

RAINFALL AT Thirlmere Dale Head Hall

Lat. _____

Lon. _____

County of _____

CumberlandDerwent - 2

Rain Gauge, by _____

Observer _____

E. H. Hill Esq C.R.

Diameter					7							
Height					10							
Altitude					620 ft							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January					11.00	3.20	5.40	1.90	6.90	14.30		
February					17.00	.90	5.20	8.50	7.20	7.40		
March					6.70	7.80	9.80	14.30	2.40	6.20		
April					4.10	5.10	3.40	4.50	6.30	7.60		
May					6.50	.60	.60	4.00	4.80	5.90		
June					3.20	1.60	5.50	4.20	5.00	1.50		
July					3.40	7.30	6.10	2.90	1.40	3.70		
August					7.50	9.30	4.20	13.20	9.20	2.50		
September....					.70	2.90	11.10	8.30	3.60	8.60		
October					10.00	6.60	9.90	6.00	7.50	8.90		
November....					14.30	11.80	3.40	9.00	10.50	12.70		
December					9.10	7.50	10.60	17.50	17.00	5.30		
TOTALS . . .					(93.50)	64.60	75.20	94.30	81.80	84.60		

1894. g. removed from Arncliffe in March (P.T. Holmes Lewis and 1.22.)

RAINFALL AT Thirlmere Dale Head Hall

Lat.

Lon.

County of Cumberland

Rain Gauge, by

Observer, C. H. Hill Esq. C.E.Serpent - 2.

Diameter ..	7											
Height	15											
Altitude ..	620 I											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	9.90	5.20	5.70	13.30	10.90	4.40	12.20	2.50	8.20	8.60	8.090	
February ..	8.90	3.30	3.20	15.20	8.00	5.40	5.70	4.00	4.70	5.00	6.340	
March90	5.10	5.40	18.80	6.20	7.50	5.50	6.50	7.60	5.90	6.940	
April	4.10	4.80	5.00	2.10	7.50	8.20	1.70	4.20	3.80	4.50	4.590	
May	5.90	2.00	4.00	5.10	4.40	3.00	8.50	7.80	4.70	2.90	4.830	
June	6.70	3.70	1.20	2.50	3.30	3.60	2.10	8.90	0.40	3.70	3.910	
July	2.80	1.70	3.70	5.00	4.20	1.80	3.50	2.40	4.50	8.30	3.790	
August	8.40	7.10	3.00	11.40	6.80	6.50	7.40	6.70	10.00	4.40	7.170	
September ..	5.70	5.80	4.70	7.70	4.20	5.80	2.30	1.10	8.10	3.10	4.850	
October	9.70	7.30	6.90	18.50	4.40	6.50	11.60	12.10	3.80	15.50	9.630	
November ..	7.60	8.40	7.00	6.00	5.10	10.50	7.60	6.60	5.20	5.90	7.000	
December ..	19.20	7.50	10.50	8.10	9.70	5.10	4.50	10.90	6.90	9.60	9.200	
TOTALS ..	89.80	61.90	60.30	113.70	74.70	68.30	72.60	73.70	71.00	77.40	76.340	

H. H.

RAINFALL at Thirlmere Dale Head Hall (in Valley)County of CumblandObserver G. Hill Esq. C.E.River Basin Derwent 2

Rain Gauge, by _____

Diameter ...	7										
Height	1.5										
Altitude ...	620T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 MEANS Totals
January ...	8.80	4.50	8.60	10.20	6.70	10.10	12.30	2.90	9.90	9.50	34.40
February ...	12.30	9.10	5.80	6.70	15.80	13.90	9.80	1.50	10.80	1.20	23.30
March	5.70	2.30	11.10	11.90	9.70	2.40	3.00	4.10	2.90	6.80	16.80
April	6.00	5.80	1.40	10.70	3.10	5.00	6.00	3.90	1.60	3.90	15.40
May	3.80	5.50	2.90	5.00	4.40	1.60	4.80	4.20	2.80	2.70	14.20
June	1.70	5.50	8.00	6.10	2.20	.90	4.00	3.60	2.20	3.40	13.20
July	6.80	1.60	6.80	.80	5.00	6.40	4.60	1.70	5.20	2.20	13.70
August	12.60	6.60	7.50	3.10	5.90	4.30	3.90	13.40	6.90	5.10	30.00
September ..	.70	4.40	4.40	3.60	3.90	1.40	3.80	7.60	14.70	5.70	31.80
October ...	4.30	8.40	9.20	6.90	2.00	2.10	20.70	13.80	12.20	2.90	49.60
November ..	6.10	11.60	6.60	9.20	12.60	3.80	11.60	7.80	7.20	6.20	32.80
December...	10.50	18.70	15.30	7.40	18.10	15.50	6.90	3.80	10.20	12.50	33.40
TOTALS ...	79.30	84.00	87.60	81.60	89.40	67.30	91.40	68.30	86.30	62.60	308.60

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

RAINFALL at Thirlmere (Dale Head Hall) W. W. G.County of Cumberland,Observer Manchester Corpn. W. W.River Basin Derwent - 2Type of Gauge Annual Average 86.7 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. P. B. 408
660604/26.

Diameter	6.			5							
Height	1.0.										
Altitude	620.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total
January	7.20	18.30	11.64	16.92	4.47	15.01	15.51	14.31	14.07	1.63	11.906
February	6.60	.22	9.06	.60	16.54	5.69	11.04	5.26	13.06	3.38	7.145
March	2.00	6.50	7.24	6.48	2.41	5.45	5.40	6.83	7.37	9.53	5.921
April	3.90	9.00	2.77	6.74	6.22	2.17	5.13	1.14	3.94	4.52	4.556
May	5.70	5.28	4.66	7.33	1.14	1.86	3.19	6.80	1.63	2.07	3.966
June	8.30	4.49	2.71	3.75	7.96	5.55	3.63	12.64	6.20	.93	5.116
July	9.70	8.21	7.42	2.20	3.23	9.00	4.12	11.31	10.42	9.11	7.472
August	5.10	1.63	5.23	9.17	3.72	3.58	3.85	5.39	3.99	3.77	4.543
September	3.70	8.30	2.46	12.35	14.81	9.99	7.78	5.59	2.62	7.12	7.472
October	6.10	13.54	6.91	14.64	14.78	8.24	6.44	20.98	5.45	9.53	10.664
November	19.60	6.67	4.07	2.76	9.18	11.98	2.92	16.44	14.82	11.75	10.016
December	8.20	17.15	1.28	16.43	6.33	16.50	7.23	8.67	4.65	9.66	9.610
TOTALS	86.10	99.29	65.45	99.37	90.79	95.05	76.24	115.33	88.24	73.00	88.886

Turf wall set up Dec 1931

Printed in BR with footnote "Turf wall round gauge"

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

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

Station No. T.F. 3638

RAINFALL at § Thirkmere (Dale Head Hall)

41

County of Cumberland Observer Manchester Corp W.W.River Basin Deerfoot - 2

Type of Gauge

Annual Average 34.7 in. based on 5 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 196738/52File No. 66064/24

Diameter	5"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"	50"
Height	1' 0"																							
Altitude	620'																							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals	1941-50	1941-50	1941-50	1941-50	1941-50	1941-50	1941-50	1941-50	1941-50	1941-50	1941-50	1941-50
January	3.69	6.68	16.43	12.33	6.02	12.66	12.30	6.54	6.60	8.62	101.67													
February	10.52	2.98	8.63	4.96	11.03	5.92	2.35	8.59	8.30	12.63	75.71													
March	4.75	7.40	2.89	.98	5.73	5.10	9.54	8.87	2.91	6.22	54.42													
April	4.06	6.99	5.43	4.93	4.73	2.12	13.92	4.20	10.95	6.47	63.80													
May	5.41	8.13	8.26	3.91	7.48	1.84	5.07	3.09	14.31	2.76	50.26													
June	.73	1.35	6.50	6.83	6.83	6.87	5.73	11.14	1.64	3.97	51.59													
July	2.02	5.75	5.03	4.29	6.44	5.85	4.46	5.35	2.58	5.57	47.34													
August	11.91	10.42	11.89	5.95	2.36	10.71	.06	8.73	4.78	12.33	79.14													
September	2.37	9.40	9.27	9.95	9.11	14.01	7.85	9.18	3.57	18.86	93.57													
October	8.19	11.29	13.35	9.70	11.06	1.14	2.01	4.63	11.74	7.85	83.96													
November	8.03	2.68	6.31	13.89	.82	16.61	17.04	4.64	15.11	9.32	97.35													
December	6.08	16.00	5.84	10.23	8.12	12.43	4.24	13.61	16.51	4.42	97.48													
TOTALS	67.76	89.07	99.83	87.95	79.73	95.26	84.57	104.07	89.63	99.02	896.29													

* § Tuff wall round gauge.

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

BRITISH RAINFALL ORGANIZATION

Station No. 3638 TF 39RAINFALL at § Thirlmere (Dale Head Hall)

51

County of LancashireObserver Manchester Corp. W. W.River Basin Levent - 2

Type of Gauge

Annual Average 86.7 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. 8.13.408
" " 90.65 " " 27 " " 1931-57 " " 1916-58 File No. 196 738/57
E2-0134/59 -E2-0134/59

Diameter ...	5'				592	849						
Height ...	1' 0"					1						
Altitude ...	620'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	8.99	7.41	4.19	7.45	7.19	5.71	15.34	8.69	6.54	11.06	82.57	
February ...	10.52	2.09	3.69	7.45	3.69	1.59	10.08	11.00	2.48	11.47	64.66	
March ...	8.84	5.60	1.28	6.99	2.75	3.99	6.82	2.07	8.29	3.20	49.83	
April ...	7.08	5.48	6.67	1.83	3.09	1.85	1.95	2.94	7.68	8.27	46.84	
May ...	4.38	4.63	4.64	7.44	6.98	3.91	4.19	7.83	2.20	3.55	49.83	
June ...	2.32	4.06	3.83	6.66	6.35	4.30	2.40	6.75	5.38	4.22	44.27	
July ...	4.58	5.03	9.89	8.02	3.61	7.98	5.91	4.68	6.74	8.08	64.52	
August ...	9.84	11.01	9.01	6.99	4.13	12.51	9.46	7.04	1.34	5.33	76.66	
September ...	13.55	8.89	13.07	14.12	5.23	6.11	8.92	11.23	1.29	5.43	87.84	
October ...	1.74	9.53	5.91	18.04	6.02	7.11	10.52	8.26	11.63	6.24	85.00	
November ...	22.38	5.24	15.09	22.27	4.25	3.72	4.62	1.98	14.22	18.59	112.36	
December ...	17.96	7.07	5.84	13.76	11.45	14.12	11.05	8.83	19.55	10.19	119.82	
TOTALS ...	112.18	76.09	83.11	121.05	63.74	72.90	91.26	80.90	87.34	95.63	884.20	10
	D	D	D	D	D	D	D	D	D	D		

Insh. July 1956 Docks. 9/2 W.

§ Turf wall.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 35 / 314175

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	-	-	but - 31-39	✓	