

on the East Coast Railway,
RAINFALL AT ~~The Lune Station~~ At Chapel-en-le-Frith (approximately)
From Memoirs of the Literary Philosophical Society of Manchester
Author *W. J. H. G.* Observer *James Fleming, Esq.* Vol VI. 2nd Series, p. 580

Rain { By.....
Gauge Diameter.....in. Height above Ground,.....ft.....in. Above Mean Sea Level *1121*. ft.

YEAR.....	1840	MEANS.
January.....	4.81	
February.....	2.00	
March.....	1.50	
April.....	1.10	
May.....	2.08	
June.....	4.09	
July.....	7.20	
August.....	8.02	
September.....	5.01	
October.....	3.81	
November.....	8.07	
December.....	1.60	
TOTALS	48.48	

MET. O. E. RAINFALL REC'D.

558282

NGR: SK (43) 056795

ALT: 880 ft = 268 metres. Date of review: 25-7-78

Chapel Dale Irith

Ex 40

Beside the top of the incline on the Peak Forest Railway Derby.
on Ashton D. & L. Canal

Gauge on the ground 1121 ft + 1 level
Upper money - 1.

YEAR --	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January --	4.80				3.6	2.6	4.4	2.8			
February --	2.00				2.9	2.0	1.6	3.9			
March --	1.50				4.5	2.2	2.6	1.3			
April --	1.10				1.1	2.8	5.3	3.9			
May --	2.08				.3	2.3	1.9	4.5			
June --	4.09				1.9	4.0	4.0	3.2			
July --	7.20				4.4	3.9	2.9	1.5			
August --	8.02				4.3	7.6	5.0	2.9			
September --	5.01				2.7	3.6	1.3	6.4			
October --	3.01				3.4	3.1	5.4	4.3			
November --	8.07				3.7	3.1	2.4	3.6			
December --	1.60				.2	6.0	2.0	5.7			
TOTALS -	40.48				33.00	43.20	38.80	44.00			

0 Mon Mem 7-32 846

Wharfedale
1 mile SE of Chapel Dale

Chapel-en-le-Frith
M.S & L.H.

50

Bedsy.

Ms. Recd

965ft + msl

Upper mercury - 1.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	4.40	6.52	2.34	3.32		2.32		1.02	2.77		
February - -	2.23	5.25	1.02	2.26		1.96		.07	3.29		
March - - -	4.16	.44	.58	1.21		.25		2.07	5.10		
April - - -	1.58	.20	2.32	.41	1.07	2.37		2.21	4.00		
May - - -	2.31	1.76	.77	1.16	1.67	2.32		2.95	.38		
June - - -	4.70	2.32	2.80	2.32	2.81	2.06		6.16	1.72		
July - - -	3.72	2.38	2.62	2.20	3.80	2.42		2.92	1.43		
August - -	2.09	5.19	2.82	2.00	2.36	3.27		4.13	5.57		
September -	2.18	2.33	2.80	2.50	.96	2.32		4.19	4.28		
October - -	3.45	2.32	3.50	1.15	5.56	2.32		5.35	2.77		
November -	1.97	5.20	2.90	4.30	.73			1.53	3.64		
December -	1.73	4.00	.53	6.98	1.49			4.05	3.31		
TOTALS -	34.52	38.21	25.00	30.31				36.65	38.42		

c c c c c c c c c c

Chapel-en-le-SouthTop of the inclined Plane Rd & L.R.

+ ground 3 ft. 6 in. 965 ft. + m.s.l.

Upper Measur - *.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.34	2.9	3.24	6.63	1.85	3.19	5.42	3.73	2.36	4.19	3.524
February - -	1.16	3.09	2.92	1.38	2.90	1.87	4.74	4.63	3.66	4.45	2.880
March - - -	5.62	6.53	3.15	1.44	3.09	2.41	2.85	2.34	5.65	.92	3.400
April - - -	1.50	1.29	2.53	1.94	1.78	1.86	1.39	6.44	3.17	2.37	2.427 -
May - - - -	3.70	.99	3.98	3.12	2.32	2.78	1.87	1.93	1.54	3.47	2.570
June - - - -	6.02	3.67	5.57	3.86	3.54	.67	5.19	2.25	.50	1.81	3.302
July - - - -	3.39	4.36	4.79	2.34	1.91	2.25	4.07	4.83	.34	.74	2.902
August - - -	6.34	2.42	3.08	4.35	3.33	5.49	5.47	2.51	3.95	3.06	4.000
September - -	2.68	5.22	3.71	6.80	4.06	.44	6.36	2.92	2.63	7.15	4.197
October - -	4.93	1.70	5.67	6.58	2.43	6.93	3.04	4.75	5.61	3.53	4.517 +
November - -	2.91	4.53	1.57	4.04	4.78	4.75	7.10	1.34	2.53	4.94	3.849
December - -	2.40	3.10	3.76	4.17	2.95	1.39	4.79	5.84	4.20	6.19	4.379
TOTALS -	44.99	37.19	41.91	46.65	34.94	34.03	52.29	43.51	44.14	42.82	41.947

c c c t c c c c c c c

1868 Average 15 yd 38.65

RAINFALL AT Chapel-en-le-Frith

Lat..... Long..... County of Derby.....

Rain Gauge, by..... Observer M. A. L.

Upper money - 1.

Diameter.....	9										
Height.....	3.6										
Altitude.....	965	968	965								
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.94	1.55	7.45	3.75	4.24	4.90	1.79	5.70	4.21	1.27	3.880
February.....	2.42	3.84	3.36	7.3	2.28	1.25	4.59	4.82	1.27	3.20	2.776
March.....	3.24	7.46	4.90	3.23	3.52	.67	4.21	2.88	2.07	1.81	2.799
April.....	7.57	4.30	3.81	7.7	2.67	1.37	2.12	2.75	1.60	2.02	2.298
May.....	2.03	3.23	3.80	3.52	1.57	2.18	1.16	3.86	4.79	2.23	2.834
June.....	1.69	4.85	9.12	3.33	.63	3.14	3.97	3.51	2.71	5.20	3.815
July.....	1.78	4.53	5.783	10.266	3.90	2.06	4.37	1.01	5.36	3.455	
August.....	1.57	2.45	3.67	4.11	6.13	2.83	3.87	6.21	4.39	7.18	4.241
September.....	3.11	4.75	7.85	2.89	3.21	4.69	5.09	2.73	3.94	2.84	4.110
October.....	11.11	8.03	8.47	4.50	4.92	6.02	3.12	4.77	4.66	2.22	5.582
November.....	2.82	1.73	5.52	3.93	5.18	4.74	4.08	5.78	3.16	1.64	3.838
December.....	2.62	2.83	4.04	1.02	2.43	1.96	7.01	4.35	1.67	1.37	2.930
TOTALS.....	37.90	4.155	67.77	34.68	39.44	37.65	43.07	51.73	35.48	36.34	42.561
	C	C	C								

1870 On the top of inclined Plane

RAINFALL AT Chapel-en-le-Frith

Lat.

Lon.

County of Derby

Rain Gauge, by

Observer

M. S. & L. C. R. G. Co.

Upper Mersey - I.

Diameter	9										
Height	3.6										
Altitude	965 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	2.23	.27	3.29	5.53	5.19	2.91	4.40	1.94	1.48	1.86	2.919
February	4.33	5.21	3.29	3.94	3.20	3.69	6.3	.80	.92	1.63	2.764
March	3.56	3.63	2.32	.73	2.76	2.44	3.21	1.66	2.43	2.88	2.562
April	1.65	1.15	4.40	2.23	1.51	1.63	2.03	.86	1.94	3.50	2.090
May	2.75	3.68	1.92	1.17	1.97	2.87	6.31	2.30	1.04	2.82	2.683
June	2.94	2.15	5.39	4.41	2.20	3.13	1.66	.39	1.98	.58	2.483
July	4.96	2.48	5.48	3.26	5.31	1.53	4.70	1.28	5.57	3.66	3.826
August	1.98	5.10	3.46	3.27	2.33	1.70	2.28	2.00	3.68	4.34	3.014
September	5.78	2.50	2.57	6.71	3.38	4.63	2.34	3.35	1.22	3.38	3.586
October	5.03	4.71	3.79	5.58	2.46	8.66	6.12	2.20	1.39	4.66	4.460
November	4.54	5.28	6.94	3.71	1.82	3.71	3.08	2.30	7.48	1.60	4.046
December	5.29	3.96	4.29	3.44	4.70	1.91	5.53	2.58	3.15	2.74	3.759
TOTALS	45.07	40.12	47.16	43.98	36.86	38.81	42.38	21.66	32.28	33.65	38.192

N.B. Rejected from Survey as 8" too low.

RAINFALL AT Chapel-en-le-Firth

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

Dr. S. F. L. R. C.

Upper mercury - 1.

Diameter	9										
Height	3	6									
Altitude	965T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.12	2.92	2.46	2.42	3.64	2.93	1.33	1.17	1.92	4.72	2.862
February64	.29	1.80	4.31	4.84	.41	2.38	2.54	2.80	2.13	2.214
March	3.86	2.24	.67	.82	3.47	4.04	5.67	5.10	1.29	1.90	2.966
April93	2.64	1.21	.65	2.58	1.95	1.58	3.28	2.65	5.00	2.247
May	2.59	3.83	3.91	2.59	2.52	.86	.77	2.25	4.93	2.64	2.689
June	4.04	2.63	3.53	2.28	3.26	1.78	4.09	2.60	2.50	2.17	2.888
July	3.43	2.67	4.14	4.13	4.04	6.96	1.73	1.62	1.60	1.95	3.227
August	5.38	5.82	3.52	2.99	3.67	2.89	3.42	3.72	4.62	1.99	3.802
September95	2.89	3.06	3.44	.43	.75	8.71	4.90	.70	5.34	3.117
October	2.71	6.17	6.77	2.01	5.48	3.40	4.45	1.64	4.03	3.67	10.023
November	6.73	3.80	2.53	2.60	2.68	4.20	1.35	4.69	2.73	2.29	3.260
December17	7.10	1.95	4.84	2.93	3.27	6.17	4.78	5.18	2.94	3.932
TOTALS	36.55	43.00	35.55	33.08	39.54	33.44	41.65	38.29	34.95	36.74	27.279

NB. Rejected from Survey as 8" low.

1860 -

RAINFALL AT Chapel-en-le-Frith

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer, Gt Central Railway Co

Upper mercury - 1.

Diameter ..	9										
Height	3 6										
Altitude ..	965 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.80	2.02	2.10	4.34	4.09	2.01	5.18	1.17	2.59	1.75	3105
February ..	3.45	1.57	1.26	3.40	4.01	2.27	3.13	2.00	3.31	2.31	2671
March ..	.79	3.25	2.79	4.84	1.74	4.31	3.14	2.96	3.48	3.21	3051
April.....	2.09	2.92	2.33	2.16	2.24	2.57	1.84	2.09	2.33	2.58	2315
May	1.82	1.62	3.60	2.35	2.39	.83	3.58	3.99	3.62	2.49	2629
June	4.11	1.68	1.48	.83	.98	2.32	1.40	6.03	1.84	2.81	2345
July	2.99	3.22	2.64	2.63	1.25	1.89	1.64	3.27	3.87	3.98	2738
August	4.95	2.14	2.86	4.70	4.56	4.46	2.82	4.03	3.87	2.53	3693
September..	1.08	1.21	1.17	5.60	1.57	2.05	1.32	.66	3.54	2.50	2070
October....	4.63	3.32	4.46	8.90	1.04	3.25	6.25	5.01	1.25	5.77	4388
November ..	3.01	5.24	2.36	2.90	2.31	4.76	3.09	2.66	3.08	1.39	3080
December ..	5.71	5.02	3.45	2.57	2.16	.61	3.01	3.84	2.83	6.68	3588
TOTALS ..	40.43	33.21	30.50	45.22	28.31	31.33	36.40	37.71	35.61	38.00	35.62

N.B Rejected from Survey as 8° Low.

RAINFALL at Chapel-en-le-Frith

County of Derbyshire

Observer Great Central Railway Co.

River Basin Upper Macclesfield

Rain Gauge, by

Diameter ...	9										
Height	3.6										
Altitude ...	965 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.11	1.84	3.27	3.32	2.57	5.30	2.65	1.88	2.11	3.58	
February ...	4.70	3.58	1.64	1.51	3.39	5.07	4.35	1.83	3.71	1.26	
March	1.18	2.02	4.62	5.14	4.15	1.08	2.12	2.01	1.86	3.77	
April	4.12	2.55	.79	4.96	1.64	1.49	2.77	1.66	1.69	2.16	
May	2.46	1.40	2.22	2.59	2.79	1.35	1.82	1.36	3.71	1.28	
June	2.28	2.91	4.02	2.14	2.66	2.21	3.23	2.09	1.60	2.06	
July	5.99	.38	4.98	1.48	4.13	5.09	2.13	1.34	3.54	3.38	
August	5.45	2.49	6.55	1.79	3.52	2.58	2.34	6.06	2.81	2.97	
September ..	.36	2.66	1.86	1.84	2.79	.61	1.96	1.73	9.20	2.87	
October ...	2.40	2.81	3.46	2.98	2.63	1.66	6.08	5.55	2.22	2.62	
November ...	5.69	4.30	2.45	3.45	4.67	2.44	3.53	2.85	2.50	2.72	
December ...	5.99	7.28	4.86	1.78	7.46	7.97	2.63	1.38	6.83	6.97	
TOTALS ...	43.79	34.22	40.72	32.98	42.40	36.85	34.61	28.74	41.78	35.64	

1912 & at top of inclined plane

N.B. Reputed from Survey as 8° Slope.

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

RAINFALL at Chapel-en-le-Frith

County of Derbyshire

Observer Great Central Railway Co.

River Basin Upper Mersey

Rain Gauge, by _____

Diameter ...	9									
Height	3.6									
Altitude ...	965									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January ...	4.45	5.29	3.94							
February ...	3.75	3.9	4.68							
March	2.56	2.80	2.31							
April.....	6.37	1.56	2.91							
May	6.11	1.68	1.04							
June	3.26	2.26	2.20							
July	5.08	1.17	5.00							
August	2.04	4.29	5.16							
September...	2.21	1.93	3.52							
October.....	2.43	2.22	1.08							
November...	1.42	2.42	2.58							
December...	3.27	5.04	4.35							
TOTALS...	41.95	28.05	38.77	H						

*N.B. Repealed from Survey as 8" low.*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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at

CHAPEL-EN-LE-FRITH.

County of Derry

Observer F. A. G. S. LTD.

River Basin 1 - Mangan River

.....

Type of Gauge..... M. O.....

(95A N.P. incomplete)

Seite bearbeitet 1952 by M. Vassiljev of Rostov-on-Don

Temp. 17.5° McDonald 13.5° S. Gang on edge of grass plot which is to be retilled. Ground slopes steeply toward stream bed and grass is short and sparse.

1953 Pink

1958. Inst. J. Hardisty, 24/10/58 - satisfactory. - Leaf in inner case - hyperic
on spot: fine hair set in concrete covered with granite chippings.

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 43/057809

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

Summary of Earlier Records from 10-year Sheets:

Summary of Service Records from 20-year Checks I					
	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					