

RAINFALL AT *Nesdal**Highgate*Observer *J. Haydon*

Rain } By .....

Gauge } .....

Diameter *9* in.Height above Ground *5* ft. in.Above Mean Sea Level *230* ft.

YEAR.....										1869	MEANS.
January.....										5.94	
February .....										8.62	
March .....										.89	
April.....										3.85	
May .....										2.83	
June.....										1.68	
July .....										1.60	
August.....										1.93	
September....										11.44	
October .....										3.36	
November.....										6.99	
December.....										6.95	
TOTALS .....										52.75	54.08

↑  
C  
Marshall's record

## RAINFALL AT Kendal Highgate

Lat.....

Lon.....

County of Westmorland

Rain Gauge, by..... Observer E. Hayton Esq.

Diameter .....	8											
Height .....	5											
Altitude .....	180				180							
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	5.75	2.76	10.02	9.30	7.44	8.39	3.68	9.17	5.80	2.21	6.452	
February .....	3.13	5.52	5.71	7.8	3.11	1.51	6.77	4.11	2.98	3.53	3.715	
March .....	2.51	2.52	5.49	3.57	4.51	1.65	5.14	3.14	2.58	3.26	3.431	
April.....	2.00	3.20	2.39	.61	1.92	1.73	2.83	2.60	2.84	1.35	2.147	
May .....	4.60	1.98	2.88	2.47	1.16	2.88	1.08	3.08	5.50	1.72	2.735	
June.....	1.67	1.98	4.97	2.69	1.22	5.48	4.68	3.01	3.76	6.05	3.557	
July .....	7.26	7.67	4.79	6.86	3.30	2.57	3.44	6.20	.65	6.00	4.274	
August.....	1.67	6.99	5.33	6.19	7.44	3.13	4.18	5.78	4.69	4.87	5.027	
September....	3.03	4.00	8.58	3.05	5.77	6.20	5.06	4.41	5.59	4.09	4.978	
October.....	9.90	6.70	7.64	7.95	12.65	3.84	4.39	8.52	5.27	2.45	6.931	
November.....	3.65	1.77	6.64	3.07	4.25	6.73	3.36	10.39	2.24	1.20	4.330	
December.....	2.23	6.38	6.45	2.51	3.74	3.93	8.83	5.62	2.45	4.08	4.622	
TOTALS .....	41.40	51.47	70.89	48.99	56.51	48.04	53.44	66.03	44.35	40.81	52.193	

1879 Thorn Tree 20 ft high + 60 ft N.W.

Kendal church 300 yds S.E.

RAINFALL AT Kendal Holmcroft

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

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

County of Westmoreland

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

Observer R. Rhodes EsqKendal - 3

Diameter ....	5		5				5				
Height .....	1 - 3		1 - 3				1 3				
Altitude ....	160		176				176				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	1.76	4.24			6.64	2.89	4.56	7.9	5.98	9.51	
February ....	.57	1.80	7.75	8.96	.45	2.78	4.94	5.89	4.18		
March .....	2.31		2.35	4.65	5.08	8.03	8.77	1.85	3.01		
April.....	1.38		.82	1.68	2.02	1.63	2.20	4.89	5.49		
May .....	2.68	5.57	3.18	3.73	1.36	.37	2.42	2.88	4.48		
June .....	1.18	4.50	1.07	3.42	2.89	3.32	3.22	3.31	1.56		
July .....	4.03	2.46	5.32	3.39	7.23	4.78	1.91	.86	3.66		
August .....	8.68	9.98	5.24	4.99	7.10	2.21	5.10	9.30	2.10		
September....	6.17	9.11	6.96	.36	1.35	7.30	6.52	2.07	6.37		
October.....	6.34	6.92	6.12	3.41	6.08	4.43	3.10	5.85	4.29		
November....	4.28	4.61	3.02	6.57	4.99	1.98	7.09	6.68	3.90		
December ....	2.23	3.89	5.94	5.88	5.27	9.05	9.04	7.47	3.53		
TOTALS ....	41.61				53.68	46.71	50.44	55.10	57.03	52.08	

1892 June 25th Gauge moved  $\frac{1}{4}$  mile N to Holmcroft  
 1898 Kendal Church 300 yards SE  
 House 30 ft S  
 Wall 8 ft high 16 to 30 ft N.E.W

MET. O.S. RAINMASTER  
RETROSPECTIVE SITE REVIEWSYD. STN.  
NUMBER 585691

NGR: SD(34) 520920

ALT: 176 ft = 54 metres. Date of review: 12/10/78



585691

377

RAINFALL AT *Kendal Holmcroft*

Lat. ....

Lon. ....

County of *Westmoreland*Rain Gauge, by *N+3*Observer *R. Rhodes Esq**Kent - 3.*

Diameter ..	5										
Height ....	1.3										
Altitude ..	176 <sup>I</sup>										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.48	4.83	3.92	8.03	6.20	3.40	7.61	2.46	7.61	4.79	5.633
February ..	4.66	1.45	1.97	5.25	3.98	2.58	3.87	3.58	3.05	2.94	3.333
March ....	.20	4.49	3.22	6.31	4.36	3.96	4.24	5.41	4.20	4.17	4.056
April .....	2.82	3.49	2.03	1.28	4.99	4.11	1.63	2.38	2.67	5.26	3.066
May .....	2.43	1.99	2.59	3.92	2.49	1.52	8.31	5.00	4.76	2.35	3.536
June .....	3.47	2.77	1.76	2.11	2.77	3.02	2.99	9.27	3.08	3.09	3.433
July .....	3.16	1.37	4.59	4.72	3.63	2.35	3.07	4.47	5.29	6.74	3.939
August ....	5.11	3.72	2.86	9.21	3.93	5.63	6.71	6.24	6.09	3.85	5.335
September ..	2.94	3.32	2.14	7.56	2.30	3.45	.45	.89	7.10	3.70	3.385
October ....	8.96	5.61	4.07	11.07	3.92	3.63	8.38	6.22	2.79	8.72	6.537
November ..	6.08	5.75	3.67	3.97	4.32	5.94	5.36	4.65	4.43	3.14	4.731
December ..	9.63	6.34	5.42	4.99	6.28	3.52	3.97	8.10	4.77	10.41	6.343
TOTALS ..	56.94	45.13	38.24	68.42	49.17	43.11	56.59	58.67	55.84	59.16	53.127

1907 Kendal Church 150 yards SE  
 Station 1 mile N

Home 30 ft S  
 Wall 4+5 ft high rainier N.W. 15  
 N.W. E 17

1909 gage moved about 10 ft W

MET. O.B. RAINMASTER  
 RETROSPECTIVE SITE REVIEW

17D. STN. NUMBER 585691

NGR: SD(34) 520920

ALT: 176 ft SA

met. O.B. of rainier 12/10/78



## RAINFALL at Kendal, Holmcroft No 2.

County of Westmorland Observer R. RhodesRiver Basin Kent 3

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

glass by P.A.

Diameter ...											
Height .....											
Altitude ...											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				4.54							
February ...											
March .....											
April .....											
May .....											
June .....											
July .....											
August .....											
September ..											
October ...											
November ..											
December...											
TOTALS ...											

Good - Do val  
do this

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.



RAINFALL at Kendal HolmcraftCounty of WestmorlandObserver R. RhodesRiver Basin Kent 3Rain Gauge, by N+3

Diameter ...	5					MET. OR RAINMASTER RETROSPECTIVE SITE REVIEW		HYD. STN. <u>585691</u>			
Height .....	1.3					NGR: <u>SD(34) 520920</u>					
Altitude ...	176 T					ALT <u>176</u> ft = <u>54</u> metres.		Date of review		<u>12/10/78</u>	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	7.19	2.70									
February ...	7.40	8.80									
March .....	2.69	2.19									
April .....	3.24	4.43									
May .....	3.15	2.46									
June .....	1.76	2.87 #									
July .....	5.30										
August .....	8.51										
September ..	5.6										
October ...	2.38										
November ..	5.95										
December ...	5.25										
TOTALS ...	53.28										

g. moved  $\frac{3}{4}$  mi NNE 21.VII.11

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

(Highgate) \*

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RAINFALL at Kendal Holmcroft 1978 186County of WestmorlandObserver R. Rhodds Esq.River Basin Kent 3Snowdon Rain Gauge, by 722 g.  
932 M.O.At 1837415 50.6At 19161450 51.33 in. based on 89 yr with  
1916-34 P.B. 734

Diameter ...	5											
Height .....	1.3											
Altitude ...	176	150										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	MEANE.
January ...	7.39	10.32	6.46	4.51	4.93	5.11	6.99	6.21	14.68	2.02	8.42	
February ...	6.04	16	5.55	6.24	8.2	5.52	7.60	4.19	7.14	1.60	4.4	
March .....	6.44	6.98	3.41	1.91	2.47	1.69	2.93	5.10	5.59	1.28	3.31	
April .....	5.98	1.40	2.48	4.19	2.32	3.01	1.91	2.76	2.14	2.29	2.44	
May .....	6.69	3.72	3.44	3.65	7.37	5.44	2.02	2.52	7.2	2.50	1.67	
June .....	2.25	15	2.78	9.9	4.02	1.7	3.91	3.97	7.46	2.79	2.49	
July .....	6.13	2.35	5.74	4.87	5.08	2.18	4.22	5.36	8.35	5.83	4.04	
August .....	3.37	7.89	5.13	8.61	4.01	5.27	4.52	7.39	8.37	8.00	5.72	
September...	3.70	2.30	4.14	6.71	7.06	4.47	3.73	7.95	4.27	2.69	3.13	
October .....	1.45	2.87	1.97	8.30	5.13	6.03	3.06	5.71	8.43	6.90	9.18	
November...	3.56	2.62	3.25	8.56	4.24	2.12	7.53	7.53	10.38	9.62	5.34	
December...	5.24	7.83	7.00	5.76	10.05	5.12	1.41	1.27	5.01	7.65	5.31	
TOTALS...	58.24	48.59	57.35	64.80	57.50	48.13	49.83	59.96	82.54	52.67	51.49	
	D	D	D	D	D	D	D	D	D	D	D	

1920. House 20 ft N  
Low Hall 20 ft S.\* Observer note on monthly postcard for April 1927 "9 left Holmcroft Kendal  
8 years ago. Address should be 19 Highgate Kendal"1929. March 16<sup>th</sup>. 0 1/2 mile SSE  
"on S.W. side, house 100 ft away, open for some distance on other sides"Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Kendal	1/4 mi	S	St. George's	600 yds	SSE
March 16 <sup>th</sup> 1929			Kendal	3 miles	NNW.	- do -	3 miles	NW.



## RAINFALL at Kendal, &amp; Highgate

County of WestmorlandObserver R. Rhodes, Esq.River Basin Kent - 3Type of Gauge LondonAnnual Average 50.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S  
5133 19 Willis 1916-34 1916-1950 8163 12/28 P/S 784

Diameter	5.											
Height	1. 3.											
Altitude	150.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.76	6.26	3.63	5.96								
February	4.38	10	3.99	26								
March	4.77	3.31	3.34	2.72								
April	2.61	3.67	2.32	2.76								
May	2.57	4.36	1.82	3.80								
June	7.32	2.17	2.01	3.68								
July	6.05	6.08	2.80	3.19								
August	3.83	2.05	2.95	4.29								
September	2.24	5.61	1.01	6.58								
October	4.52	7.26	4.39	7.20								
November	9.17	3.39	1.81	1.05								
December	4.67	4.93	0.96	9.19								
TOTALS	52.89	49.19	31.03	50.68								

1934 Gauge moved December 31 to 7/4 mile N.W. Elevation now 289 ft.

Station regarded as terminated 1934. Records from new site to be treated as new station

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.			Kendal	1/2 m	N.W.	St. George's.	1/2 m	W.