

RAINFALL AT Layland, Warden Hall

Lat.

Lon.

County of C Lancashire

Snowdon Rain Gauge, by N.Y.C.

Ribble Douglas 2

Observer H Nowell Parington Esq

Diameter ...										5
Height										0 - 10
Altitude ...										110 ?
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909 MEANS.
January ...										
February ...										
March										
April										
May										
June.....										
July										
August.....										
September ..										
October ...										
November ..										
December...										F 6.18
TOTALS ...										

Layland Church $\frac{1}{2}$ Mile N
 Station $1\frac{1}{4}$. N
 Nothing within 40 ft. on the south side

RAINFALL AT Leyland Warden

Lat.

Lon.

County of Lancashire

Roughs 2 Rain Gauge, by
Baldwin Monthly Observer H. Norwell Harrington Esq.

Diameter ...										5
Height										10
Altitude ...										110
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909 MEANS.
January ...										
February ...										
March										
April										
May										
June										
July										
August										
September ..										
October ...										
November ...										
December ...										6.26
TOTALS ...										

Leyland Station 1/4 Miles N

103007

RAINFALL at Leyland Warden Hall

County of Central Lancashire

Observer H Nowell Hornington Eng

River Basin Ribble-Douglas 2

Smardon Rain Gauge, by N+3

Diameter ...	5										
Height	10										
Altitude ...	125 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.80	.94	2.87	3.83	2.25	5.08	2.13	2.49	2.81	4.34	
February ...	3.29	3.18	1.77	1.29	2.31	4.08	3.12	1.22	3.84	1.14	
March79	1.26	5.71	3.96	4.00	1.57	1.71	2.31	1.29	5.76	
April	2.45	3.04	.57	4.29	1.22	2.05	3.25	1.65	1.07	1.95	
May	2.90	1.14	2.06	3.31	1.68	1.35	2.12	2.13	2.61	1.54	
June.....	2.60	2.96	5.26	2.63	1.35	2.51	2.93	2.25	2.21	2.11	
July	5.60	.64	5.48	2.58	5.11	3.77	4.03	1.61	4.45	1.39	
August	5.48	2.97	5.44	2.92	2.53	4.60	4.47	5.76	3.82	3.41	
September ..	.43	4.91	1.66	1.91	3.51	.62	2.66	2.06	9.99	2.28	
October ...	3.08	2.48	3.79	1.84	2.11	1.06	6.79	7.36	3.59	2.96	
November ..	5.12	3.49	2.90	4.22	4.44	2.21	2.39	3.92	2.52	2.30	
December ...	3.28	5.86	3.20	2.58	5.57	5.71	2.76	2.20	7.31	5.45	
TOTALS ...	38.62	32.87	40.71	36.36	36.08	34.61	38.36	34.96	45.51	34.63	37.171

Nothing near with S except a group of trees 160 or so ft & the Scarne Railings

915 House 30 ft high 60 yards W
Trees 50. 60. 5

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53° 40'. 50"	2.42 W	Leyland		1/2 m	N	Leyland	3/4 m	N

RAINFALL at Leyland Warden Hall

County of Central Lancashire

Observer Mr Howell Harington Long

River Basin Ribble-Douglas 2

Snowdon Rain Gauge, by N+3

N

Diameter ...	5										
Height	1 0										
Altitude ...	125										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January89	3.02	3.86	2.26	5.06	2.17	2.42	2.75	4.30		
February ...	3.19	3.21	1.69	1.24	2.27	4.07	3.21	1.15	3.79	1.14	
March67	1.25	5.66	3.95	3.75	1.56	1.80	2.26	1.25	5.63	
April	2.27	3.06	.49	4.25	1.16	2.03	3.26	1.57	1.02	1.84	
May	2.76	1.06	2.00	3.31	1.57	1.32	2.18	2.22	2.56	1.38	
June.....	2.35	2.96	5.19	2.58	1.29	2.41	2.93	2.17	2.19	2.04	
July	5.43	.54	5.44	2.55	5.03	3.81	4.09	1.04	4.39	1.26	
August	5.42	2.96	5.38	2.91	2.50	4.40	4.53	5.68	3.75	3.40	
September ..	.35	4.90	1.68	1.88	3.45	.58	2.70	2.08	9.85	2.21	
October ...	3.13	2.49	3.80	1.83	2.07	1.10	6.87	7.17	3.57	3.02	
November ..	5.15	3.47	2.87	4.19	4.32	2.28	2.39	3.80	2.48	2.23	
December ...	3.25	5.90	3.12	2.52	5.60	5.67	2.72	2.18	7.07	5.30	
TOTALS ...	32.69	40.34	35.07	35.41	34.49	3885	33.74	44.67	33.76		

1910 Gauge deflection 1
 1911 Gauge 1 New Gauge
 1912 front of new 40 yrs 73 5
 House sign high 60 - w

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.40.50	2.42 W	Leyland	1/2 m	N	Leyland	3/4 m	N

RAINFALL at Leyland, Warden Hall

County of Lancashire

Observer H. Nowell Harrington Esq.

River Basin Ribble-Douglas 2

Snowdon Rain Gauge, by Negy.

Av 1881-1915 35.4

Diameter ...	5"										
Height	1. 0										
Altitude ...	125'										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920
January ...	3.83	5.33	3.63	3.18	3.22	2.64	3.83	3.47	8.38	1.64	5.87
February ...	2.70	2.20	3.88	5.36	1.83	5.35	3.64	1.72	3.60	1.96	2.24
March	3.98	2.85	1.50	1.30	1.43	1.71	1.21	3.75	2.47	1.24	2.83
April.....	4.29	1.80	2.50	3.07	1.50	2.05	1.49	2.02	1.17	1.09	1.99
May	6.91	2.20	2.27	3.70	5.16	4.03	3.07	1.42	1.04	2.54	1.63
June	2.65	1.16	2.68	1.90	4.12	1.04	1.58	3.66	5.48	1.43	1.47
July	5.36	1.65	4.79	4.20	5.22	3.01	3.96	4.06	2.45	3.33	4.75
August	2.01	5.11	4.00	5.27	5.44	4.05	3.75	4.96	4.68	4.44	6.35
September...	3.16	1.97	3.88	4.24	4.16	4.23	4.37	6.75	1.30	2.24	2.33
October.....	1.99	2.73	6.9	5.12	4.70	4.11	3.06	3.31	4.11	5.64	6.01
November...	1.56	2.44	2.90	5.22	2.05	2.84	6.20	4.38	5.45	6.81	5.71
December...	2.29	5.07	3.14	4.95	4.84	2.10	1.33	1.24	2.71	6.26	3.90
TOTALS...	39.93	32.51	37.95	46.51	42.67	36.16	37.49	40.79	42.84	38.15	43.08

1920 Yrs 30ft high 60yds S.

House 30' " 60' " W

1925 House 50' high 180' " 240' " W

Gardens 60' " 180' " 300' " S

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.			
Date.	Lat. N.	Long. N.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53°40'50" N	2°42' E	Leyland	1 1/2 mi	N	Leyland	1/2 mi	N

RAINFALL at Leyland, Warden Hall

County of C. Lancashire

Observer H. Howell Farnington Esq.

River Basin Ribble-Douglas 2

Snowdon Rain Gauge, by Neg.

M

Diameter ...	5"										
Height	10										
Altitude ...	125										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M
January ...	3.78	5.17	3.48	3.23	3.13	2.51	3.75	3.42	8.60	1.79	5.78
February ...	2.71	20	3.71	5.41	1.82	5.20	3.59	1.67	3.58	.95	.24
March	3.86	2.85	1.41	1.23	1.39	1.63	1.21	3.73	2.41	1.22	2.75
April.....	4.14	1.77	2.48	3.01	1.45	1.97	1.44	1.99	1.12	1.03	1.90
May	6.76	2.09	2.05	3.60	5.12	3.88	3.03	1.39	1.01	2.48	1.59
June	2.50	1.01	2.64	.83	4.10	.00	1.50	3.63	5.44	1.40	1.59
July	5.18	1.69	4.71	4.16	5.20	2.89	3.90	4.02	2.45	3.29	4.67
August	1.93	4.92	4.05	5.17	5.25	3.86	3.62	4.92	4.66	4.59	6.23
September...	3.12	1.94	3.87	4.21	4.10	4.12	4.28	6.69	1.27	2.26	2.27
October.....	.98	2.72	6.4	5.01	4.57	3.98	2.95	3.25	4.09	5.58	5.85
November...	1.48	2.46	2.83	5.05	2.03	2.87	6.11	4.34	5.42	6.64	5.73
December...	2.35	4.94	5.06	4.91	4.63	1.99	1.32	1.22	2.69	6.20	3.80
TOTALS...	38.79	31.76	36.93	35.84	41.79	34.90	36.70	40.27	42.64	37.46	42.40

1920 Trees 60ft High 60ds S

House 30 - - 60 .. W

1923 N. P. check gauge,

1924 N. P. check gauge,

1925/6 " " "

1927 " " "

1930 " " "

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
1920	53°40'50" N	2°42' E	Leyland	1/2 mi	N	Leyland	1/2 mi N

RAINFALL at Leyland (Worden Hall)

M.W.R.

County of Central Lancashire

Observer H. Nowell Flarington, Esq.

River Basin Ribble-Douglas-2

Type of Gauge Standard (+A)

Annual Average 34.9 in. based on 16 years obs. un-weighted. Period of average 1881-1915

Ref S
Autocrat

Diameter	S.										
Height	1.0.										
Altitude	125.		124								125
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	Means
January	4.61	3.80	3.05	2.94	1.81	4.41	2.11	3.70	4.65	2.51	33.59
February	3.48	.09	3.29	1.22	4.46	2.19	4.48	1.15	2.85	2.08	24.29
March	1.34	2.63	2.68	2.23	1.05	2.32	1.38	.88	1.85	2.42	17.78
April	2.74	2.64	1.89	2.06	3.03	1.30	2.74	.32	2.27	2.05	21.34
May	1.85	4.42	1.95	3.21	1.51	1.09	1.91	3.41	1.13	1.47	21.95
June	6.35	.84	3.09	2.10	2.41	4.82	1.72	4.14	3.83	1.02	30.32
July	3.78	4.58	3.27	1.40	2.13	4.11	1.27	3.57	5.94	5.04	35.09
August	5.07	1.46	2.59	4.08	2.22	3.98	2.34	3.16	1.56	1.90	28.36
September	3.12	6.04	1.13	3.92	8.53	3.82	2.22	1.72	.97	3.53	35.00
October	2.60	6.77	4.64	5.26	6.91	3.78	1.91	7.24	1.50	4.04	44.65
November	7.09	2.97	1.93	2.28	4.03	5.37	1.22	5.10	6.01	6.01	42.01
December	2.32	1.75	.59	4.81	3.10	4.31	2.00	4.13	2.47	3.44	28.92
TOTALS	43.35	37.99	30.10	34.81	41.19	41.50	25.30	38.52	35.03	35.51	36.330

House 50' high 120yds down; Trees 60' high 60yds S.E.

✓

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			Leyland	1/2m	N.	Leyland	1/2m	N.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3007

RAINFALL at Leyland (Warden Hall) M.W.R.

41

County of Lancashire Observer H. Nowell Farington Esq.

River Basin Ribble - Douglas - 2

Type of Gauge Snowdon (+A)

Annual Average 34.9 in. based on 16 years obs. un-weighted. Period of average 1881 - 1915 Ref. a.w sheet.

File No.

Diameter	5"	571	050								
Height	1' 0"		1								
Altitude	125'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.31	3.61	4.06	4.37	2.73	4.25					
February	4.22	1.34	2.28	2.96	3.94	4.96					
March	2.91	2.44	1.73	1.55	1.36	1.63					
April	1.26	1.58	2.61	1.83	1.99	1.40					
May	2.12	2.60	2.78	2.97	3.11	1.52					
June	.46	.72	2.88	3.02	4.03	2.23					
July	1.45	4.34	2.75	3.33	(2.80)	3.91					
August	5.31	4.02	5.46	2.96	(2.30)	#					
September	1.08	2.87	5.27	6.14	2.10						
October	4.15	5.16	4.84	3.88	5.24						
November	2.00	1.07	3.35	6.56	.19						
December	1.52	3.47	2.00	3.12	2.45						
TOTALS	27.79	33.22	39.01	39.63	(32.29)						

1945 July & Aug. ctd. 00604

1946 station ceased July 31st 1946

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map.....

Reference No. SD 538 209

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

BRITISH RAINFALL ORGANIZATION

(4486-90) Wt. 47585-4472 12,000 2/40 T.S. 700

✓ ✓ 41-45
D19 ✓ ✓ D41-44
d45 ✓