

RAINFALL AT *Winterburn Long Hill*Lat.  $54^{\circ} 2' 15''$ Lon.  $2^{\circ} 4' 20''$ 

County of

*York**Cause - Acre 9**Old Gauge*

Rain Gauge, by

Observer

*Leeds Liverpool Canal Co  
R. H. White*

Diameter ....							8					
Height .....							10					
Altitude ....							705					
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....							4.95	2.27	2.03	1.70		
February ....							.88	1.34	1.52	2.40		
March .....							3.52	1.51	3.18	3.29		
April .....							2.66	1.49	1.92	2.27		
May .....							3.80	2.38	1.31	2.41		
June .....							1.86	.20	2.62	.59		
July .....							4.06	1.84	5.65	3.33		
August .....							1.95	1.93	5.06	6.39		
September....							3.80	6.38	1.36	1.82		
October .....							5.49	2.48	1.37	4.59		
November ....							4.00	3.14	7.20	1.59		
December ....							4.78	2.42	2.42	2.47		
TOTALS ....							41.50	27.38	35.64	32.85		

Lat.  $54^{\circ} 2' 15''$ Long.  $2^{\circ} 4' 50''$

# RAINFALL AT Wintburn Long Hill

Lat. 54° 2' 10"

Lon. 2° 4' 20"

County of York

Rise. Acie 9  
Old Gauge

Rain Gauge, by

Observer

Leeds & Liverpool Canal Co  
R.H. White

Diameter ....	8											
Height .....	1.0											
Altitude ....	705											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	5.21	2.90	2.37	1.38	4.28	2.47	2.41	1.41	3.07	6.17	2.167	
February ....	.60	.43	3.07	5.30	6.87	.79	1.60	3.14	3.06	2.64	2.750	
March .....	3.36	1.77	.71	1.26	4.19	3.56	5.10	5.00	2.39	2.15	2.949	
April .....	1.20	1.89	1.93	.64	1.93	2.52	1.84	1.96	2.66	3.85	2.042	
May .....	2.30	2.08	4.53	2.51	1.89	.55	.34	2.07	2.10	3.54	2.191	
June .....	3.60	1.13	4.70	2.63	2.91	2.33	2.85	3.86	2.97	1.72	2.870	
July .....	3.63	4.31	2.36	3.40	3.65	5.95	2.92	1.45	1.13	3.31	2.211	
August .....	6.63	7.56	7.12	4.88	3.71	4.22	1.77	7.17	5.28	1.74	5.008	
September....	2.46	3.00	3.86	4.21	.29	2.23	5.48	4.56	1.02	5.40	2.251	
October .....	2.64	4.25	6.41	5.13	4.38	4.71	4.00	2.27	4.95	2.67	4.141	
November....	5.08	4.66	2.28	2.26	3.42	3.04	1.24	3.11	3.22	2.67	3.098	
December ....	.89	7.02	2.01	4.23	3.81	4.08	4.96	5.27	4.15	3.35	2.977	
TOTALS ....	37.60	41.00	41.35	37.83	41.33	36.45	34.51	41.27	36.00	39.21	38.658	

# RAINFALL AT Winteburn Long Hill

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

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

County of York

Rain Gauge, by Case and New

Observer Leeds Liverpool Canal Co  
RH White

Diameter . . .	5											
Height . . . . .	10											
Altitude . . . .	705											
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January . . . .	5.09											
February . . . .	59											
March . . . . .	3.12											
April . . . . .	1.16											
May . . . . .	2.32											
June . . . . .	3.59											
July . . . . .	3.58											
August . . . . .	6.61											
September . . .	2.32											
October . . . . .	2.50											
November . . . .	5.10											
December . . . .	.97											
TOTALS . . . .	36.95											

1889 c. Oct 4.82 in Nov. 1.55 in Dec. 2.43 in.



# RAINFALL AT *Winterburn Long Hill*

Lat. *N 54° 2' 15"*

Lon. *W 2° 4' 50"*

County of *York & R. Central*

Rain Gauge, by

Observer *Leeds & Liverpool Canal Co*

*R. H. White Esq*

*Rise - Rise 9*

Diameter ..	8										
Height ....	0 9										
Altitude ..	705										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.28	1.80	2.04	4.29	2.98	1.59	3.41	1.08	3.13	1.09	2.569
February ..	3.50	1.27	1.62	3.50	2.93	1.37	1.84	1.51	1.90	1.33	2.077
March ....	.44	2.97	2.40	5.45	2.24	2.46	2.01	2.75	3.46	3.05	2.723
April .....	2.10	2.43	1.88	1.89	2.34	2.18	.81	1.26	3.06	2.98	2.093
May .....	1.89	1.43	2.63	2.20	2.86	.44	3.69	3.39	2.41	2.08	2.302
June .....	3.91	1.51	1.25	2.05	1.15	2.31	2.27	5.28	1.56	2.45	2.374
July .....	3.13	1.17	3.72	3.67	1.79	.89	1.47	2.45	4.29	4.46	2.704
August ....	5.51	3.54	2.40	4.06	3.45	3.20	4.05	2.80	2.31	3.00	3.432
September ..	1.50	1.84	1.66	4.93	1.10	2.83	.92	.72	3.24	2.57	2.131
October .....	6.04	2.42	3.51	9.05	1.18	2.12	6.25	4.37	2.72	3.27	4.093
November ..	5.40	4.10	2.54	2.19	2.19	3.86	3.60	2.87	2.02	1.29	3.006
December ..	4.58	5.70	3.01	2.81	2.67	.69	2.07	3.93	2.46	6.10	3.402
TOTALS ..	42.28	30.18	28.66	46.09	26.88	23.94	32.39	32.41	32.56	33.67	32.906

*H. H.*

RAINFALL at Winterton Long HillCounty of W YorkshreObserver Leeds & Liverpool Canal CoRiver Basin Onne - Aire

9

Rain Gauge, by

Diameter ...	8										
Height .....	0 9										
Altitude ...	705										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.29	1.47	4.18	4.50	3.06	5.52	3.65	2.67	3.68	4.46	
February ...	3.04	4.52	2.11	1.67	3.20	5.11	4.49	.92	6.20	1.71	
March .....	.65	1.91	5.30	4.96	4.37	1.46	3.22	2.58	1.86	4.61	
April .....	2.78	1.86	.73	3.68	1.15	1.50	2.60	1.81	.92	2.26	
May .....	1.73	2.04	2.19	2.88	2.31	1.65	2.35	2.16	2.07	1.48	
June .....	2.53	2.62	7.41	1.99	2.46	2.01	2.56	3.34	1.82	1.21	
July .....	3.47	.71	5.28	1.11	3.51	4.10	4.72	1.99	6.88	2.86	
August .....	5.59	2.78	6.13	2.06	2.69	3.14	3.94	8.23	4.27	3.16	
September ..	.37	3.78	2.45	1.81	2.37	.74	2.16	2.56	10.87	1.82	
October ...	3.68	3.06	4.28	2.05	2.45	1.50	10.09	6.97	3.81	2.68	
November ..	4.14	4.00	3.12	4.07	5.19	2.30	4.19	3.26	2.21	3.09	
December ...	3.83	5.08	5.29	2.36	7.07	6.42	3.25	1.96	7.14	5.68	
TOTALS ...	36.10	33.83	48.47	33.14	39.83	35.85	47.22	38.44	51.13	34.65	

Date.

Lat. N.

Long.

Railway Station.

Distance.

Direction.

Church.

Distance.

Direction.

<sup>45</sup>  
 54.2.15 N 2.4.50 W

RAINFALL at Winterton Long HillCounty of N. YorkshiresObserver Leeds & Liverpool Canal Co.River Basin Cuse. Aire 9per R. Sanderson (Eng.)Glaisher Rain Gauge, by  
(127)

Diameter ...	8										
Height .....	0 9									1 0	
Altitude ...	705										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	4.79	7.62	3.94	4.06	3.30	4.30	4.91	4.34	9.74	2.36	5.97
February ...	3.31	2.8	4.76	5.64	.84	5.73	4.48	2.01	4.83	.96	.50
March .....	3.23	3.40	3.01	2.66	1.36	.97	1.30	3.28	3.42	.60	2.50
April .....	4.62	1.29	2.58	3.24	1.69	3.11	1.13	4.16	1.12	1.32	3.02
May .....	4.43	1.96	.90	3.54	6.84	5.20	3.66	1.89	1.24	1.47	1.68
June .....	1.99	.46	2.33	.95	2.22	.11	2.03	3.52	5.41	1.64	1.92
July .....	7.71	2.49	5.73	4.40	4.94	1.67	3.66	7.20	1.97	3.57	4.57
August .....	2.72	5.47	4.29	5.92	6.52	5.38	4.67	7.23	7.32	4.94	4.83
September...	2.31	2.66	4.74	4.66	4.40	3.51	3.11	5.83	0.69	1.70	2.92
October .....	2.60	2.80	1.11	6.61	4.61	5.40	4.46	4.30	6.22	5.23	5.91
November...	3.25	3.00	2.53	5.43	3.38	2.14	7.17	5.12	5.53	5.41	4.88
December...	4.34	6.45	3.90	3.79	4.62	3.92	1.62	1.40	2.91	7.77	3.62
TOTALS...	45.30	37.88	39.82	50.90	44.42	41.47	42.20	50.28	50.40	36.97	42.32

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	54° 2' 15"	2° 4' 50"						



RAINFALL at Winterburn (Long Hill)County of West RidingObserver Leeds & L'pool Canal Co.,River Basin Duse - Aire - G.Type of Gauge GlaisherAnnual Average 37.8 in. based on 45 years obs. un-weighted. Period of average 1881-1915 Ref. S

749124/27

Diameter	8.										
Height	1.0.										
Altitude	705.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.55	5.00	3.23	4.29	1.25	3.27	3.29	5.22	5.57	8.4	
February	4.60	.28	3.51	.25	5.10	2.18	5.87	1.74	3.63	2.51	
March	.47	3.03	2.47	2.99	1.48	2.20	2.30	1.16	2.49	3.19	
April	3.45	4.09	2.23	2.99	3.65	1.14	2.91	.77	1.72	2.37	
May	2.94	3.73	2.39	3.33	.64	.97	2.74	2.92	0.85	1.23	
June	6.95	2.50	2.51	2.87	3.22	3.91	2.12	3.84	3.62	.60	
July	4.30	7.27	3.98	2.47	1.52	4.44	2.93	4.65	6.94	4.56	
August	4.21	1.21	7.72	3.74	1.79	3.45	1.69	4.18	2.35	1.84	
September	2.79	5.39	1.85	3.13	7.04	4.69	2.12	1.58	1.82	4.65	
October	2.08	7.01	3.59	4.45	6.66	3.41	3.41	10.49	2.45	3.65	
November	7.83	3.48	2.37	1.37	3.69	4.86	.96	4.96	6.14	5.95	
December	2.52	2.37	0.78	6.39	2.28	3.71	2.02	4.11	2.86	4.53	
TOTALS	46.19	45.36	30.63	38.27	38.32	38.43	32.41	45.62	40.44	35.92	

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. 3310

RAINFALL at Winterburn (Lang Hill)

41

County of West Riding Observer Leeds &amp; Tidal Canal Co.

River Basin Great Ouse &amp; Don Dares &amp; Tidal Waterways

Type of Gauge Glasgow Standard

Annual Average 37.2 in. based on 45 years obs. un-weighted. Period of average 1881-1925 Ref. S

File No. 670003/76  
749124/27

Diameter	8"		073	211							
Height	1' 0"			1							
Altitude	705'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.24	3.63	5.80	4.41	2.97	3.48	(4.90)	8.73	2.18	2.58	
February	3.40	1.70	2.57	1.74	5.01	4.14	(4.00)	3.36	7.28	6.57	
March	3.31	2.58	1.22	.49	1.51	1.28	(7.50)	1.49	1.75	1.85	
April	1.85	1.53	2.10	3.20	3.42	1.42	4.27	2.41	4.35	3.25	
May	1.64	2.80	3.15	1.88	4.29	1.48	3.50	1.97	2.25	1.84	
June	.64	1.01	4.03	2.39	3.28	2.84	3.26	4.92	.92	2.93	
July	1.72	4.06	2.43	3.88	2.47	4.22	2.99	1.05	3.97	4.02	
August	5.85	4.01	5.51	1.61	3.20	6.37	.25	4.26	2.67	6.63	
September	.56	2.54	4.46	7.33	3.28	6.53	2.83	4.06	1.09	6.06	
October	6.14	3.83	2.82	4.19	6.06	1.66	1.28	1.96	5.59	3.75	
November	3.09	1.41	2.30	6.78	.59	5.70	6.12	2.65	5.66	4.99	
December	2.54	3.94	2.29	3.67	2.87	3.10	2.88	3.07	7.67	2.30	
TOTALS	32.26	33.04	38.68	41.57	38.95	42.22	(43.78)	39.93	41.38	46.77	

1942 n.p. low.

1943 n.p. low

1944 n.p. low.

1945 n.p. low.

1946 n.p. low.

1947 Jan. Feb. mar. cold for snow. Farm House 20' high 440' x 5.

Gauge to be inspected

70004

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.
June 1947			Ryestown	2 1/2 mi.	SE.	Ryestown	3 mi.	SE.

BRITISH RAINFALL ORGANIZATION



Station No. 2310RAINFALL at Winterburn (Long Hill)

51

County of West Riding - Yorks.Observer BRITISH  
Islands WaterwaysRiver Basin Dixie - Aire - 9Type of Gauge Snowdon B. A.Annual Average 37.8 in. based on 45 years obs. in-weighted. Period of average 1881-1915 Ref. SFile No. 670003/26 749/14/27 E16427/53

Diameter ...	8"		073	811				5"			
Height ...	1'0"			1				9"			
Altitude ...	705'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.48	3.74	1.22	3.65	2.19	3.78	4.57	4.50	3.64	5.02	
February ...	3.31	1.31	1.92	2.96	1.87	1.51	3.67	5.63	.62	2.60	
March ...	3.48	3.07	.97	2.49	2.02	(2.02)	3.68	2.10	2.02	1.45	
April ...	2.34	2.48	2.49	1.05	2.05	2.21	.50	1.82	2.82	2.23	
May ...	2.43	2.15	2.20	3.37	3.72	2.26	1.91	6.28	.58	1.68	
June ...	1.46	2.84	3.00	3.68	3.07	3.15	2.07	6.15	2.16	1.93	
July ...	3.22	2.07	5.51	4.69	.81	5.44	4.09	3.71	2.29	8.24	
August ...	4.16	5.74	5.93	6.09	1.28	(10.36)	6.07	5.69	.49	4.96	
September ...	3.45	3.95	3.77	5.69	2.63	4.12	6.09	5.62	.30	3.87	
October ...	1.70	4.01	1.83	9.13	2.69	2.59	6.13	4.87	4.07	4.94	
November ...	8.47	2.06	4.73	6.21	2.30	1.38	2.26	2.11	5.25	8.99	
December ...	8.00	3.51	2.12	5.12	5.61	(4.75)	3.92	5.53	8.04	5.57	
TOTALS ...	46.50	36.93	35.69	54.13	30.24	(43.57)	44.96	54.01	32.28	51.48	
	D	D	D	D	d	d	np	4Trit	d np	d pint	

1951. Farm house 20' high 440x5. 10214  
 1956. Dec, Mch, Aug. part for M.O. by apries  
 1957. Apr. 1958. 600. g. in v. poor condition. New g. ordered. Turf well recommended as site overexposed.  
 Weekly readings only, after 30/4/58 D.F.N.  
 1957-58. Poor inspection report. 1959. np has 4 unreliable.  
 1958. Part. 1960. Pint.

an. av. 41.98 in. based on 28 yrs. obs. within 1916-57. o.k. 5" low. Period of av. 1916-50-5 - **Rejected.**

Position of Station on Ordnance One-Inch map :

No. of Map 20National Grid Reference ED.946604

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Rylstone	2 1/2 m SE	Rylstone	3 m. SE

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19 (B)	1920-30 (B)	1931-40 (B)	1941-50 (B)	1951-60
	✓	✓	✓	1 np 42-46 D 49-50	