

RAINFALL AT *Lepturn Bolton Hall*

Lat. Lon. County of *York N.R.*

Rain Gauge, by Observer *N. E. Hall*

Diameter.			8								
Height.			8								
Altitude.			<i>420</i>								
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.			<i>5.33</i>	<i>5.12</i>	<i>3.11</i>	<i>4.29</i>	<i>.73</i>	<i>6.76</i>	<i>3.27</i>	<i>.32</i>	
February.			<i>3.66</i>	<i>1.47</i>	<i>1.52</i>	<i>1.12</i>	<i>3.96</i>	<i>2.56</i>	<i>1.32</i>	<i>3.18</i>	
March.			<i>4.24</i>	<i>2.88</i>	<i>2.76</i>	<i>1.23</i>	<i>5.27</i>	<i>3.40</i>	<i>.50</i>	<i>1.29</i>	
April.			<i>4.29</i>	<i>.67</i>	<i>1.81</i>	<i>1.36</i>	<i>3.34</i>	<i>3.65</i>	<i>2.97</i>	<i>1.43</i>	
May.			<i>1.08</i>	<i>1.73</i>	<i>.99</i>	<i>1.58</i>	<i>.81</i>	<i>1.94</i>	<i>3.98</i>	<i>1.96</i>	
June.			<i>2.76</i>	<i>.80</i>	<i>.28</i>	<i>3.11</i>	<i>1.57</i>	<i>.86</i>	<i>2.88</i>	<i>2.60</i>	
July.			<i>4.57</i>	<i>1.83</i>	<i>.81</i>	<i>3.95</i>	<i>1.34</i>	<i>3.31</i>	<i>.30</i>	<i>4.54</i>	
August.			<i>4.16</i>	<i>2.07</i>	<i>2.95</i>	<i>2.54</i>	<i>2.74</i>	<i>5.26</i>	<i>4.77</i>	<i>4.35</i>	
September.			<i>5.51</i>	<i>1.67</i>	<i>3.69</i>	<i>3.17</i>	<i>3.27</i>	<i>2.89</i>	<i>.39</i>	<i>1.79</i>	
October.			<i>5.47</i>	<i>2.41</i>	<i>3.61</i>	<i>5.08</i>	<i>3.16</i>	<i>3.18</i>	<i>2.70</i>	<i>1.06</i>	
November.			<i>7.49</i>	<i>2.65</i>	<i>2.52</i>	<i>6.15</i>	<i>3.95</i>	<i>5.77</i>	<i>4.44</i>	<i>1.58</i>	
December.			<i>6.27</i>	<i>.79</i>	<i>4.59</i>	<i>2.41</i>	<i>9.73</i>	<i>3.44</i>	<i>2.02</i>	<i>1.88</i>	
TOTALS.			<i>55.05</i>	<i>24.09</i>	<i>28.64</i>	<i>35.99</i>	<i>39.81</i>	<i>43.02</i>	<i>29.44</i>	<i>25.98</i>	

RAINFALL AT *Layburn, Bolton Hall*

7425

80

Lat. Lon. County of *York N.B.*
 Rain Gauge, by Observer *W. E. Hall*

Disc. No 1.

Diameter				8							
Height				8							
Altitude ...				420							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	93 (1.00)	3.41	5.71	2.55	1.90	5.75	2.75	1.35	.89	2.624	
February	2.09	4.46	1.83	3.13	2.76	2.30	841.68	1.84	1.72	2.265	
March	58	3.45	3.21	3.08	2.21	1.95	4.16	1.85	5.53	3.37	2.939
April	2.29	1.04	3.83	2.09	1.88	2.37	3.02	1.01	2.40	5.00	2.493
May	1.89	1.09	2.29	1.35	1.80	1.79	5.11	1.35	1.35	2.11	2.013
June	2.54	1.82	3.39	2.27	.70	1.75	.65	.08	1.90	.10	1.520
July	4.34	1.03	4.46	2.18	4.53	4.5	3.71	1.66	4.66	2.77	2.979
August	2.54	4.45	2.18	1.22	.98	1.58	1.59	2.16	2.60	4.47	2.377
September....	5.14	3.77	3.29	4.14	1.57	2.66	2.24	3.80	.81	.50	2.792
October	6.77	4.99	4.19	4.36	2.01	5.50	5.72	2.22	1.19	6.10	4.305
November....	5.00	4.37	4.69	2.19	1.51	2.90	3.76	3.66	7.84	1.04	3.696
December	5.21	3.66	3.14	2.40	4.59	1.10	5.40	2.65	1.54	1.33	3.102
TOTALS	39.32	35.13	39.91	34.12	27.09	26.25	41.95	24.87	33.01	29.40	33.105

1881 Amount for Jan. not recorded, probably owing to heavy S.
 1885 Wensley Church 1 mile E
 Hall 48ft high 100 ft S

RAINFALL AT

Lepburn, Bolton Hall

80

Lat.

Lon.

County of *York N.R.*

Rain Gauge, by

Observer

W. S. Hall

Desc. No. 1

Doc. No. 1											
Diameter							5				
Height							1.0				
Altitude							420				
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							5.26	2.47	1.30	89	
February							76	1.82	1.91	1.90	
March							3.31	1.56	5.73	3.35	
April							2.61	1.31	2.48	4.73	
May							4.74	1.55	1.45	2.14	
June							92	.12	2.00	19	
July ..							3.71	1.78	4.50	2.55	
August							1.69	2.24	2.31	4.57	
September....							1.70	3.73	.94	.51	
October							5.43	2.26	1.02	5.83	
November....							3.69	3.55	7.64	1.09	
December							4.55	2.57	1.46	1.27	
TOTALS							38.27	24.96	32.74	29.02	

RAINFALL AT

Leyburn Bolton Hall

Lat. _____

Lon. _____

County of York NR

Cause. We. 1 Rain Gauge, by _____

Observer. M. E. Hall

Monthly

W. F. Scrivener

Diameter	8											
Height	8			10								
Altitude	420											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January,	4.33	1.99	1.65	1.90	4.12	4.78	.94	1.52	1.58	5.34	2.815	
February	1.30	.10	3.23	4.35	5.83	.94	-.76	3.16	2.64	2.12	2.118	
March	2.40	1.67	1.06	1.11	3.19	3.37	4.16	5.49	2.42	1.45	2.632	
April	1.01	4.00	1.50	.58	1.82	2.37	1.18	1.60	2.68	3.21	1.995	
May	2.15	2.68	2.87	2.04	2.23	.67	.47	1.01	2.40	3.57	2.009	
June	2.78	.87	3.40	1.75	3.09	2.39	4.13	2.75	1.74	1.44	2.134	
July	2.49	3.71	1.39	2.76	1.80	7.42	2.18	.65	.77	2.78	2.595	
August	5.28	4.58	4.21	2.23	2.13	2.36	1.45	3.71	3.20	1.13	3.028	
September....	1.79	2.59	1.99	1.96	.79	1.21	5.06	2.10	1.08	4.66	2.323	
October	1.27	4.34	8.42	2.16	5.37	3.53	4.19	1.97	5.31	3.40	3.995	
November....	4.37	3.94	1.49	2.18	1.60	6.34	1.53	2.33	3.11	3.28	2.017	
December	1.33	5.24	1.00	3.29	2.93	3.30	4.33	4.42	3.70	2.89	3.243	
TOTALS	30.50	35.71	32.21	26.30	34.90	38.68	30.38	30.71	30.63	35.27	32.529	

1895 Wensley Church 1 mile E

RAINFALL AT *Leyburn Bolton Hall*

Lat. _____

Lon. _____

County of *York N.R.*

Rain Gauge, by _____

Observer *Mr E. Hall*

Cause - No 1.

Mr F. L. Lister

Diameter	5										
Height	1 0										
Altitude	420										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.61	1.94	1.65								
February	1.32	.11	3.23								
March	2.44	1.67	1.06								
April	1.08	3.95	1.50								
May	2.19	2.70	2.87								
June	2.79	.97	3.40								
July	2.32	3.72	1.39								
August	5.34	4.59	4.21								
September....	1.74	2.62	1.99								
October	1.25	4.40	8.42								
November....	4.39	3.96	1.49								
December	1.34	5.27	1.02								
TOTALS . . .	30.81	35.90	32.24								

RAINFALL AT Leyburn Bolton Hall

Lat.

Lon.

County of York N.R.

Rain Gauge, by

Observer Mr F. Scrimmerone, line - 1.

Diameter ..	8											
Height	10											
Altitude ..	420											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ...	3.52	2.22	1.08	4.73	2.60	.89	4.30	1.48	2.40	2.31	2.553	
February ...	5.94	1.22	1.27	4.14	3.34	1.96	2.06	2.23	2.83	1.30	2.629	
March	1.04	3.76	1.42	5.54	2.12	2.67	2.17	2.65	5.25	5.28	3.190	
April	1.62	2.35	1.59	.86	2.71	2.94	.38	1.25	3.01	2.39	1.910	
May	1.68	.80	2.91	4.78	3.85	.12	4.60	4.35	2.13	1.44	2.666	
June	2.59	1.41	1.40	1.76	1.42	1.23	1.04	3.26	1.36	2.72	1.819	
July	1.66	3.61	2.25	2.49	1.68	.66	1.07	2.40	3.66	2.38	2.186	
August	6.00	1.67	1.97	2.35	2.80	3.89	4.37	1.65	2.41	3.43	3.054	
September ..	.49	1.29	1.12	3.61	.67	2.20	.32	.36	3.31	2.38	1.575	
October	5.74	1.97	3.31	8.98	.51	1.81	5.64	7.00	1.98	3.15	4.009	
November ...	3.58	5.95	2.50	1.48	2.20	5.54	3.65	2.25	2.00	1.17	3.032	
December ...	3.34	5.17	3.53	2.48	1.82	.83	2.99	4.15	1.45	5.18	3.094	
TOTALS ...	37.20	31.42	24.35	43.20	25.72	24.74	32.59	33.03	31.79	33.13	31.71	34.2

1900 Wensley Church 1 Mile NE

1903 Station 1 NE

H. H. H.

RAINFALL at Leysburn Bolton Hall

County of N.R. Yorkshire

Observer Mr F. Schwenner

River Basin Gwas. Ure 1

Rain Gauge, by

048417 10 3423

Diameter ...	8											
Height	10											
Altitude ...	4207											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	1901-19
January ...	4.78	2.02	4.16	5.05	2.14	4.39	3.12	3.22	3.42	5.00	37.30	1476
February ...	4.54	2.91	2.65	1.61	3.73	6.39	5.13	.64	4.02	2.60	34.22	1239
March .....	.84	2.08	3.24	6.96	2.33	1.20	5.15	2.70	1.46	4.61	30.57	1332
April	3.16	1.24	.34	4.10	1.02	.94	1.22	2.87	1.00	1.00	17.69	689
May	1.91	1.29	2.44	2.50	1.65	1.62	2.76	1.96	2.21	1.43	19.77	836
June	1.77	2.64	5.67	1.19	4.07	.43	2.13	1.85	.64	1.00	21.39	562
July	2.57	.10	4.75	1.18	2.66	3.86	2.13	1.47	5.85	2.51	26.78	1166
August	3.67	1.91	4.85	1.18	1.44	3.14	2.69	6.58	3.37	2.57	31.40	1521
September ..	.15	2.84	1.73	1.66	1.77	.50	2.45	1.20	6.63	.81	19.44	1109
October ...	3.81	2.80	2.87	2.66	1.91	.77	6.45	3.92	2.89	5.01	33.09	1827
November ...	4.29	5.44	2.31	2.75	5.05	2.46	4.45	1.66	2.09	4.28	34.48	1248
December ...	3.41	6.28	3.52	1.98	8.85	7.63	2.80	2.10	4.74	4.20	45.51	1384
TOTALS ...	34.90	31.55	38.53	32.82	36.62	33.33	40.48	30.17	38.02	35.82	352.44	1244

14449

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54	2	Wensley	1 mi	N.E.	Wensley	1 mi	E

RAINFALL at Layburn Bolton HallCounty of N. B. YorkshireObserver W. F. Scrivener joined toRiver Basin Guse-Ure 1and BoltonGlaisher Rain Gauge, by
(126)

Diameter ...	8											
Height	1	0										
Altitude ...	420											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean	
January ...	4.86	6.47	5.39	2.80	2.85	4.05	4.11	3.15	6.11	1.34	6.38	4751
February ...	1.95	.08	3.53	6.42	.58	5.27	2.71	1.43	3.62	1.07	1.23	2790
March	4.07	2.09	3.20	1.59	2.59	1.61	1.52	2.66	3.71	.11	2.88	2603
April	5.34	1.06	3.28	3.55	1.96	4.37	1.77	2.56	.74	1.37	4.60	3060
May	3.29	1.21	3.09	2.44	4.93	3.93	3.21	2.04	2.57	1.48	1.14	2933
June .....	.86	.36	1.46	.75	1.08	.05	2.39	2.67	5.04	1.39	1.04	1709
July	5.62	2.79	4.33	2.82	5.28	1.38	2.52	4.81	.66	2.82	4.60	2769
August	1.52	3.60	3.09	4.54	1.75	2.93	3.35	8.33	5.41	2.72	6.77	4401
September...	1.37	1.57	5.15	2.87	3.21	2.44	3.06	5.06	.37	1.07	4.29	3046
October	3.87	1.98	1.46	4.54	3.60	3.67	3.83	4.32	5.81	4.07	3.45	4090
November...	2.25	2.43	1.06	6.11	1.72	2.32	5.84	3.61	4.75	4.67	3.97	3873
December...	3.53	4.54	5.31	2.83	5.27	5.12	1.24	3.08	1.98	7.67	4.42	4499
TOTALS...	38.53	28.18	40.35	41.63	34.82	37.14	35.55	43.72	40.77	29.78	44.77	41524
	D	D	D	D	D	D	D	D	D	D	D	

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

No. of Map

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	54°	2°	Wensley	1 mi	N E	Wensley	1 mi	E

RAINFALL at Leyburn (Bolton Hall)County of North Riding.Observer Mr. F. Scrivener, (retired Jan. 1972)River Basin Ouse - Ure - I.The Head Gardener.Type of Gauge GlaisherAnnual Average 32.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.O.N.

899611/29

Diameter	8"			5"								
Height	1.0.			1.0								
Altitude	420.			420'								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.34	3.53	2.62	2.41	1.65	5.62	4.47	4.88	6.68	2.51	3.72	4
February	3.20	.67	5.12	.21	4.71	3.63	4.96	1.33	2.44	1.88	2.85	5
March	1.05	2.32	2.13	3.86	.83	2.03	3.03	.43	2.98	1.65	2.03	1
April	3.88	2.76	1.17	3.66	2.79	1.89	2.98	.18	1.41	1.89	2.26	1
May	3.12	3.88	3.54	1.82	1.06	1.84	3.23	2.51	1.06	1.27	2.33	4
June	4.55	2.51	1.83	1.11	3.23	6.62	1.40	2.99	2.18	.18	2.66	0
July	2.59	3.24	3.11	1.40	.71	2.26	1.93	3.28	2.93	3.94	2.53	3
August	4.19	1.34	.41	1.91	2.86	1.61	2.73	2.86	2.64	.50	2.10	5
September	3.61	2.78	2.05	1.85	5.23	2.70	1.48	1.82	1.23	1.19	2.39	4
October	1.27	4.39	2.80	4.66	4.89	2.38	2.43	6.79	4.42	4.34	2.83	7
November	3.98	2.25	3.55	2.22	6.06	3.22	1.78	5.30	4.41	4.35	2.71	8
December	1.59	1.77	.67	5.25	1.98	4.14	4.14	5.18	1.49	3.13	2.93	4
TOTALS	35.87	31.44	29.00	30.36	36.00	37.94	34.56	37.55	33.87	26.83	33.62	
	D	D	D	D	D	D	D	D	D	D	D	

333.42

333.42

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			Wensley	1 ml	NE	Wensley.	1 ml	E

Station No. M.3423RAINFALL at Leighburton (Balton Hall) 41County of North Riding Observer The Head GardenerRiver Basin Don Use 1Type of Gauge GlaisherAnnual Average 32.6 in. based on 35 years obs. ~~un-weighted~~. Period of average 1881-1915 Ref Bf NFile No. 8994.11/29

Diameter	5"											
Height	1' 0"											79.7
Altitude	420'											1944-47 31123
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.14	3.76	5.02	3.61	4.22	4.13	3.41	8.27	1.39	1.58	1490	3906
February	5.62	2.50	2.39	2.06	4.14	4.02	4.24	2.40	2.47	5.33	1250	3321
March	3.53	2.95	1.07	.30	1.17	1.74	5.85	2.86	.75	1.13	690	1919
April	2.76	1.56	1.83	2.16	2.19	1.89	5.83	2.58	2.87	2.71	1060	2491
May	1.46	2.76	3.17	1.45	3.76	4.01	2.22	1.16	1.48	1.72	630	1805
June	.21	.55	2.14	1.77	3.06	3.32	4.58	3.60	.77	1.00	1010	1697
July	1.94	2.51	1.37	2.23	2.26	3.52	1.58	.99	2.30	3.32	1000	220
August	2.19	2.20	2.87	1.45	4.50	6.29	.44	4.21	3.43	4.49	830	2769
September	.14	1.60	3.96	5.67	1.72	5.78	2.53	2.01	2.29	4.69	1480	2449
October	4.19	2.62	2.38	5.27	6.79	1.94	1.17	1.33	4.49	1.85	1150	2836
November	3.50	.99	2.33	7.04	.70	9.67	3.52	1.80	4.24	5.95	1320	3701
December	1.79	2.99	2.16	4.47	1.97	3.85	2.70	3.65	4.97	1.92	1270	3018
TOTALS	31.50 D	26.93 D	30.69 D	37.48 D	36.48 D	37.50 D	38.07 D	34.86 D	31.45 D	35.69 D	13680	31793

1946. General Course... 12 high

1947. 5" gauge in use

1947 n.p. high

beg

317.76

NB for 1941-70 averages in figures
have been used but previously annual
totals were adjusted down to 1941 figures

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No. 2411

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
28. 7. 41			NEWLEY	1/4	NE.	NEWLEY	1/4	E.

Station No. 3423 mRAINFALL at Leyburn (Bolton Hall)

51

County of North Riding - Yorks. Observer She. Head Gardner.River Basin Ouse - Wre - 1Type of Gauge Glaisher.Annual Average 32.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. & N.
34.89 " " " " " 1916-1950 1916-1950 899641/29 P
File No. 899641/29

Diameter ...	5"		048	417							
Height ...	1'0"			1							
Altitude ...	420'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.35	2.90	.60	2.78	3.19	4.20	3.93	3.23	3.42	5.08	
February ...	3.92	.47	3.64	2.98	2.20	2.19	3.30	5.13	.19	3.09	
March ...	3.80	1.54	.71	2.07	2.36	1.09	1.66	2.32	1.99	2.64	
April ...	2.18	1.11	2.71	.64	.53	1.40	.16	.88	3.21	1.83	
May ...	7.02	1.73	2.19	4.29	2.93	.65	1.65	4.53	.51	1.58	
June ...	1.00	1.03	2.80	1.71	2.54	2.55	1.89	3.93	1.68	2.76	
July ...	1.16	1.21	2.43	2.46	.40	4.67	3.78	3.04	1.94	4.19	
August ...	3.87	2.83	3.47	6.82	.94	7.18	3.72	4.48	.65	3.04	
September ...	1.00	4.24	3.05	3.69	1.02	3.73	3.41	4.02	.19	3.46	
October ...	2.75	4.34	2.29	5.64	2.34	1.70	3.32	2.79	2.05	6.72	
November ...	9.65	2.22	2.87	7.26	2.14	1.01	2.26	.76	7.09	5.49	
December ...	6.47	2.37	1.69	4.16	4.44	4.21	3.88	4.49	7.58	4.63	
TOTALS ...	46.17	25.99	27.95	44.50	25.33	34.58	32.96	39.60	30.50	42.51	
	D	D	D	D	D	D	D	D	D	D	

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SE(44)075897

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- accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ up 46-47	
	✓	✓	✓	✓	