

## Kirkby Lonsdale

W.Harrison 1 3 65  
 Bassett 1 ft 2 in 64 8 ft 6 in 68  
 5 in + ground 7 in 63 + Sea Level 209 ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					#						
	7.27	4.63	3.20	5.80	5.50	3.95	4.97				
February - -					3.29	2.69	3.55	6.15	5.00	4.84	7.91
March - - -					1.40	4.20	2.00	2.40	2.00	7.25	1.14
April - - - -					3.70	1.80	1.90	1.15	6.00	2.48	3.53
May - - - -					3.88	2.82	4.27	2.40	2.58	1.55	2.74
June - - - -					5.90	5.08	.55	4.55	2.66	.50	1.82
July - - - -					1.70	2.80	2.72	5.27	3.20	1.15	1.40
August - - -					6.16	3.25	6.95	5.80	4.25	4.70	2.48
September -					8.65	5.10	1.73	9.72	5.45	2.52	9.95
October - -					6.72	2.45	5.50	3.09	4.67	4.92	3.38
November -					7.69	4.05	3.28	8.18	2.11	2.60	6.36
December -					6.47	4.58	2.34	7.72	4.00	8.60	5.54
TOTALS -	41.60				62.83	43.15	38.01	62.23	47.42	45.06	51.22

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1860 per S. Marshall.

1869 from the 24<sup>th</sup> to the 29<sup>th</sup> of Dec: my thermometer stood at 18° 14° 9° &c on the morning of the 28<sup>th</sup> inst. at 4° above zero. It is placed facing the N and about 5 feet from the ground.

## RAINFALL AT Kirkby Lonsdale

Lat..... Long..... County of... Westmorland....

Rain Gauge, by..... Observer M<sup>r</sup>. W. Harrison.....

For 1881-1885 475

Diameter	5										
Height	1.2						1.6				1.2
Altitude	109.	209.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.10	1.95	7.45	6.40	6.00	6.10	2.80	5.80	5.00	1.50	4.710
February.....	1.90	4.20	4.72	7.0	1.95	8.5	6.10	5.20	2.15	2.40	3.017
March.....	1.80	1.82	4.75	2.80	4.80	1.50	4.48	2.32	2.50	3.00	2.977
April.....	2.31	3.35	2.42	5.5	1.80	1.55	2.60	2.50	2.70	1.00	2.078
May.....	3.20	1.45	2.45	2.00	1.75	3.10	1.80	2.30	4.35	2.50	2.390
June.....	1.73	3.42	6.05	2.12	1.00	4.90	3.70	3.20	3.85	5.25	3.822
July.....	7.57	7.53	4.82	5.75	2.00	3.25	3.70	5.20	1.60	6.50	4.192
August.....	1.73	3.10	6.18	6.00	6.05	4.35	3.60	6.50	7.40	5.72	5.063
September.....	3.05	3.34	9.48	4.08	4.85	4.40	5.70	3.85	6.00	3.50	4.825
October.....	8.23	6.20	6.70	8.00	7.80	3.50	2.50	6.50	4.90	3.60	5.793
November.....	2.82	1.35	5.65	2.80	5.20	6.15	2.80	8.30	3.00	2.10	4.017
December.....	2.64	4.85	4.50	2.55	4.25	2.90	6.30	3.50	2.10	2.60	3.617
TOTALS.....	33.08	42.56	63.19	43.75	47.45	42.55	45.08	55.17	45.55	39.67	46.203

## RAINFALL AT Kirkby Lonsdale

80

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer, M. N. Harrison

Lune - 4

Av. (1881-1915) 47.5

Diameter .....	5										
Height .....	1.2										
Altitude .....	209										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	1.50	2.00	4.50	6.20		2.80	4.30	3.00	2.00	3.00	
February .....	3.70	5.60	4.25	3.00		3.00	1.50	2.75	1.25	2.50	
March .....	3.40	4.81	5.20	1.25		3.40	3.00	2.15	2.60	4.20	
April .....	1.65	1.92	4.50	2.60		2.80	4.50	2.10	2.75	2.00	
May .....	2.70	4.20	2.00	2.00		1.65	4.50	2.25	2.00	3.00	
June .....	4.00	4.75	6.08	5.00		3.00	2.00	2.30	2.50	1.00	
July .....	5.50	6.82	8.00	2.60		2.70	6.50	2.60	6.00	3.60	
August .....	2.80	6.80	4.10	4.00		3.00	2.25	1.90	4.00	7.50	
September .....	4.00	3.30	2.50	3.00		5.80	6.00	4.50	6.00	3.00	
October .....	2.10	3.30	4.50	6.80		3.75	5.00	1.25	3.25	4.50	
November .....	7.00	5.60	6.70	5.20		2.50	4.50	3.50	5.30	2.50	
December .....	8.00	5.47	4.30	5.20		2.25	5.60	3.70	2.70	3.00	
TOTALS .....	46.35	54.47	56.69	48.45		36.35	49.65	32.00	40.35	39.80	

## RAINFALL AT

Kirkby Lonsdale

Lat.

100

*County of*

Westmoreland

### *Rain Gauge, by*

Observer

Dr W. Hanson

# RAINFALL AT Kirkby Lonsdale

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer

J. R. Picard Esq.

Diameter .....										7	
Height .....										8	
Altitude .....											215
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....										4.92	6.04 7.10
February .....										4.39	5.17 2.78
March .....										7.08	1.76 2.39
April .....										3.00	3.76 4.16
May .....										2.35	2.42 3.55
June .....										4.04	3.40 1.48
July .....										2.38	1.60 2.76
August .....										6.60	8.74 1.96
September .....										4.81	2.36 6.23
October .....										2.28	4.43 4.02
November .....										5.25	4.89 4.02
December .....										7.10	6.09 3.85
TOTALS .....										50.20	50.66 44.30

1899 Kirkby Lonsdale Church 150 yards NE

# RAINFALL AT Kirkby Lonsdale

Lat. .... Lon. .... County of Westmoreland

Cylinder Rain Gauge, by Casella. Observer J.R. Picard Esq.  
June - 1t.

Diameter ..	7										
Height ....	0.8										
Altitude ..	215T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. MEAN.
January ..	4.55	2.58	3.70	7.10	4.91	3.26	7.58	2.49	5.95	2.88	4.500
February ..	3.98	1.38	1.46	5.24	4.04	3.56	3.46	2.68	3.40	3.01	3.221
March ....	1.40	3.86	2.77	5.07	3.61	3.21	4.76	5.43	3.70	3.05	3.586
April .....	3.76	2.66	1.69	2.12	4.84	4.28	1.95	1.95	2.67	4.07	2.099
May .....	2.74	1.18	2.89	3.03	3.58	1.61	7.47	4.45	3.60	2.23	3.278
June .....	3.39	2.51	1.10	2.50	1.97	2.54	3.81	9.20	3.60	2.70	3.323
July .....	3.04	1.61	5.45	5.56	1.82	2.68	3.10	4.60	5.07	8.18	4.111
August .....	5.33	4.33	2.96	9.38	3.74	6.59	6.18	5.82	5.06	5.40	5.479
September ..	3.26	2.21	1.49	7.53	2.26	4.63	1.62	1.03	7.42	3.92	3.537
October .....	9.26	5.07	3.56	10.61	3.05	3.65	7.70	4.84	2.52	7.01	5.727
November ..	5.29	5.66	2.73	3.21	4.85	4.79	5.29	4.72	3.92	2.88	4.334
December ..	7.86	5.77	3.68	3.81	4.60	2.06	3.59	6.61	4.16	8.49	5.063
TOTALS ..	52.86	38.82	33.48	65.16	43.27	42.86	56.51	53.82	51.07	53.82	49.167

1900 Kirkby Lonsdale Church 150 yards NE

Wall 5' 6" high 12 ft W.

Kirkby Lonsdale Station 1 1/2 miles E

1905 Open on all sides except on the W where there is a Wall 5' 6" high 12 ft long

10  
3725

## RAINFALL at

Kirkby Lonsdale

County of Westmorland

Observer

JR Richardson

River Basin.

June 4

Bottled

Rain Gauge, by Basella

Diameter ...	7											
Height .....	0.8											
Altitude ...	215 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	6.93	2.21	2.96	4.50	5.36	7.12	5.94	2.93	4.45	6.35		
February ...	7.07	6.89	2.42	2.80	4.01	5.43	4.44	1.63	6.51	1.59		
March .....	1.09	1.90	6.06	5.44	5.22	2.12	2.01	2.78	2.21	4.93		
April .....	2.15	4.32	1.28	4.73	1.20	3.00	3.51	2.10	1.44	3.22		
May .....	2.59	2.81	2.87	2.67	3.05	1.19	3.68	2.03	1.86	1.55		
June.....	2.50	3.75	7.77	3.49	1.37	91	3.24	3.24	2.33	1.59		
July .....	5.61	.50	5.34	.98	3.96	5.25	3.61	2.50	6.34	1.72		
August .....	7.73	4.88	6.18	3.27	3.90	4.57	5.95	9.52	5.10	4.55		
September ..	.55	4.39	2.00	3.68	4.45	.73	2.90	5.65	11.47	4.65		
October ...	2.88	5.74	5.86	2.71	2.31	1.14	9.99	7.09	6.60	2.60		
November ...	4.19	7.00	6.38	5.68	7.48	2.69	3.80	4.72	3.24	2.61		
December ...	4.78	6.71	5.91	4.05	5.67	6.77	4.25	2.74	8.67	6.42		
TOTALS ...	48.06	51.10	55.03	44.00	47.98	40.92	53.12	46.93	60.22	40.70		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54.12.	2.37.	Kirkby Lonsdale	1½ mi	SE	K. Lonsdale	150 yds	NE.

## RAINFALL at Kirkby Lonsdale

County of Westmorland

Observer: J. R. Picard Esq.

River Basin Lune 4

Copper ~~Snowdon~~ Rain Gauge, by Basella

Diameter ...	7	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920. MEANS.
Height .....	0.9										1.0	
Altitude ...	215											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
January ...	5.98	9.05	4.19	4.75	4.36	3.55	5.40	5.31	11.44	2.04	7.94	
February ...	5.40	17	4.98	4.79	7.4	5.94	7.28	3.33	6.56	1.09	.88	
March .....	5.20	6.02	3.03	1.17	1.92	1.35	2.37	3.75	2.72	1.62	3.21	
April .....	4.66	1.25	1.65	3.49	1.96	3.86	1.87	3.30	1.66	2.06	2.26	
May .....	7.03	3.73	3.30	3.69	7.33	4.83	3.03	2.38	.58	2.85	1.77	
June .....	2.46	4.3	3.99	1.06	3.90	4.48	3.23	4.21	8.72	2.17	3.87	
July .....	7.96	1.79	6.84	4.71	5.03	2.93	4.57	14.27	7.13	4.44	5.09	
August .....	2.90	8.32	5.67	7.56	5.12	6.00	4.93	7.12	8.48	8.17	7.14	
September...	3.15	2.75	4.05	6.08	5.72	4.33	5.95	7.52	3.62	2.46	2.42	
October.....	1.13	3.51	.92	8.35	5.40	5.11	3.71	5.40	6.13	6.83	7.82	
November...	3.16	2.85	2.97	7.85	4.85	2.09	6.00	6.33	7.35	8.48	5.77	
December...	4.05	8.31	5.83	4.72	6.94	3.96	1.45	.97	3.95	7.71	3.70	
TOTALS...	53.08	48.184	47.42	58.22	53.27	44.43	49.29	53.89	68.34	49.62	50.37	

1924. Situation quite open, except - on the W. where there is a Wall 8'6 high, 12 ft distant.

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1911	54° 12'	2° 37'	Kirkby Lonsdale	1½ m. SE		H. Lonsdale	150 yds	NE

## RAINFALL at Kirkby Lonsdale,

County of Westmorland.

Observer T.R. Picard, Esq.

River Basin Lune - 4.

Type of Gauge Snowdon

Annual Average 46.1 in. based on 32 years obs. unweighted. Period of average 1881-1915. Ref. 3

Diameter	7.										
Height	1.0.										
Altitude	215.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.66	6.20									
February	5.42	.07									
March	8.83	3.34									
April	3.24	3.84									
May	1.70	4.52									
June	6.94	1.78									
July	6.60	6.70									
August	3.82	1.48									
September	1.64	5.95									
October	4.30	6.83									
November	7.30	3.89									
December	4.30	4.00	X								
TOTALS	50.75	48.10									

1931. Situation quite open, except on W. where there is a wall 8'6" high 12' distant.  
 Observer died 7/10/33. Hence closer observations discontinued.

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.			Kirkby Lonsdale	1 3/4 m.	E.	Kirkby Lonsdale	150 yds.	E

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