

RAINFALL at Carnforth, Ellerhow, Lindale, ^{at} Eller HowCounty of North LancashireObserver H. V. Ennos pelius EsqRiver 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 ...												

MET. O.S. RAINMASTER
RETROSPECTIVE TYPE GAUGE

586380

NGR: SD(34) 412813ALT: 300 ft = 91metres, 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. Ennos & Co. Esq.River Basin Plant & C 3

Lady Tomlinson (126)

(1926)

M.O. N° 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	MEANS 1930
January ...	5.66	9.28	4.82	5.25	5.64			5.39	13.73	2.72	7.61
February ...	5.86	4.8	6.83	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	2.35	2.35	2.32
May	5.83	3.53	4.04	2.87	7.49			2.74	1.14	2.79	2.84
June	2.54	.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	4.00	6.77
September...	4.00	2.54	5.26	6.65	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	8.83	4.06		7.52	6.63	9.72	12.03	6.38
December...	4.27	7.62	6.58	7.41	9.05		2.10	1.35	4.63	4.85	4.81
TOTALS...	56.88	47.68	52.14	65.63	57.11		insp.	58.15	77.35	55.08	53.84
	D	D	D	D	D			2	D	D	D

1927. Grass 2 ins to 10 ins, 18 ins all round.

Trees @ 20 yds to 50 yds all round.

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

Trees 30 yds.

MET. O.S. 810
RETROSPECTIVE

586380

NGR: 50.34 412813

ALT: 300 ft = 91

metres. Date of survey: 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	Direction from gauge
1927.			Spring of Sands	2 m.	S.	Lindale in Cartmel	1 m.	S. 2.

RAINFALL at Lindale (Ellerhow)County of North LancashireObserver Lady TomlinsonRiver Basin Kent & C. - 3.Type of Gauge Gauging MO.Annual Average 51.4 in. based on 8 years obs. unweighted. Period of average 1881-1915 Ref. S

697082/26.

Diameter	5.										
Height	1.5.					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	4.20	3.28	
February	5.00	.00	4.27	3.4	7.02	2.48	7.20	2.25	4.51	1.69	
March	.68	4.05	4.12	3.58	1.55 ⁴⁸	2.94 ⁴	1.77	2.85	2.37	5.34	
April	2.49	3.92	2.86	4.35	4.02	.97	3.68	.78	2.28	3.21	
May	3.35	6.77	2.64	4.84	.47	1.52	2.30	5.61	1.30	1.09	
June	7.03	1.12	2.96	3.52	5.50 ⁶	3.47	3.48	4.91	2.82	1.19	
July	8.20	6.87	4.14	2.35	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	4.86	1.78	
September	1.82	6.81	.89	5.33 ⁵⁶	10.74	7.45	5.20	2.58	2.30	4.34	
October	5.07	8.10	4.95	7.53	8.37 ⁷²	4.93	3.13	12.88 ⁵	1.75	5.72	
November	9.94	3.95	2.75	1.53	4.68	6.35	1.88	7.65	7.92	5.47	
December	5.80	5.67	1.35	7.67	4.88 ⁶	6.54 ⁴	4.30	5.60	3.49	5.93	
TOTALS	59.42	57.89	38.75	53.65	55.77	39.42	42.58	61.85	45.79	45.27	7
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.

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

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

MET. OBS. RADIOCASTER
RETROSPECTIVE SITE REVIEW.

586380

NGR: SD (34), 412813ALT: 300 ft = 91 metres. Date of review: 5.1.79Position 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			Grange	2 1/2 m	S.	Lindale	1/2 m	S.E.
							1/2 m	S.

Station No. 3039

RAINFALL at Lindale (Ellerhow)

41

County of N. Lancashire Observer Lady TomlinsonRiver Basin Hart & C - 3Type of Gauge 11.0Annual Average 51.4 in. based on 2 years obs. un-weighted. Period of average 1881 - 1915 Ref. SFile No. 697083/26

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	3.83	3.36	5.31	2.87	3.84	1.37	3.70	2.00	2.95	1.63	
June	.66	1.52	3.84	3.60	4.15	5.15	3.82	8.10	.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	1.76	5.66	5.87	6.87	5.26	9.52	4.49	6.50	1.99	10.85	
October	7.56	6.23	6.54	6.11	5.79	.88	.88	4.14	6.01	5.45	
November	2.71	1.49	3.58	8.04	.30	8.86	8.05	4.78	6.71	5.42	
December	3.26	6.48	3.18	3.76	3.32	6.49	3.19	4.41	7.97	3.06	
TOTALS	39.03 D	50.90 D	57.45 D	48.27 D	41.49 D	57.75 D	48.31 D	56.71 D	47.66 D	55.24 D	

1941 Gages 2" - 3" all round gauge. Bushes 3" - 6" high 50 yds. S.E. Trees 20' high
 1942 Gauge moved 10' W on May 20th
 1943 Woodland 20 - 35 ft. high 30 yds NE, E & S 100 yds. N.E. & S.

MET. O.S. RAINFALL
RETROSPECTIVE SITE REVIEW

586380

NGR: SD(34) 412813

ALT: 300 ft. = 91 metres. Date of review: 5.1.1959

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.
1941			Grange over Sands	2 1/2 m.	S.	Lindale	1/2 m.	S.

BRITISH RAINFALL ORGANIZATION

A.M. Form 1903. **Air Ministry, Meteorological Office.**Station No. 3039RAINFALL at Lindale (Ellerhow) Ellerhow

51

County of N. LancashireObserver Lady Tomlinson (died 1956)River Basin Kent & B-3Type of Gauge M.O.Annual Average 51.4 in. based on 8 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref. S.File No. 697083/26

Diameter ...	5'		586	380							
Height ...	1' 0"			1							
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						
June79	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						
October95	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 ...	54.24 D	44.54 D	45.32 D	70.30 D	36.87 D						

1951 Woodland 20' 30' 30 fms N.E. & F-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	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Grange over Sand	3 m.	S.	Lindkyle	1/2 m.	S.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		51.920 20-24 27-30 220-23 28-30 229.27	✓ ✓ listed 39	✓ ✓ listed 47	