

RAINFALL at Cartmel, Ellerholme, Lindale, Eller HolmeCounty of North LancashireObserver H. P. Grange Esq.River Basin Leven &c. 2

Rain Gauge, by

Diameter ...											5"
Height .....											1 3
Altitude.....											300
Year .....	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January.....											
February ...											
March .....											
April .....											
May .....											
June .....											
July .....											
August .....											
September...											
October.....											# 2.24
November...											3.50
December ...											8.48
TOTALS ...											

METEOROLOGICAL  
RETROSPECTIVE

586380

NGR: SD(24) 412813

ALT: 300 ft on 91

metres. Date of review: 5-1-1979

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	54° 13' 2° 54' W							

RAINFALL at Lindale Ellerhow Eller HowCounty of N. LancashireObserver H. R. Grosspelius EsqRiver Basin Kent & C. 3Lady Tomlinson (126)

(1926)

M.D. No. 809 Rain Gauge, by \_\_\_\_\_

Diameter ...	5"						5"						
Height .....	1	2					1' 5"						
Altitude ...	360						350'				300.		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN	1920	
January ...	5.66	9.26	4.12	5.23	5.64			5.39	13.73	2.72		7.61	
February ...	5.86	4.8	6.53	5.44	8.7			4.32	5.90	1.54		5.4	
March .....	5.80	5.38	3.30	2.16	2.82			3.78	4.34	1.25		3.40	
April .....	6.86	1.62	1.98	3.83	2.31			2.83	2.55	2.35		2.32	
May .....	5.83	3.53	4.04	2.87	7.49			2.74	1.14	2.71		2.84	
June .....	2.54	1.38	2.45	1.07	2.83			4.15	9.40	2.54		2.45	
July .....	7.88	2.23	6.42	5.25	4.78			5.29	5.56	6.44	5.21	4.36	
August .....	3.23	8.99	5.60	8.73	5.84			4.82	7.83	7.69	7.00	6.77	
September...	4.00	2.52	5.26	6.13	7.29			6.03	8.59	4.41	2.20	2.62	
October .....	1.97	2.84	1.76	8.72	4.13			5.42	4.98	7.38	7.54	9.74	
November...	2.98	2.77	3.10	8.03	4.06			7.52	6.63	9.74	12.03	6.38	
December...	4.27	7.64	6.58	7.41	9.05			2.10	1.35	4.63	7.85	4.81	
TOTALS...	56.88	47.68	52.14	65.43	57.11			inf.	58.15	77.35	55.08	53.84	
	D	D	D	D	D			2.	D	D	D	D	

1927. Grass 2 in. to 16 in., 18 in. all round.

Trees @ 20 yds to 50 yds all round.

1929. Grass 9" high close to wall around gauge.

Trees 30 yds.

MET. O. &amp; R. R. T. &amp; C. 1928

586380

NGR: SD (26) 412813

Alt: 300 ft. = 91 metres. Date of reading 5.1.1973

Position of Station on reduced Ordnance Survey Map, 2 miles 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
1927.			Layburn of Lands	2 m.	S.	Lindale in Cartmel	1 m. S. E.

## RAINFALL at Lindale (Ellerhow)

County of North Lancashire Observer Lady Tomlinson

River Basin Kent &amp; C. - 3

Type of Gauge Standard M.O.

Annual Average 51.4 in. based on 25 years obs. unweighted. Period of average 1881-1935 Ref. 5

697088/26.

Diameter	5.												
Height	1.5.											1.0	
Altitude	300.												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	5.59	6.16	4.16	6.81	2.32	3.49	3.46	6.19	4.30	1.2	8	3.28	
February	5.00	0.00	4.27	3.4	7.02	2.48	7.20	2.25	4.51	1.69			
March	6.68	4.05	4.12	3.58	1.55	2.94	1.77	2.85	2.37	5.34			
April	2.49	3.92	2.86	4.35	4.02	0.97	3.68	0.78	2.28	3.21			
May	3.35	6.77	2.64	4.84	4.47	1.52	2.30	5.61	1.30	1.09			
June	7.03	1.12	2.96	3.52	5.50	3.27	3.48	4.91	2.82	1.19			
July	8.20	6.87	4.14	2.36	1.92	5.85	3.80	7.36	8.47	6.23			
August	4.45	4.47	3.66	5.80	4.30	4.40	2.38	3.29	4.46	1.78			
September	1.82	6.81	1.89	5.33	10.74	7.45	5.20	2.58	2.30	4.34			
October	5.07	8.10	4.95	7.53	8.72	4.93	3.13	12.88	1.75	5.72			
November	9.94	3.95	2.75	1.63	4.68	6.25	1.88	7.15	7.92	5.47			
December	5.80	5.67	1.35	7.67	4.88	6.54	4.30	5.60	3.49	5.93			
TOTALS	59.42	57.89	38.75	55.77	39.42	55.77	42.58	61.85	545.79	452.7			
	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5			

1932 grass up to 1' high 6' all round. Bushes 6' high 20yds N.E. &amp; S. Trees 80yds N.E. &amp; S.

1937 Grass 4-6" high 1-50' all round. Trees 20-40' high 50yds N.E. &amp; S.

MET.O.B. RAINFALL  
RETROGRADE SITE REVIEW

586380

NGR: SD (34) 412813

ALT: 300 ft = 91 metres. Date of review: 5-1-79

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	Parish Church.	Distance from gauge	Direction
1931			Grange	2½ m	S.	Lindale	½ m	SE.

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

## RAINFALL at Lindale (Ellerholme)

County of N. Lancashire Observer Lady Tomlinson

River Basin Kent &amp; C - 3

Type of Gauge 6 in.

Annual Average 51.4 in. based on 8 years obs. un-weighted. Period of average 1881 - 1915 Ref. S

File No. 694083/26

Diameter	5"	586	380								
Height	1' 5"	10									
Altitude	300'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.34	6.47	7.93	5.34	4.18	6.36	4.59	9.63	3.18	2.84	
February	4.36	2.48	2.48	2.15	3.62	4.35	.99	3.74	2.73	5.07	
March	3.63	4.13	1.50	.60	3.08	2.36	8.57	2.58	2.76	3.21	
April	1.61	2.22	2.72	3.66	2.28	1.51	4.70	2.66	4.33	3.63	
May	3.63	3.36	5.31	2.87	3.84	1.37	3.70	2.00	2.95	1.63	
June	.68	1.52	3.84	3.60	4.15	5.15	3.82	3.10	.70	2.54	
July	2.83	5.05	5.22	3.12	4.06	5.36	4.98	2.46	5.03	3.51	
August	5.42	5.75	9.28	3.15	1.61	5.54	.35	5.71	3.30	8.03	
September	1.78	5.66	5.87	6.87	5.26	9.52	4.49	6.50	1.99	10.85	
October	7.56	6.29	6.54	6.11	5.79	.88	.88	4.14	6.01	5.45	
November	2.71	1.49	3.58	1.04	.30	8.86	8.05	4.78	6.71	5.42	
December	3.28	6.48	3.18	3.76	3.32	6.49	3.19	4.41	7.97	3.06	
TOTALS	39.03			9		5775	48.31	56.71	47.66	55.24	

1941 Grass 2"-3" all round gauge. Bushes 3'-6' high 50 yds. S.E. Trees 20' high 100 yds. N.E. 95.

1942 Gauge moved 10' W on May 20<sup>th</sup>

100 yds. N.E. 95.

1943 Woodland 20-30 ft. high 30 yds. NE, E &amp; S

MET. O.S. RAINFOREST  
RETROGRADE - 1943 - 1945

586380

NGR: SD(34) 412 813

ALT: 300 ft = 91 metres. Date of review: 5-1-1959

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	Parish Church.	Distance from gauge	Direction
1941			Lindale	2 1/2 m.	S.	Lindale	1 1/2 m.	S.

Station No.

3039

RAINFALL at Lindale (Eller Howe) Eller Howe

51

County of N. Lancashire

Observer

Lady Tomlinson (died 1950)River Basin Kent & C-3Type of Gauge M.O.Annual Average 51.4 in. based on 8 years obs. ~~the~~ weighted. Period of average 1881-1915 Ref. S.File No. 697083/26

Diameter	5'	586	380								
Height	1' 0"			9							
Altitude	300'			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	6.87	4.40	3.20	4.50	3.44						
February	4.34	1.31	1.77	3.46	1.86						
March	4.49	3.86	.67	2.99	1.27						
April	2.12	3.17	2.87	2.04	3.08						
May	2.15	2.99	3.03	3.46	3.26						
June	.79	4.69	3.16	5.55	4.24						
July	3.24	1.99	5.62	6.11	2.33						
August	4.55	7.13	5.44	6.50	2.29						
September	5.49	4.08	7.16	9.23	3.38						
October	.95	2.91	2.18	10.25	2.63						
November	8.62	2.12	7.23	9.10	2.13						
December	10.63	5.89	2.99	7.11	6.96	#					
TOTALS	56.24	44.54	45.32	70.30	36.87						
	D	D	D	D	D						

IASI Woodland 20° 30' 30 yds N.E. + E-S  
T. 31. 12. 55.

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference SD412813		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Grange over Sow	3 m.	1.	1/2 m. 1

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			20-24, 27-30 22-23, 28-30 24, 27	✓ ✓ last 39	✓ ✓ last d 47	