

RAINFALL at

Early Sewage Works

County of W. Yorkshire

Observer

J. E. Aldersley Esq

River Basin

Ouse Aire

Hydrograph

Rain Gauge, by

R. J.

Diameter ...								5	6		
Height								1.9			
Altitude ...								426			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...								2.36	2.98	5.53	
February95	6.16	1.38	
March								2.44	1.39	5.18	
April								1.83	1.02	1.92	
May								1.72	1.40	1.71	
June								2.64	1.54	1.29	
July								2.11	4.19	1.90	
August								6.21	3.17	2.79	
September...								2.47	11.04	1.88	
October ...								6.80	3.55	2.15	
November ..								3.62	2.04	2.84	
December...								1.76	7.72	5.28	
TOTALS ...								34.91	46.20	33.85	

1918 Engine House 15 ft - 70 ft W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1918	53.53.20	20.8 W	Early	1/4 mile	SE	Early	1/4 mile	SW

RAINFALL at

Earby Sewage Disposal Works

County of W.R. Yorkshire

Observer J. E. Aldenley Esq

River Basin

Ouse - Aire 9

Flashy Rain Gauge, by Harling
New g. 1. IV. 18
(Gunnison) by N.Z.

Diameter ...	8								5		
Height	10								5		
Altitude ...	425										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. 1916-19 18 Feb
January ...		1.47	4.24	4.27	3.15	6.08	4.38	2.39	3.08	5.79	15.64
February ...		5.08	2.06	1.90	3.66	4.92	5.33	.93	6.25	1.46	13.97
March		1.91	4.53	6.06	4.68	1.04	3.32	2.63	1.40	5.35	12.70
April		2.23	.88	4.32	.92	1.86	2.73	1.86	*.99	2.06	7.64
May		3.06	2.24	2.79	2.05	1.79	2.57	1.78	1.41	1.77	7.53
June	2.75	4.17	6.54	2.59	1.90	1.06	2.45	2.64	1.59	1.35	8.06
July	3.87	.53	5.10	1.12	3.41	3.93	2.30	2.12	4.38	2.01	10.81
August	5.26	2.69	6.30	1.81	2.45	3.52	2.89	6.27	3.31	2.92	15.39
September ..	.37	3.98	1.86	1.56	2.49	1.21	1.73	2.55	11.50	2.06	17.84
October ...	8.80	3.95	4.42	2.17	2.12	1.58	9.33	6.27	3.89	2.25	22.34
November ..	3.89	5.48	3.50	4.58	5.99	2.39	3.45	3.68	2.21	3.04	12.38
December ...	3.89	5.90	5.18	2.72	8.10	6.81	3.17	1.68	8.26	5.70	18.81
TOTALS ...	imp 0	40.45	46.84	35.89	40.92	36.20	43.65	35.40	48.27	35.79	163.11
		imp 0	2	2	2	2			2	2	

1910 frozen 29 May.

1912 too high 12 ft high 10 gals S

1. IV. 18 and Gunnison g. substituted.

1917, Oct. corr. by web. 15 6.1090.

-BES. 23.7.58.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.5620	2.5 W	Earby	mid 3/4 m	S	Earby	1/4 m	S

RAINFALL at Earby Sewage Disposal WorksCounty of W. B. YorkshireObserver J. C. Aldersley Esq.River Basin Cuse - Aire 9(1925) L. H. Poole Esq.
(1927) H. Fitchard, Esq. & Co.
Eng. & Surveyors EarbySnarwood Rain Gauge, by N. 97
h.o. (27)

Diameter ...	5"												
Height	1 0									1 9			
Altitude ...	425												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 TOTALS	
January ...	4.88	8.19	3.80	3.55	3.17	4.43	5.22	4.11	10.39	1.68	7.05	56.47	
February ...	3.68	3.7	5.29	4.92	7.2	5.94	3.90	1.62	6.69	4.6	6.2	34.19	
March	3.71	3.67	3.15	2.14	1.26	1.17	1.83	3.47	2.85	81	2.90	26.96	
April	5.55	1.44	2.82	3.38	1.69	3.20	1.88	3.00	.97	.88	2.50	27.31	
May	5.59	1.95	1.35	3.52	6.71	4.51	3.33	1.49	.83	2.87	1.61	33.76	
June	2.02	.62	2.35	1.22	2.92	.03	2.45	3.63	5.56	1.23	2.19	24.22	
July	7.64	2.69	5.26	4.01	4.29	1.33	2.60	4.33	1.89	3.14	6.56	43.74	
August	3.02	5.62	5.61	5.48	5.01	4.46	3.86	7.03	5.83	4.46	4.58	54.95	
September...	2.09	2.12	4.08	4.47	4.91	2.63	2.79	5.56	.86	1.75	2.79	34.12	
October	2.14	3.06	.70	6.66	4.36	4.90	5.22	4.89	4.93	4.71	5.20	46.77	
November...	3.06	2.44	2.37	7.07	2.80	2.46	7.11	4.63	6.65	7.02	5.63	51.24	
December...	4.01	6.65	4.46	3.16	5.11	4.48	1.28	1.51	2.67	10.43	3.14	46.90	
TOTALS...	47.39	35.82	41.21	49.58	42.95	39.54	41.46	45.27	50.22	39.44	44.75	480.6	

1920 Tool House 12 ft high 10 lbs

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 55' 20"	2° 20' 3"	Earby	3/4 mi	S	Earby	3/4 mi	S

RAINFALL at Earby (Sewage Works)County of West Riding Observer H. Pritchard, Esq., C.E.River Basin Ouse Aire - 9. The Surveyor (1932)Type of Gauge M.O. (+A)Annual Average 32.0 in. based on 22 years obs. un-weighted. Period of average 1881-1913 Ref. 5

740044/27

Diameter	5.											
Height	1.9.											
Altitude	426.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Local	
January	3.25	5.25	3.01	4.27	1.44	3.94	3.73	6.17	6.01	1.64	3871	
February	5.07	.12	4.01	.30	6.41	1.81	6.06	1.88	4.19	1.98	3183	
March	.44	2.96	2.35	2.72	1.35	1.79	2.10	1.01	2.02	2.48	1922	
April	2.58	3.28	1.28	2.19	2.79	1.20	2.73	.64	1.69	2.85	2123	
May	2.32	4.11	1.67	3.32	1.18	.90	2.06	4.05	0.72	1.43	2176	
June	5.87	1.13	2.36	2.82	3.49	2.96	1.92	3.99	4.21	.73	2947	
July	3.67	5.92	2.89	2.18	1.19	3.21	2.08	4.54	6.19	4.23	3610	
August	4.36	1.27	0.81	3.09	1.28	2.25	1.75	5.96	2.46	1.53	2471	
September	2.50	5.05	2.14	3.72	7.85	4.06	1.22	1.23	1.06	4.38	3321	
October	2.31	6.35	3.53	4.00	9.34	3.60	1.86	10.64	2.77	3.95	4835	
November	6.89	3.11	1.47	1.67	4.70	3.90	1.54	5.43	7.19	7.18	4308	
December	2.43	1.91	0.46	5.25	2.89	4.76	1.44	4.40	3.20	3.55	3028	
TOTALS	41.69 D	40.46 D	25.96 D	35.53 D	43.91 D	34.38 D	28.49 D	49.94 D	41.71 D	35.93 D	37800 D	

1931. Tool house 12' high 10 yds S.

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			Earby	3/4	S	Earby	1/4	S.

Station No. **3300**RAINFALL at Earby (Sewage Works)

41

County of West Riding Observer The SurveyorRiver Basin Ouse - Aire - 9Type of Gauge M.O. (+A)Annual Average 32.5 in. based on 22 years obs. not weighted. Period of average 1881-1915 Ref. SFile No. 740044/27

Diameter	5"			074	091							
Height	1' 9"				1							
Altitude	426'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.24	3.36	6.06	6.33	4.38	5.19	3.85	8.38	2.43	2.83	44.05	
February	3.56	1.10	2.79	1.51	5.72	5.61	1.13	3.28	3.38	8.18	36.28	
March	3.47	3.50	1.45	.51	1.80	1.25	5.48	2.42	1.19	1.98	23.02	
April	1.78	1.54	2.45	3.43	3.45	1.10	4.43	2.11	4.70	3.04	28.03	
May	2.06	2.41	2.90	2.76	4.57	1.31	2.76	1.53	2.52	2.12	24.94	
June	.40	.93	3.75	2.52	3.98	2.74	2.62	4.60	.43	2.72	24.69	
July	1.92	3.67	3.46	3.00	2.53	3.83	3.36	1.57	2.54	3.42	29.30	
August	4.34	4.80	4.85	2.34	3.29	9.03	.19	5.07	3.67	6.80	44.41	
September	.61	2.40	3.83	5.45	2.67	6.79	3.32	3.50	1.18	6.78	36.50	
October	6.34	5.43	2.97	4.31	6.84	1.01	.86	2.71	5.27	3.63	39.40	
November	2.71	1.49	2.68	8.55	.35	6.30	6.70	3.25	5.45	5.39	40.87	
December	2.35	3.93	2.19	4.53	2.30	4.03	3.25	3.44	8.62	2.16	36.80	
TOTALS	30.86	34.56	39.38	45.24	41.88	48.19	37.95	41.86	41.38	48.89	410.29	

1941 Tool House 12' high 10 yds. S.

1950. Annual total can be taken as 1.090

B.S. 7.8.53.

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.
1941			Earby L.M.S.	3/4 mile	S.	Earby	1/2 mile	W.
1949			"	"	"	"	"	S.

BRITISH RAINFALL ORGANIZATION

Station No. 3300

RAINFALL at

Earby (Sewage Works)

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County of West Riding - Yorks

Observer

J. E. Surveynor

River Basin Ouse - Aire - 9

Type of Gauge

M.O. (+A) - 7

Annual Average 39.3 in. based on 20 years obs. un-weighted.

Period of average 1881-1915

Ref. PB. 612.

40.92 - 35 - 1916-1950

1916-1950

File No. 740044/27 P

Diameter ...	5'			074	091							
Height ...	1'9"				1							
Altitude ...	426'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	4.80	5.34	1.09	3.34	2.32	5.35	5.05	4.19	3.70	5.07	40.25	
February ...	4.19	.93	2.04	2.71	1.67	1.16	3.23	6.30	.35	2.76	25.34	
March ...	4.69	2.48	1.79	2.69	1.78	1.70	3.39	1.32	1.74	1.32	22.90	
April ...	2.74	2.79	3.42	.73	1.78	3.11	.39	1.16	2.36	2.36	20.84	
May ...	2.13	1.62	1.78	2.79	3.26	1.72	1.27	5.46	.92	1.41	22.36	
June ...	1.54	2.40	2.03	2.50	2.40	2.93	1.90	4.59	2.59	1.15	24.03	
July ...	2.63	1.54	4.92	4.04	1.11	4.10	4.94	3.25	2.62	6.40	35.55	
August ...	4.24	5.33	5.14	6.48	1.15	8.91	4.98	4.00	.67	3.57	44.47	
September ...	3.49	3.45	3.01	5.67	2.88	3.72	4.76	4.42	.24	2.41	34.05	
October ...	1.58	3.54	1.74	8.50	2.22	3.02	5.64	3.58	5.00	3.17	37.99	
November ...	7.10	1.69	5.01	6.46	2.31	1.28	1.67	1.34	4.93	8.13	39.92	
December ...	9.57	3.78	2.22	5.82	5.73	4.91	4.62	4.30	8.56	5.22	54.73	
TOTALS ...	48.70	34.89	34.19	51.73	28.61	41.91	41.84	43.91	33.68	42.97	402.43	
	D	D	D	D	d	d	D	D	D	D		

1951. Tool house 15' high 10' x 5.

1956 Tool house 12' at 10' x 5.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference (34)909472

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Earby	3/4 m.	S	Earby	1/4 m	S.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	Comp 1910	✓	✓	✓	
	but 11, 16-17	✓	✓	✓	