

RAINFALL AT

on the East Forest Railway,
The Engine Station, St. Raphael, St. Tropez (one mile south)

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Authority Observer *Thomas Hewing, Esq.*

Rain { By.....
 Gauge {
 Diameter.....in.

Height above Ground,.....ft.....in.

Above Mean Sea Level *421* ft.

YEAR.....	1840									MEANS.
January.....	4.80									
February.....	2.00									
March.....	1.50									
April.....	1.10									
May.....	2.08									
June.....	4.00									
July.....	7.20									
August.....	8.02									
September.....	5.01									
October.....	3.81									
November.....	8.07									
December.....	1.60									
TOTALS	48.48									

MET. O. B. RAINFALL
 RETROS. 1840

558282

NGR: SK(43)056795

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

Chapelale Smith

Box 40

Near the top of the incline on the Peak Forest Railway
on Ashton P.C. branch Derby.

Gauge on the ground

1121 ft. + 1 level

Upper runway - 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 -	48.48				33.00	43.20	38.00	44.00			

0 from March 7-32 to 46

1 mile SE of Chapelale Smith

Chapel-en-le-Grith
M L & L H.

50

sering.

Wup. Prot.

965 ft + m s l

Upper mercury - 1.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	4.2	4.40	6.82	2.34	3.32		2.32		1.02	2.77	
February - -	4.4	2.23	5.25	1.02	2.26		1.96		.07	3.29	
March - - -	3.3	4.16	.44	.58	1.21		.25		2.07	5.10	
April - - -	4.0	1.58	.20	2.32	.91	1.07	2.37		2.21	4.00	
May - - - -	1.5	2.31	1.76	.77	1.16	1.67	2.32		2.95	.30	
June - - - -	3.2	4.70	2.32	2.80	2.32	2.81	2.06		6.16	1.72	
July - - - -	1.2	3.72	2.38	2.62	2.20	3.60	2.42		2.92	1.43	
August - - -	5.5	2.09	5.19	2.82	2.00	2.36	3.27		4.13	5.57	
September -	2.5	2.18	2.33	2.80	2.50	.96	2.32		4.19	4.20	
October - -	2.5	3.45	2.32	3.50	1.15	5.56	2.32		5.35	2.77	
November -	2.5	1.97	5.20	2.90	4.30	.73			1.53	3.64	
December -	2.5	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-Smith

Top of the inclined Plane No 8 & 1 R

Sedg.

+ Ground 3^{ft} 6 965 ft + m s l

upper heavy - P.

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	.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	2.870
June -	6.02	3.67	5.57	3.86	3.54	.67	5.19	2.25	.50	1.01	3.302
July -	3.39	4.36	4.79	2.34	1.91	2.25	4.07	4.83	.34	.76	2.902
August -	6.34	2.42	3.08	4.35	3.33	5.49	5.47	2.51	3.95	3.06	4.010
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	9.20	6.19	4.379
TOTALS -	44.99	37.19	41.91	46.65	34.94	34.03	52.29	43.51	41.14	42.82	41.947

c c c c c c c c c c

1868 Average 15 yrs 38.65

RAINFALL AT *Chapel en le Frith*

Lat.....

Lon.....

County of.....

Derby

Rain Gauge, by.....

Observer.....

*M. S. L. H.**Upper mercury - 1.*

Diameter.....	<i>.9</i>											
Height.....	<i>3.6</i>											
Altitude.....	<i>965</i>	<i>962</i>	<i>965</i>									
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	<i>3.94</i>	<i>1.55</i>	<i>7.45</i>	<i>3.75</i>	<i>4.24</i>	<i>4.90</i>	<i>1.79</i>	<i>5.70</i>	<i>4.21</i>	<i>1.27</i>	<i>3.880</i>	
February.....	<i>2.42</i>	<i>3.84</i>	<i>3.36</i>	<i>.73</i>	<i>2.28</i>	<i>1.25</i>	<i>4.59</i>	<i>4.82</i>	<i>1.27</i>	<i>8.20</i>	<i>2.776</i>	
March.....	<i>3.24</i>	<i>7.46</i>	<i>4.90</i>	<i>3.23</i>	<i>3.52</i>	<i>.67</i>	<i>4.21</i>	<i>2.88</i>	<i>2.07</i>	<i>1.81</i>	<i>2.799</i>	
April.....	<i>1.57</i>	<i>4.30</i>	<i>3.81</i>	<i>.77</i>	<i>2.67</i>	<i>1.37</i>	<i>2.12</i>	<i>2.75</i>	<i>1.60</i>	<i>2.02</i>	<i>2.298</i>	
May.....	<i>2.03</i>	<i>3.23</i>	<i>3.80</i>	<i>3.52</i>	<i>1.57</i>	<i>2.18</i>	<i>1.16</i>	<i>3.86</i>	<i>4.79</i>	<i>2.23</i>	<i>2.837</i>	
June.....	<i>1.69</i>	<i>4.85</i>	<i>9.12</i>	<i>3.33</i>	<i>.63</i>	<i>3.14</i>	<i>3.97</i>	<i>3.51</i>	<i>2.71</i>	<i>5.20</i>	<i>3.815</i>	
July.....	<i>1.78</i>	<i>4.53</i>	<i>5.78</i>	<i>3.10</i>	<i>2.66</i>	<i>3.90</i>	<i>2.06</i>	<i>4.37</i>	<i>1.01</i>	<i>5.36</i>	<i>3.455</i>	
August.....	<i>1.57</i>	<i>2.45</i>	<i>3.67</i>	<i>4.11</i>	<i>6.13</i>	<i>2.83</i>	<i>3.87</i>	<i>6.21</i>	<i>4.39</i>	<i>7.18</i>	<i>4.241</i>	
September.....	<i>3.11</i>	<i>4.75</i>	<i>7.85</i>	<i>2.89</i>	<i>3.21</i>	<i>4.69</i>	<i>5.09</i>	<i>2.73</i>	<i>3.94</i>	<i>2.84</i>	<i>4.110</i>	
October.....	<i>11.11</i>	<i>6.03</i>	<i>8.47</i>	<i>4.50</i>	<i>4.92</i>	<i>6.02</i>	<i>3.12</i>	<i>4.77</i>	<i>4.66</i>	<i>2.22</i>	<i>5.582</i>	
November.....	<i>2.82</i>	<i>1.73</i>	<i>5.52</i>	<i>3.73</i>	<i>5.18</i>	<i>4.74</i>	<i>4.08</i>	<i>5.78</i>	<i>3.16</i>	<i>1.64</i>	<i>3.838</i>	
December.....	<i>2.62</i>	<i>2.83</i>	<i>4.04</i>	<i>1.02</i>	<i>2.43</i>	<i>1.96</i>	<i>7.01</i>	<i>4.35</i>	<i>1.67</i>	<i>1.37</i>	<i>2.930</i>	
TOTALS.....	<i>37.90</i>	<i>4.55</i>	<i>67.77</i>	<i>34.68</i>	<i>39.44</i>	<i>37.65</i>	<i>43.07</i>	<i>51.73</i>	<i>35.48</i>	<i>36.34</i>	<i>42.561</i>	

*C C C**1870 On the top of inclined Plane*

RAINFALL AT Chapel-en-le-Frith

80

Lat. _____

Lon. _____

County of Derby

Rain Gauge, by _____

Observer M.S. & L.R. Co.

Upper heavy - 1.

Diameter	9											
Height	3.6											
Altitude	965											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	2.23	.27	3.29	5.53	5.19	2.91	4.49	1.94	1.48	1.86	2.919	
February	4.33	5.21	3.29	3.94	3.20	3.69	.63	.50	.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	5.34	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	115.04	40.12	47.14	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-Frith*

Lat. _____

Lon. _____

County of *Derby*

Rain Gauge, by _____

Observer *Enslin R C*

Upper Mercury - 1.

Diameter	9										
Height	3 6										
Altitude	965 ^T										
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
February ....	.64	.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	2.906
April .....	.93	2.64	1.21	.65	2.58	1.95	1.58	2.28	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	2.26	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	2.227
August	5.38	5.82	3.52	2.99	3.67	2.89	3.42	3.72	4.62	1.99	3.802
September...	.95	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	4.033
November...	6.73	3.80	2.53	2.60	2.68	4.20	1.35	4.69	2.73	2.29	3.260
December ...	.17	7.10	1.95	4.84	2.93	3.27	6.17	4.78	5.18	2.94	3.722
TOTALS	36.55	43.00	35.55	33.08	39.54	33.44	41.65	38.29	34.95	36.74	3.279

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

1860 -

RAINFALL AT Chapel-en-le-Frith

Lat.

Lon.

County of Derby

Rain Gauge, by

Observer G. 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	3.105
February ..	3.45	1.57	1.26	3.40	4.01	2.27	3.13	2.00	3.31	2.31	2.671
March ....	.79	3.25	2.79	4.84	1.74	4.31	3.14	2.96	3.48	3.21	3.051
April	2.09	2.92	2.33	2.16	2.24	2.57	1.84	2.09	2.33	2.53	2.315
May	1.82	1.62	3.60	2.35	2.39	.83	3.58	3.99	3.62	2.49	2.629
June	4.11	1.68	1.48	.83	.95	2.32	1.40	6.03	1.84	2.81	2.345
July	2.99	3.22	2.64	2.63	1.25	1.89	1.64	3.27	3.87	3.98	2.738
August	4.95	2.14	2.86	4.70	4.56	4.46	2.82	4.03	3.87	2.53	3.692
September..	1.08	1.21	1.17	5.60	1.57	2.05	1.32	.66	3.54	2.50	2.070
October....	4.63	3.32	4.46	8.90	1.04	3.25	6.25	5.01	1.25	5.77	4.388
November ..	3.01	5.24	2.36	2.90	2.31	4.76	3.09	2.66	3.08	1.39	3.080
December ..	5.71	5.02	3.45	2.57	2.16	.61	3.01	3.94	2.83	6.68	3.588
TOTALS ..	40.43	33.21	30.50	45.22	28.31	31.33	36.40	37.71	35.61	38.00	35.62

NB Reflected from Rainy as 8° Low.

RAINFALL at *Chapel-en-le-Frith*County of *Derbyshire*Observer *Great Central Railway Co.*River Basin *Upper Mersey* 1

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	.83	3.71	1.26	
March	1.18	2.02	4.42	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	5.08	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 ...	43.73	34.22	40.72	32.98	42.40	36.45	34.61	28.74	41.78	35.64	

1912 8 at top of inclined plane

NB. Corrected from Survey as 8° S.W.

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

RAINFALL at Chapel-en-le-FrithCounty of DerbyshireObserver Great Central Railway Co.River Basin Upper Mersey 1

Rain Gauge, by _____

Diameter ...	9										
Height	3.6										
Altitude ...	965										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	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	5.11	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	33.77	#							

*No. Reported from Survey as 8" Low.*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

