

# RAINFALL AT Layland, Sorden Hall

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

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

County of C Lancashire

Sorden Rain Gauge, by N 13

Observer H Nowell Harrington

Ribble Douglas 2

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 ...										6.18	
TOTALS ...											

Layland Church 1/2 Mile N  
 Station 1/4 " N  
 Nothing within 40 ft on the south side

# RAINFALL AT

Layland Warden

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

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

County of Lancashire

Douglas 2

Rain Gauge, by \_\_\_\_\_

Observer

H. Novell Harrington Esq

Allen Monthly

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 ...											

Layland Station

1 1/4 mile N

RAINFALL at Leyland Worden HallCounty of Central LancashireObserver H. Norvell Harington EsqRiver Basin Ribble-Douglas 2Source Rain Gauge, by H+Z

Diameter ...	5										
Height .....	1 0										
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	
March .....	.79	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 .....	2.50	2.96	5.26	2.63	1.35	2.51	2.93	2.25	2.21	2.11	
July .....	5.50	.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	35.36	36.08	34.61	35.36	34.96	45.51	34.63	37.171

Norwich near with Severn a group of trees 110 to 150 ft to the Severn Railway  
 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 1/2 m	N	Leyland	3/4 m 1/2	N



RAINFALL at Leyland Warden HallCounty of Central LancashireObserver A. Maxwell HarringtonRiver Basin Ribble-Douglas 2Source Rain Gauge, by N+Z

M

Diameter ...	5										
Height .....	1 0										
Altitude ...	125										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...		.89	3.02	3.86	2.20	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	
March .....	.67	1.25	5.66	3.95	3.95	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	38.85	33.74	44.67	33.75	

1910 Jany Gauge defective  
 1911 Jany New Gauge  
 1913 front of new 40 yds N 5  
 House 3 ft high 60 W

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

## RAINFALL at Leyland, Worsley Hall

County of C. LancashireObserver H. Nowell Harrington Esq.River Basin Pibble-Douglas 2Snowdon Rain Gauge, by N. 2. 7.

At 1881-1915 35.4

Diameter ...	5"											
Height .....	1.0											
Altitude ...	125											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del>	1930
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	2.0	3.88	5.36	.83	5.35	3.64	1.72	3.60	.96	.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	1.43	1.04	2.54	1.63	
June .....	2.65	1.16	2.68	.90	4.12	.04	1.53	3.66	3.43	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	4.09	5.27	5.44	4.05	3.75	4.96	4.68	4.74	6.35	
September...	3.16	1.97	3.58	4.24	4.16	4.23	4.37	6.75	1.30	2.27	2.33	
October .....	.99	2.73	.69	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	5.14	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	
	D	D	D	D	D	D	D	D	D	D	D	

1920 Tree 30ft high 60yds S.  
House 30 " " 60 " W1925 House 50' high 180' to 240' W  
Grange 60' " 180' to 300' SPosition 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° 40' 50"	2° 42'	Leyland	1 1/2 mi	N	Leyland	1/2 mi	N

RAINFALL at Leyland, Norden HallCounty of C. LancashireObserver H. Howell Harrington EsqRiver Basin Pibble-Douglas 2Snowdon Rain Gauge, by M. E. G.

M

Diameter ...	5										
Height .....	1 0										
Altitude ...	125										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930
January ...	3.78	5.17	3.48	3.23	3.13	2.51	3.75	3.42	3.50	1.79	5.78
February ...	2.71	2.0	3.71	3.41	3.82	5.20	3.59	1.67	3.58	1.95	1.24
March .....	3.86	2.85	1.41	1.25	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	1.83	4.10	1.00	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	3.57	4.21	4.10	4.12	4.28	6.69	1.27	2.26	2.27
October .....	1.98	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	45.84	41.79	34.90	36.70	40.27	42.64	37.46	42.40

1920 Trees 60ft high 60 yds S

House 30 " " 60 " W

1923 N.P. check gauge.

1924 N.P. check gauge.

1925 " " "

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53°40'50"	2°42'	Leyland	1 1/2 mi	N	Leyland	1 1/2 mi	N



RAINFALL at Leyland (Worden Hall)

M.W.R.

County of Central LancashireObserver H. Nowell Harrington, Esq.River Basin Ribble-Douglas-2Type of Gauge Snowdon (+A)Annual Average 34.9 in. based on 16 years obs. ~~un~~-weighted. Period of average 1921-1935 Ref. S. Awdler

Diameter	5.											
Height	1.0.											
Altitude	125.		124							125		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.61	3.80	3.05	2.94	1.81	4.41	2.11	3.70	4.65	2.51	3359	
February	3.48	.09	3.29	1.22	4.46	2.19	4.48	1.15	2.85	2.08	2429	
March	3.4	2.65	2.68	2.23	1.05	2.32	1.38	.88	1.85	2.42	1778	
April	2.74	2.64	1.89	2.36	3.03	1.30	2.74	.32	2.27	2.05	2134	
May	1.85	4.42	1.95	3.21	1.51	1.09	1.91	3.41	1.13	1.47	2195	
June	6.35	.84	3.09	2.10	2.41	4.82	1.72	4.14	3.83	1.02	3032	
July	3.78	4.58	3.27	1.70	2.13	4.11	1.27	3.57	5.94	5.04	3509	
August	5.07	1.46	2.59	4.08	2.22	3.98	2.34	3.16	1.56	1.90	2836	
September	3.12	6.04	1.13	3.92	8.53	3.82	2.22	1.72	.97	3.53	3500	
October	2.60	6.77	4.64	5.26	6.91	3.78	1.91	7.24	1.50	4.04	4465	
November	7.09	2.97	1.93	2.28	4.03	5.37	1.22	5.10	6.01	6.01	4201	
December	2.32	1.75	.59	4.81	3.10	4.31	2.00	4.13	2.47	3.44	2892	
TOTALS	43.35	37.99	30.10	34.81	41.19	41.50	25.30	38.52	35.03	35.51	36330	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		

House 50' high 120yd W: Tree 60' high 60yd S.E.

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

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

Station No. 3907RAINFALL at Leyland (Warden Hall) N.W.R.

41

County of Central Lancashire Observer H. Nowell Farrington Esq.River Basin Ribble - Douglas - 2Type of Gauge Standard (+A)Annual Average 34.9 in. based on 16 years obs. un-weighted. Period of average 1881 - 1915 Ref. S  
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	3.96	3.94	4.96					
March	2.91	2.44	1.73	.55	1.36	.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	4.08	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 &amp; Aug est'd.

00604

1946 station ceased July 28th 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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.

BRITISH RAINFALL ORGANIZATION

D19

41-45

D41-44

d 45