

Woodhead Station

Ex 40

Derby.

+ Sea Level 1000 ft

Upper Mersey - 1.

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -											2.20
February - -											2.64
March - - -											1.84
April - - -											3.21
May - - - -											3.16
June - - -											2.62
July - - - -											1.29
August - - -											1.57
September - -											2.98
October - -											4.72
November - -											2.45
December - -											4.44
TOTALS - -											33.72

Barometers don't like gauge

Mar. 1st 7-60

1845 July 3 = 1.81

1846 Sept 5 = 1.66

Jan 23 = 1.69

Sept 6 = 2.29

Aug 1 = 1.93

Sept 1 = 1.17

Oct 28 = 1.20

1849 Sept 3 = 1.27

In the first Derby rain gauge and water standing
height of a foot on April 14 1861

Woolhead (Derbyshire)
M. S. & L. R.

Mpsl

939 ft + m.s.l

Upper measy - 1.

YEAR -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -			b.07		2.29	1.86	1.22	3.20	.92	1.95	
February - -			b.14		1.55		4.66	1.35	.68	3.33	
March - - -			.40	.15	1.52	2.20	.48	3.33	2.29	6.43	
April - - -			.20	1.49	.54	.75	3.68	2.25	3.50	6.29	
May - - -			1.91	1.78	2.93	2.26	2.66	1.31	3.05	.38	
June - - -			4.15	3.86	2.03	3.03		2.96	4.57	3.42	
July - - -	#2.20	1.74	3.05	2.96	3.06	2.99	3.26	2.91	2.44		
August - -	2.42	3.22	1.43	1.29	2.32	7.42	7.21	3.58	10.69		
September -	1.83	3.50	2.36	1.91	.87	5.01	3.90	3.66	7.14		
October - -	3.01	4.02	4.03	1.98	7.37	2.95	1.71	6.83	5.05		
November -	.79	5.67	2.22	3.95	.81	.90	1.86	1.55	5.34		
December -	1.33	5.04	1.63	4.77	.85	2.89	1.23	4.25	5.18		
TOTALS -			37.03		37.73			33.57	37.79	57.64	

c c c c c c c c c

7 M.S. & L.R. ppr

RAINFALL AT Woodhead stationM S & L R (Derbyshire)

Observer.....

Rain { By.....
 Gauge } Diameter.....in. Height above Ground, 3 ft. 6 in. Above Mean Sea Level 878 ft.

Upper mercury - 1.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	5.46	1.20	3.14	8.36	2.20	4.35	6.39	6.08	4.51	4.17	4.586
February	2.89	6.22	1.06	1.90	4.39	3.27	6.00	5.66	4.32	7.39	4.310
March	8.28	9.83	4.50	1.49	2.72	1.44	2.73	2.17	6.99	1.75	4.190
April.....	3.11	2.50	3.34	2.29	1.52	1.31	2.82	7.89	3.47	3.07	3.132
May	5.32	2.13	6.30	2.49	3.66	2.85	3.07	2.44	1.86	5.27	3.539
June.....	11.22	4.13	4.22	4.79	3.65	.93	6.75	2.65	.46	1.14	3.994
July	3.38	4.60	5.59	2.09	1.82	4.51	5.60	6.44	.58	1.14	3.575
August.....	6.72	3.83	2.94	6.30	3.36	4.01	7.11	3.61	3.80	3.52	4.520
September.....	3.81	4.36	5.45	7.51	3.92	.64	7.74	3.81	3.75	9.88	5.087
October.....	7.30	1.72	6.92	7.56	3.21	7.26	3.50	4.76	7.29	4.46	5.398
November.....	6.01	6.13	1.16	5.41	6.86	4.72	9.13	2.31	3.74	5.52	5.099
December.....	2.85	2.99	3.89	4.88	2.67	1.50	5.55	5.01	10.96	7.28	4.758
TOTALS	66.35	49.64	48.57	55.07	39.98	36.79	66.39	52.83	51.73	54.59	52.188

+ c c c c c c c

1868 Average (15 yrs) 45.76

RAINFALL AT Woodhead Station.

Lat.....

Lon..... County of Derby.....

Rain Gauge, by.....

Observer M. S. & I. R.

Upper Mersey - 1.

Diameter	9										
Height	3	6									
Altitude	878										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.16	1.71	7.15	3.82	4.02	5.85	2.10	6.25	6.46	1.34	4.186
February.....	2.57	4.34	6.38	.83	2.82	1.29	6.10	6.52	2.10	4.16	3.711
March.....	3.14	1.39	3.03	3.22	4.59	.78	5.50	3.81	3.39	2.88	3.173
April.....	2.44	4.13	4.04	.81	2.47	2.14	3.28	3.48	2.40	2.89	2.808
May.....	2.02	2.50	3.86	3.81	2.04	3.24	1.72	5.88	5.17	3.40	3.364
June.....	2.73	5.49	7.26	3.72	1.16	3.99	3.96	3.59	4.26	5.66	4.182
July.....	-1.02	4.45	6.36	4.51	2.03	5.21	3.58	4.79	1.60	5.78	3.933
August.....	2.38	1.60	4.57	5.81	6.35	3.82	4.47	6.83	6.96	7.47	5.020
September.....	3.26	5.93	8.73	4.04	4.13	5.12	6.11	4.71	6.03	3.53	5.159
October.....	+13.38	4.88	6.805	74	4.67	5.72	2.93	5.45	4.16	3.28	5.701
November.....	2.96	1.73	7.49	4.84	4.84	7.01	4.27	8.60	3.90	2.35	4.799
December.....	3.15	2.78	4.36	1.62	3.72	2.07	9.76	5.48	1.49	3.95	3.838
TOTALS	42.21	40.93	69.97	42.77	42.84	46.24	53.78	65.39	47.92	46.69	49.874

C C C

RAINFALL AT Woodhead station

80

Lat.....

Lon.....

County of Derby

Rain Gauge, by.....

Observer M.S. & L.C.R.C.

Upper Mersey - 1.

Diameter	9										
Height	3.6										
Altitude	878 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January58	.61	4.87	7.14	8.05	3.23	6.77	2.59	3.68	4.30	4.182
February	6.02	6.01	3.89	5.46	3.36	4.85	6.67	1.05	2.09	2.26	3.566
March	4.65	5.73	4.33	.95	3.11	3.75	4.43	2.85	6.17	3.99	3.996
April	3.22	1.74	6.47	2.60	2.42	3.09	4.58	2.13	6.51	5.16	3.792
May	3.11	4.04	1.71	2.58	2.61	4.03	8.92	4.26	1.82	2.25	3.533
June	3.88	2.16	7.22	5.47	1.82	3.75	2.16	.69	3.70	.90	3.175
July	7.49	4.34	6.08	4.34	4.49	2.35	6.27	1.72	10.31	3.17	5.056
August	2.08	5.46	4.03	6.49	2.70	2.36	2.93	2.18	4.10	5.91	3.824
September	7.98	3.34	4.04	10.53	3.28	4.47	3.11	5.20	2.96	4.19	4.910
October	7.38	5.93	7.42	6.29	3.33	11.22	8.20	4.76	3.27	6.81	6.461
November	5.07	5.02	10.27	4.89	2.16	3.94	2.95	5.76	19.02	2.09	6.117
December	7.12	5.52	4.21	3.21	6.42	2.27	8.94	4.03	3.78	3.68	4.918
TOTALS	58.58	49.90	64.54	59.95	43.75	49.31	59.03	37.22	67.41	44.71	53.530

RAINFALL AT Woodhead Station

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

M.S. & L.R.C.

Upper Macclesfield - 1.

Diameter	9										
Height	3 6										
Altitude	878 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.87	4.03	4.47	2.13	4.30	4.60	2.58	3.32	3.00	6.08	3.838
February	1.33	.46	2.77	7.38	7.48	.84	2.42	3.53	4.32	1.75	3.228
March	5.44	3.11	1.01	.96	4.94	4.06	7.73	6.13	3.18	3.02	3.958
April	1.56	3.66	1.77	.71	2.70	2.75	1.99	4.25	3.13	4.36	2.688
May	4.19	4.27	6.01	3.22	2.41	.78	.50	1.49	5.17	3.57	3.161
June	4.03	2.72	4.45	2.56	4.01	2.33	6.26	5.32	2.67	1.88	3.623
July	3.79	4.02	3.55	5.10	3.72	8.86	1.79	2.18	.88	2.15	3.604
August	5.00	8.22	4.56	2.78	5.29	4.04	2.45	4.23	6.22	1.82	4.461
September	1.89	4.39	4.31	4.00	.94	1.37	8.78	5.02	.89	7.30	3.889
October	3.94	7.15	8.61	3.38	7.76	4.55	6.44	2.02	5.79	4.26	5.390
November	7.49	5.78	2.88	4.61	3.65	4.39	2.70	5.40	3.70	2.11	4.271
December	1.00	9.07	2.83	5.86	4.05	5.56	6.81	4.73	6.81	3.62	5.034
TOTALS	43.53	56.88	47.22	42.69	51.25	44.13	50.45	47.62	45.76	41.92	47.145

1895 -

RAINFALL AT Woodhead Station

Lat.

Lon.

County of Derby

Rain Gauge, by

Observer G. Central Railway Co

Upper Mosey - 1.

Diameter ..	9										
Height	3.6										
Altitude ..	8787										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.64	2.95	3.15	4.20	4.44	3.05	6.88	2.22	4.47	2.99	4.199
February ..	4.79	2.69	1.12	4.55	6.32	2.86	4.05	2.90	3.98	4.02	3.728
March	1.22	4.81	2.53	6.73	2.56	5.97	4.28	4.13	4.46	4.84	4.153
April	3.18	3.25	3.20	2.36	3.30	4.53	1.48	4.20	3.48	3.53	3.251
May	1.83	1.46	3.74	4.20	3.53	.71	4.33	4.38	4.01	2.82	3.101
June	3.20	2.06	1.98	2.30	1.33	3.70	1.87	8.14	2.19	5.13	3.190
July	4.38	5.48	3.68	4.31	3.67	3.20	2.88	3.80	5.21	6.36	4.297
August	8.12	2.98	3.96	6.23	5.26	5.23	4.11	4.85	3.39	3.28	4.741
September..	1.48	.88	2.09	5.59	1.88	3.71	1.89	.96	3.88	3.92	2.628
October....	5.96	4.13	6.67	10.33	1.73	4.32	7.21	8.27	1.78	6.08	5.648
November ..	3.87	6.77	3.21	4.46	4.86	6.62	6.72	4.60	3.34	2.17	4.664
December ..	7.10	7.21	4.43	2.81	3.31	1.36	5.04	5.49	3.69	7.78	4.822
TOTALS ..	52.77	44.69	39.76	58.07	42.19	45.26	50.74	53.94	43.88	52.92	48.422 466

H.W.B.

RAINFALL at Woodhead StationCounty of DerbyshireObserver Great Central Railway Co.River Basin Upper Merser

Rain Gauge, by

Diameter ...	9										
Height	3 6										
Altitude ...	8787										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.03	2.60	6.10	4.88	2.78	8.08	3.72	3.65	3.47	5.45	
February ...	7.25	6.36	2.57	1.68	3.29	6.73	5.99	.98	6.02	2.33	
March	1.15	4.48	6.68	5.63	6.86	1.99	4.45	2.70	2.08	7.18	
April	4.86	5.93	1.50	5.11	1.54	1.90	3.17	2.83	1.82	3.54	
May	4.36	1.72	4.64	3.33	2.97	1.65	2.49	2.17	2.55	2.01	
June	3.95	4.17	4.58	2.64	4.48	1.64	3.50	2.19	2.60	2.08	
July	6.32	.69	7.39	1.71	4.82	5.85	1.82	2.45	4.07	3.97	
August	6.86	3.20	9.19	1.75	3.72	5.61	2.79	6.78	3.30	4.44	
September ..	.48	4.22	3.06	2.98	2.63	.65	2.62	2.99	13.19	2.51	
October ...	3.34	4.52	4.68	4.72	3.45	2.86	7.39	7.32	3.90	4.72	
November ..	5.54	5.56	3.88	4.18	5.87	3.97	5.86	5.42	2.47	5.05	
December ...	8.97	8.46	6.89	3.26	8.06	9.24	4.26	3.39	10.20	9.23	
TOTALS ...	59.11	49.91	61.16	41.87	50.47	50.16	48.06	42.87	55.67	52.51	

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

RAINFALL at Woodhead StationCounty of DerbyshireObserver Great Central Railway Co.River Basin Upper Mersey

Rain Gauge, by _____

Diameter ...	9									
Height	3.6									
Altitude ...	878									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January ...	6.50	9.06	4.78							
February ...	4.56	6.4	7.12							
March	4.16	4.52	3.54							
April.....	7.56	2.46	4.23							
May	6.75	2.30	1.36							
June	3.35	5.0	2.86							
July	8.75	2.07	5.39							
August	3.10	6.83	6.71							
September...	2.80	1.78	5.70							
October.....	2.34	3.73	1.44							
November...	1.98	2.60	3.90							
December...	4.52	8.10	5.90							
TOTALS...	56.37	43.59	52.93#							

Position of Station on reduced Ordnance Survey } No. of Map Reference No.
Map, 2 miles to 1 inch Series }

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