4.51	1.89	3.52	0.6	4.76	5.21	6.81	1.32	3.59
July	10.21	2.22	6.97	5.53	4.84	2.91	3.59	3.18	2.57	3.12	8.98
August	3.72	6.67	8.48	5.98	6.08	4.37	5.47	6.88	6.15	6.93	6.82
September...	3.37	1.30	6.20	4.73	5.97	4.37	3.74	6.82	0.94	2.42	4.96
October	1.64	3.05	2.06	5.86	6.44	6.35	4.34	4.79	5.41	5.88	6.97
November...	1.97	2.24	4.88	7.57	3.22	3.88	5.73	5.96	7.40	8.81	6.49
December...	4.99	8.15	6.12	4.70	5.29	5.66	3.13	1.86	3.61	7.71	3.91
TOTALS...	60.51	45.57	61.15	62.31	51.37	49.97	50.65	55.15	56.36	45.50	60.07
	D	D	D	D	D	D	D	D	D	D	D

g. i. p.

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' 18"	1° 58' 0"	Leighfield	mi 7/4 1.1407	W by S	St Mary's Greenfield	mi 7/4 1.490	W S W

RAINFALL at Greenfield (Yeoman Hey)County of West RidingObserver M.T.B. Whilson, Esq., C.E.River Basin Mersey Upper - 4

Type of Gauge.....

Annual Average 49.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

705468/26

Diameter	5.											
Height	1.0.											
Altitude	759.			784								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	6.91	5.08	3.06	3.38	2.58	3.22	5.05	6.05	7.16	2.16	46.65	
February	7.05	.59	5.59	.40	6.02	3.46	8.25	2.34	5.59	3.57	42.86	
March	.59	3.19	3.79	3.63	2.50	3.32	4.20	1.89	3.87	4.16	31.14	
April	6.10	5.14	2.31	3.03	3.88	2.41	3.58	.82	3.44	4.07	34.48	
May	3.12	5.75	1.97	2.82	.94	1.87	3.43	4.65	2.95	.98	28.48	
June	7.20	.74	3.58	2.04	3.55	4.86	2.43	5.15	4.41	1.12	35.08	
July	5.39	5.72	3.45	4.10	2.42	5.69	3.20	5.16	9.02	6.16	50.31	
August	8.38	2.05	1.81	3.40	2.20	3.39	1.50	3.73	2.34	3.06	31.88	
September	6.08	5.80	2.35	3.02	6.76	7.03	2.35	2.38	1.69	5.77	43.23	
October	2.74	8.84	5.12	6.27	10.75	6.03	3.00	10.63	3.99	5.10	62.47	
November	7.63	3.62	2.86	3.28	7.25	6.99	2.89	5.79	7.90	9.92	58.13	
December	2.50	2.34	0.78	6.04	3.63	4.46	3.94	5.27	4.95	6.21	40.12	
TOTALS	63.69	48.86	36.67	41.41	52.48	54.73	43.82	53.86	57.03	52.28	504.83	
	D	D	D	D.	D.	D	D	D	D	D	D	

1932 Open site

1934 Inspected Sept. Rec. check g. be set up on site 30 yds E of present site & surrounded by turf wall. Both g.s to be read to end of 1936 when old g. could be abandoned. New g. ordered 9/1/37

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			Friezland	1m 40y	W by S	St Mary's Greenfield	1m 51y	W by S

Station No. T.F. 3096

RAINFALL at Greenfield (Yeoman Lev)

41

County of West Riding

Observer Mr. T. B. Watson Esq. C.E.

River Basin Ingsy Upper-4

Type of Gauge

Annual Average 49.1 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 705.4.28.76

Diameter	5			559	630							
Height	10				1							
Altitude	784				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	3.67	6.41	6.73	8.16	6.03	5.48	3.61	13.84	2.29	3.32	59.54	
February	7.66	2.24	3.55	3.48	5.84	7.62	(1.83)	3.84	2.84	6.12	45.02	
March	7.22	4.14	2.21	1.06	1.58	2.02	8.37	1.61	2.01	2.65	32.87	
April	3.97	2.68	3.27	3.33	3.02	2.38	4.23	2.16	5.48	4.98	35.50	
May	3.02	4.62	3.05	4.19	4.37	2.52	3.36	2.09	3.38	2.39	32.99	
June	1.38	1.43	4.81	3.90	6.88	3.87	2.72	5.38	.92	2.99	34.28	
July	3.34	5.85	2.95	4.16	2.53	7.70	3.00	2.72	2.64	4.12	39.01	
August	8.53	5.68	7.74	4.51	4.12	5.43	.38	5.77	4.16	6.27	57.58	
September	.67	3.51	5.72	5.71	3.47	7.21	2.99	3.43	2.41	7.78	42.90	
October	6.62	8.02	3.30	4.76	7.06	1.34	1.74	3.29	4.22	3.38	43.73	
November	3.91	1.29	4.69	2.23	1.08	8.38	6.94	2.58	6.48	8.16	52.68	
December	2.47	4.52	3.04	4.51	3.21	4.82	5.77	4.11	7.45	3.78	44.08	
TOTALS	53.46 D	50.33 D	51.06 D	57.00 D	49.19 D	58.10 D	44.94 D	50.82 D	44.28 N.P.O.	64.96 D	514.18	

1947. Feb. part not for snow.

1949 - n.p. low. "About 5 in." likely suspected.

1950. English temp. is not looking: it will receive careful attention. 459.24

20004

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. 3096 H. 28RAINFALL at Greenfield (Yoman Hay)

51

County of West Riding - YorksObserver M. J. B. Whitson, Long. C.F.River Basin Wharfe - 1Type of Gauge Mk II in operationAnnual Average 49.1 in. based on 35 years obs. by weighted. Period of average 1881-1915 Ref. S
" " 52.32 " " 37 " " within 1920-57 " " 46-50
File No. 205065/24 6.12.50/1/50

Diameter ...	5"			559	630							
Height ...	1'0"				1							
Altitude ...	784'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	5.84	6.21	2.59	5.24	4.37	7.09	5.25	4.68	5.06	7.16	53.49	
February ...	5.40	2.16	3.47	4.12	3.31	2.57	4.53	7.51	.61	3.51	37.19	
March ...	7.02	3.59	3.03	3.51	3.31	1.99	4.75	3.00	3.03	1.82	35.05	
April ...	3.61	4.35	4.06	1.13	2.75	3.75	1.07	1.79	5.04	3.03	30.58	
May ...	3.88	2.68	2.99	4.42	5.28	1.98	1.44	4.69	2.31	2.52	32.19	
June ...	1.31	3.82	3.35	4.61	3.82	4.34	2.72	6.52	2.40	2.39	35.28	
July ...	4.54	3.73	9.15	7.43	1.54	9.22	5.97	5.25	4.41	12.04	63.28	
August ...	7.40	4.56	5.79	8.32	49	14.07	6.78	5.35	.68	7.64	61.14	
September ...	3.38	4.71	3.71	6.93	3.32	5.53	8.21	6.60	.35	4.28	47.02	
October ...	1.23	6.33	2.67	8.94	3.11	3.95	6.35	4.77	4.43	7.41	49.19	
November ...	10.13	3.89	4.86	6.96	2.33	2.40	3.70	1.98	6.21	7.10	49.56	
December ...	8.40	4.87	2.40	8.78	6.32	5.85	5.83	5.40	8.68	5.60	62.13	
TOTALS ...	62.14	50.90	48.07	70.35	39.95	62.74	56.60	57.54	43.21	64.50	556.10	
	D	D	D	D	D	D	D	D	D	D	D	

Inspected 8.9.55 Mr. Dales. Gauge sound (but rain disturbed) Measure flat-bottomed. S.E. satisfactory but gauge rim at 20 inches & tilted to NW. Recommended repairs to rim, removal of concrete round gauge 4 ins. to 12 (2")
1956 Jan amended 1903, Eng. 497005.

Tide gauge

Position of Station on Ordnance One-Inch map :

No. of Map 102National Grid Reference SE 46/022046

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	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ 7p49	
	✓	✓	✓	✓	