

RAINFALL AT Fewston Timber Ings

Lat. _____

Lon. _____

County of York W.R.

Rain Gauge, by _____

Observer J. Hewson Esq. C.E.

Onse-Wharfe 10

Diameter									8			
Height									9			
Altitude									912			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January									2.61	5.22		
February									2.99	1.88		
March . . . . .									.68	1.69		
April									3.02	3.04		
May								# 1.15	2.52	3.76		
June								3.89	2.48	1.54		
July								1.10	1.95	2.49		
August								4.76	4.15	1.45		
September . . .								3.64	1.30	5.08		
October								1.89	5.72	3.18		
November								2.51	3.35	1.66		
December								3.12	4.23	3.60		
TOTALS									35.00	34.59		

RAINFALL AT *Fewston Tumble Ings*

Lat.

Lon.

County of

York W.R. Northern

Rain Gauge, by

Observer

J. Hewson Esq. Ch.

C. G. Murrell Esq. Ch.

W. shape - 10.

Diameter ..	8										
Height ...	0 9										
Altitude ..	912 1/2										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.79	2.19	2.19	2.82	3.52	1.87	4.81	1.64	2.50	1.54	2.78 7
February ..	5.60	1.18	1.37	4.44	3.50	2.70	2.31	2.29	2.66	1.65	2.77 0
March ....	.66	1.76	1.83	4.95	2.25	3.29	2.34	3.23	4.16	2.78	2.72 5
April	1.99	3.14	1.85	1.94	2.76	2.87	.76	2.67	2.54	3.28	2.38 0
May	2.01	1.29	3.10	3.69	3.16	.73	3.19	4.07	3.06	1.96	2.62 6
June	3.81	1.39	2.31	1.95	2.29	2.16	1.22	5.77	1.21	2.47	2.45 8
July	4.40	1.73	3.32	5.29	2.67	1.30	2.53	2.63	4.45	5.12	3.34 4
August	5.46	1.96	3.47	5.93	3.89	4.47	4.23	2.95	2.91	3.46	3.87 3
September ..	1.19	1.17	1.54	4.97	1.21	2.77	.70	.93	4.99	2.63	2.21 0
October	4.84	2.20	4.01	9.40	1.48	2.72	5.52	7.26	2.51	2.93	4.28 7
November ..	4.47	5.68	2.60	2.80	4.11	5.05	4.52	2.38	2.72	1.38	3.57 1
December ..	4.00	3.71	3.67	2.05	2.24	.99	3.64	4.41	2.02	3.97	3.07 0
TOTALS ..	43.22	27.40	31.26	50.23	33.08	30.92	35.77	40.23	35.73	33.17	36.10 1

H. W. G.

RAINFALL at Fewston Tumble Ings

County of W. Yorkshire Observer C. E. Hensell Esq. C.E.

River Basin Come. Wharfe 10

Rain Gauge, by

063 103 10309

Diameter ...	8										
Height	0 9										
Altitude ...	912 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. 1910-19
January ...	4.07	1.05	3.61	3.55	2.34	5.40	3.07	2.34	3.18	3.86	12.45
February ...	3.81	4.31	2.12	1.65	1.82	4.19	4.45	.81	4.40	1.80	11.46
March .....	.56	1.86	4.20	4.60	3.84	1.03	2.85	2.70	1.34	3.24	10.13
April	2.76	1.32	1.07	3.91	1.32	1.43	2.53	1.66	.83	1.91	6.93
May	1.86	1.20	2.37	3.09	1.58	2.06	2.53	2.84	4.07	1.90	11.14
June	2.88	3.51	6.39	1.85	2.61	1.12	2.45	2.15	1.09	1.04	6.73
July	3.07	.74	4.52	.71	3.65	4.18	2.72	1.78	5.46	2.56	12.52
August	5.68	2.16	6.42	2.04	2.14	3.15	2.20	7.90	3.17	2.46	15.73
September ..	.27	3.33	2.18	1.48	1.74	.63	2.63	1.68	8.43	1.71	14.45
October ...	4.19	3.28	3.89	2.21	2.61	1.41	7.28	4.78	2.72	2.81	17.59
November ..	3.36	3.82	2.88	3.95	5.34	1.55	3.18	3.68	1.91	2.87	11.64
December ...	4.26	5.94	4.27	2.13	6.67	6.52	2.50	1.55	6.22	5.87	16.14
TOTALS ...	36.77	32.52	43.92	31.20	35.69	32.67	38.39	33.87	42.82	31.83	146.91

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Newton LimbleIDGECounty of N. YorksObserver C. F. Hensgell Esq C.E.River Basin Ouse-Warfe 10(1925) H. Shortness Esq. C.E.

Rain Gauge, by _____

Reads 100

Diameter ...	8											
Height	0 9											
Altitude ...	912											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Actual	1920-30 Total
January ...	4.54	5.72	4.07	2.76	2.37	4.15	3.54	3.64	5.25	1.92	6.08	47.04
February ...	2.98	4.4	3.60	5.56	1.16	5.80	3.42	1.57	4.15	.87	1.09	30.64
March	2.81	2.31	2.63	1.62	1.35	1.20	1.97	2.98	2.85	.46	1.84	22.02
April.....	4.78	1.39	3.16	2.49	1.90	3.53	1.61	2.15	1.11	1.59	3.79	28.50
May	4.41	2.29	1.18	3.83	4.98	5.77	3.11	1.83	2.15	1.75	1.74	32.04
June	1.90	10	1.90	1.08	2.39	.02	4.38	3.51	6.71	1.27	2.34	25.60
July	6.90	2.17	5.20	3.74	5.06	1.42	3.02	4.04	1.34	3.28	5.28	44.45
August	1.94	4.71	5.32	5.10	4.40	3.61	4.68	8.21	4.59	3.34	4.33	50.23
September...	1.49	1.46	3.91	4.18	4.31	2.88	2.47	4.73	.74	.75	4.01	30.93
October.....	2.97	2.66	1.11	5.15	3.95	4.37	4.11	4.21	5.12	4.49	4.25	42.39
November...	2.46	2.99	1.43	4.33	3.09	2.56	6.03	3.57	5.18	5.85	4.87	42.36
December...	3.55	5.05	3.15	3.88	4.05	4.08	1.93	2.26	2.43	8.05	3.22	41.62
TOTALS...	40.73	31.29	36.66	43.69	39.01	39.39	40.27	43.70	44.62	33.62	42.84	435.82

Position of Station on reduced Ordnance Survey }
Map, 2 miles to 1 inch Series

No. of Map _____

Reference No. _____

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

RAINFALL at Fewston (Timble Ings.)County of West RidingObserver H. Shortreed, Esq., C.F.River Basin Duse-Wharfe-10H. L. Fensholt Esq., C.E. (1939)

Type of Gauge

Annual Average 35.5 in. based on 33 years obs. ~~un~~weighted. Period of average 1881-1914 Ref 3

780902/27

Diameter	4.										
Height	0.9.										
Altitude	912.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total
January	2.94	3.63	1.83	2.95	2.25	5.42	5.61	6.05	5.91	(3.01)	39.60
February	3.89	3.2	6.70	2.8	5.94	3.36	7.11	2.67	3.96	(2.42)	35.55
March	4.0	2.76	2.29	2.99	1.48	2.97	4.11	1.34	2.81	2.84	23.99
April	4.05	3.23	1.62	3.61	2.76	1.89	3.05	.51	1.83	3.02	25.57
May	3.45	4.70	3.09	2.24	1.64	1.92	3.16	3.28	.91	2.15	26.54
June	7.16	1.00	3.22	2.14	3.52	4.60	3.10	3.80	2.92	.56	32.02
July	4.76	4.61	2.48	1.96	1.90	4.83	2.78	3.52	5.86	5.17	37.87
August	4.16	1.47	0.56	2.08	2.32	2.94	1.12	4.09	1.58	1.78	22.10
September	5.23	4.07	2.03	2.26	6.48	3.88	1.86	2.38	1.84	3.21	33.24
October	1.46	5.89	3.93	4.27	8.00	3.10	2.63	7.41	5.12	3.78	45.09
November	5.38	3.00	3.00	2.08	6.66	4.66	2.14	4.80	7.80	5.28	44.80
December	1.94	1.46	0.81	6.58	3.50	3.96	3.60	5.71	3.74	3.85	35.15
TOTALS	44.82	35.64	30.56	33.44	46.45	43.53	40.27	45.46	44.28	37.07	401.52

1940. Jan. & Feb. corrected for snow.

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

Station No. T.F. 3329

RAINFALL at Fenton (Tumble Gage) ✓

41

County of West Riding Observer K. L. Foster Esq. C.E.River Basin Awse Wharfe 10

Type of Gauge

Annual Average 25.5 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 788902/27

Consider with day 1899. record missing

Diameter	8"		0.63	1.03				5"			
Height	0' 9"			1							
Altitude	912'			41							
Year	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Means 1911-20 Totals
January	4.66	6.54	5.36	5.37	4.81	4.19	3.10	8.85	1.90	2.61	47.39
February	6.34	1.79	2.83	2.24	5.37	3.69	4.14	2.69	2.76	7.18	39.03
March	4.20	3.32	1.05	5.9	1.61	1.75	5.98	2.11	1.94	1.61	24.16
April	2.64	1.53	2.44	3.88	3.09	1.60	3.77	3.04	3.46	3.70	29.21
May	1.79	3.00	2.85	1.76	3.26	2.90	3.31	1.19	2.18	2.86	25.10
June	.30	1.30	2.90	2.73	4.49	2.53	3.96	3.67	.91	1.70	24.49
July	2.11	2.76	2.00	4.26	2.74	3.71	2.01	1.95	2.91	3.92	28.37
August	4.46	3.54	4.54	3.33	4.18	5.70	.80	4.81	2.83	6.78	40.97
September	.59	2.71	4.75	6.33	2.35	6.91	1.99	2.97	1.53	6.04	36.17
October	5.83	3.75	2.32	3.90	5.81	1.75	1.62	2.52	4.69	2.56	34.75
November	3.39	1.73	3.25	7.23	.55	6.10	5.01	2.12	6.06	5.13	40.63
December	1.49	3.44	2.10	3.74	2.46	2.93	4.05	3.97	7.26	2.67	34.01
TOTALS	37.80	35.47	36.39	45.42	40.72	43.76	39.74	39.89	38.43	46.66	404.28

18.10.17. Gauge changed from 8" to 5" diameter
 1918. Engineer thinks that new obs. who began with new gauge is more for improved catch.

 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.

Station No. 3329

T.S. 41

RAINFALL at 87 Newston (Limble Ings)

51

County of West Riding - Yorks.

Observer

K. L. Foster Esq. C.E.River Basin Ouse - Wharfe - 10

Type of Gauge

M.O.Annual Average 35.2 in, based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. S.W.S. E23380/51" " 41.27 " " 27 " " 1931-57 " " 1916-50 File No. T.S. 402/27

Diameter ...	5"			063	103							
Height ...	0'9"				1				1'0"			
Altitude ...	912'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.65	5.38	1.24	2.99	2.41	5.17	3.23	3.34	4.18	5.81	37.40	
February ...	4.65	1.23	3.18	3.20	2.63	2.32	2.83	8.93	.49	3.31	32.77	
March ...	4.47	2.76	1.27	2.26	2.43	1.86	3.36	2.18	1.49	2.31	24.39	
April ...	1.72	2.13	2.98	.75	1.50	2.85	.40	.86	4.24	2.10	19.53	
May ...	5.26	2.32	1.73	3.66	3.76	1.63	1.46	5.32	1.47	1.38	27.99	
June ...	1.27	3.04	1.99	2.14	2.73	3.18	1.89	5.46	1.54	1.52	24.76	
July ...	2.50	2.25	4.80	2.38	1.26	5.99	3.35	4.83	2.81	5.89	36.06	
August ...	6.38	5.58	5.06	7.36	1.22	8.26	5.09	3.97	.64	3.43	46.99	
September ...	3.24	4.96	3.32	3.36	2.13	5.61	5.27	4.54	.26	3.54	36.23	
October ...	1.35	4.42	2.61	5.93	3.08	2.18	4.63	2.85	3.83	7.01	37.89	
November ...	9.39	2.38	3.42	6.35	2.12	1.36	2.71	1.27	4.96	6.02	39.98	
December ...	6.07	3.20	1.83	5.30	5.39	4.03	4.02	5.74	6.54	4.89	47.01	
TOTALS ...	49.95	39.65	33.43	46.68	30.66	44.44	38.24	49.29	32.45	47.21	411.00	

Inst. II 1951/50K. One-inch rain gauge but turf-wall remaining good but slightly above
mm of gauge.

8 Turf-wall

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SE 156 526

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
	✓	✓	✓	✓	