

Manchester (Piccadilly)

50

*Wps Rts*

194 ft + msl

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	1.43	(3.50)	4.30	2.25	2.80	.83	2.51	3.29	2.01	2.01	
February - -	1.88	2.32	3.65	.70	2.04	1.39	3.23	1.61	1.88	2.86	
March - - -	.64	1.27	.50	1.78	1.53	2.28	.19	2.33	2.30	4.59	
April - - -	2.24	.71	.42	1.34	.60	1.31	2.47	2.72	2.63	2.90	
May - - - -	1.12	1.50	1.65	.27	2.26	1.61	2.58	2.93	2.37	.31	
June - - - -	1.10	4.03	3.30	4.77	2.10	4.07	3.02	3.33	3.52	2.13	
July - - - -	2.47	1.59	2.32	2.69	3.34	4.33	3.06	5.02	2.72	1.97	
August - - -	3.34	3.71	3.54	1.87	2.04	3.02	4.46	6.54	4.47	7.06	
September -	2.06	1.22	2.50	3.50	1.95	.85	3.16	3.69	3.73	4.12	
October - - -	2.52	3.09	3.22	1.56	3.12	5.10	2.47	1.97	5.20	3.49	
November -	2.54	1.41	4.10	1.46	3.12	.66	.30	1.86	1.55	3.44	
December -	3.05	1.29	4.86	1.15	5.20	1.06	(6.00)	1.72	4.10	3.26	
TOTALS -	24.39	25.64	34.36	23.34	30.10	26.51	34.05	37.03	36.48	38.13	31003

7 M S & L R ppr

Manchester  
Piccadilly  
M. S. & L. R.

+ ground 46 ft. 194 ft + m s l

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.61	.40	2.60	5.31	1.86	3.52	3.86	3.18	2.07	2.53	2.894
February - -	.81	2.77	.85	1.18	4.12	2.25	3.35	2.88	2.12	4.52	2.485
March - - -	3.79	5.96	3.77	.77	2.20	1.54	1.74	1.11	3.88	1.33	2.609
April - - -	1.46	1.66	3.24	1.28	1.58	1.07	.21	4.31	1.50	2.00	1.830 -
May - - - -	3.36	.95	4.96	2.21	3.67	2.44	1.76	1.62	1.01	2.67	2.465
June - - - -	7.49	1.97	3.76	4.77	3.22	.93	4.07	1.66	.82	1.90	3.029
July - - - -	1.91	4.25	5.38	2.06	2.14	3.25	3.76	3.81	.32	.97	2.785
August - - -	5.71	2.66	2.83	5.44	2.67	3.46	5.04	1.43	2.73	2.92	3.489
September -	3.17	4.85	5.31	6.61	4.65	.72	7.66	2.98	1.67	5.54	4.316
October - - -	4.26	1.70	5.91	6.82	2.11	4.74	2.54	3.82	4.87	3.15	3.992 +
November - -	2.56	5.14	1.71	2.95	3.71	2.71	5.82	1.44	2.93	3.85	3.282
December - -	3.27	2.13	3.63	5.31	2.40	.64	3.83	3.23	7.79	3.76	3.579
TOTALS -	41.40	34.43	43.95	44.71	34.33	27.27	43.64	31.47	31.41	35.14	36.775

1868 Average 34.29

RAINFALL AT *Manchester Piccadilly*

Lat..... Lon..... County of *Lancashire*,  
 Rain Gauge, by..... Observer *M S B L R*

Diameter.....	<i>.9</i>											
Height.....	<i>40</i>											
Altitude.....	<i>194</i>											
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	<i>2.63</i>	<i>- .96</i>	<i>4.06</i>	<i>2.93</i>	<i>3.68</i>	<i>4.41</i>	<i>1.43</i>	<i>4.86</i>	<i>3.78</i>	<i>1.64</i>	<i>3.038</i>	
February.....	<i>.02</i>	<i>2.49</i>	<i>1.82</i>	<i>.33</i>	<i>1.55</i>	<i>.60</i>	<i>3.26</i>	<i>3.68</i>	<i>1.18</i>	<i>3.02</i>	<i>1.875</i>	
March.....	<i>2.01</i>	<i>1.35</i>	<i>3.81</i>	<i>2.84</i>	<i>2.48</i>	<i>.50</i>	<i>3.65</i>	<i>2.57</i>	<i>1.91</i>	<i>1.64</i>	<i>2.276</i>	
April.....	<i>1.83</i>	<i>3.34</i>	<i>2.82</i>	<i>.28</i>	<i>.86</i>	<i>.68</i>	<i>2.92</i>	<i>1.70</i>	<i>1.45</i>	<i>1.89</i>	<i>1.782</i>	
May.....	<i>-.76</i>	<i>1.97</i>	<i>2.70</i>	<i>2.17</i>	<i>1.64</i>	<i>1.63</i>	<i>1.06</i>	<i>2.82</i>	<i>3.09</i>	<i>1.99</i>	<i>1.983</i>	
June.....	<i>1.40</i>	<i>2.73</i>	<i>5.18</i>	<i>2.41</i>	<i>1.61</i>	<i>3.20</i>	<i>3.46</i>	<i>1.98</i>	<i>2.73</i>	<i>4.67</i>	<i>2.937</i>	
July.....	<i>1.15</i>	<i>3.31</i>	<i>6.99</i>	<i>4.64</i>	<i>2.26</i>	<i>3.46</i>	<i>3.27</i>	<i>4.95</i>	<i>1.10</i>	<i>4.51</i>	<i>3.564</i>	
August.....	<i>1.72</i>	<i>1.59</i>	<i>3.07</i>	<i>4.28</i>	<i>2.96</i>	<i>5.19</i>	<i>3.29</i>	<i>4.65</i>	<i>5.53</i>	<i>5.31</i>	<i>3.759</i>	
September.....	<i>1.90</i>	<i>3.30</i>	<i>8.29</i>	<i>2.56</i>	<i>3.88</i>	<i>7.85</i>	<i>3.08</i>	<i>2.26</i>	<i>4.51</i>	<i>3.41</i>	<i>4.104</i>	
October.....	<i>9.02</i>	<i>4.44</i>	<i>5.18</i>	<i>3.83</i>	<i>3.06</i>	<i>3.12</i>	<i>2.37</i>	<i>4.24</i>	<i>3.79</i>	<i>2.57</i>	<i>4.167</i>	
November.....	<i>2.52</i>	<i>1.40</i>	<i>3.68</i>	<i>1.90</i>	<i>4.38</i>	<i>2.57</i>	<i>2.86</i>	<i>6.26</i>	<i>2.58</i>	<i>1.29</i>	<i>3.944</i>	
December.....	<i>1.91</i>	<i>2.20</i>	<i>2.90</i>	<i>.49</i>	<i>2.25</i>	<i>.53</i>	<i>4.10</i>	<i>3.58</i>	<i>2.70</i>	<i>2.28</i>	<i>2.294</i>	
TOTALS .....	<i>27.67</i>	<i>24.18</i>	<i>57.57</i>	<i>28.66</i>	<i>30.61</i>	<i>33.74</i>	<i>34.75</i>	<i>43.55</i>	<i>34.35</i>	<i>34.22</i>	<i>34.723</i>	



# RAINFALL AT Manchester, Piccadilly

80

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Lancashire

Rain Gauge, by \_\_\_\_\_

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

Wesley. Swell 3

Diameter ....	9										
Height .....	40.0										
Altitude ....	1915										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.73	.60	2.83	4.99	5.06	2.06	4.18	1.40	1.65	1.12	2.464
February ....	2.25	5.80	2.39	1.99	2.22	2.69	.73	.67	.88	2.02	2.164
March .....	2.49	4.51	2.72	.98	2.22	2.08	2.07	1.35	1.65	2.32	2.239
April .....	1.33	1.51	3.59	1.59	.80	1.54	1.75	.90	1.65	1.65	1.631
May .....	2.42	3.96	1.95	.98	1.39	1.42	3.74	1.99	.78	2.24	2.087
June .....	2.09	1.84	7.67	4.45	.96	3.61	1.93	.95	2.77	.44	2.671
July .....	5.36	4.38	5.91	2.20	3.89	1.41	3.56	.95	5.02	2.31	3.199
August .....	2.78	4.61	3.01	3.44	1.95	1.57	2.41	1.38	2.99	5.19	2.933
September....	5.57	2.59	1.91	5.16	2.97	4.37	3.59	3.71	1.46	2.30	3.353
October .....	2.37	3.13	3.44	5.79	2.61	4.80	5.04	1.82	1.78	2.29	3.307
November....	3.53	3.27	6.48	3.74	1.36	2.73	2.07	1.15	3.79	1.76	2.988
December ....	6.01	4.76	4.30	3.82	3.88	2.09	3.49	2.48	2.16	2.26	3.525
TOTALS ....	36.93	40.96	46.20	39.03	29.33	30.37	34.56	18.75	26.58	25.90	32.861

# RAINFALL AT Manchester Piccadilly

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Lancashire

Rain Gauge, by \_\_\_\_\_

Observer MS & L.R.C.

Messrs. Inwell & Co.

Diameter ....	9											
Height .....	40.0											
Altitude ....	194 T											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	3.05	2.07	3.37	.98	2.19	1.94	1.49	1.11	1.90	3.38	2.148	
February ....	.18	.26	2.02	2.82	4.06	.27	1.76	1.92	2.19	.85	1.623	
March .....	2.69	1.68	.83	.53	2.40	2.76	4.31	2.55	.98	1.58	2.031	
April .....	.58	1.40	1.27	.51	1.27	1.14	1.09	2.03	1.53	2.64	1.246	
May .....	1.87	2.28	2.80	1.71	1.83	.72	.61	1.52	2.47	2.11	1.792	
June .....	3.05	2.11	3.07	1.26	2.67	2.56	3.39	2.87	2.77	1.88	2.562	
July .....	2.25	2.26	2.64	3.02	2.96	4.50	1.64	1.51	.31	1.69	2.297	
August .....	3.59	5.15	4.59	2.28	3.41	3.28	2.08	2.71	5.37	1.36	3.282	
September....	1.11	2.67	3.25	3.59	.67	1.42	4.77	4.15	.51	5.01	2.715	
October .....	2.58	3.50	3.87	2.31	3.03	2.90	4.04	1.70	3.60	2.80	3.028	
November....	4.84	2.14	2.28	2.10	1.65	2.29	1.00	4.43	1.63	1.09	2.345	
December ....	.28	5.27	1.94	3.29	2.99	3.58	3.35	3.85	3.17	2.27	2.999	
TOTALS ....	26.07	30.79	31.93	24.40	29.13	27.36	29.53	30.35	26.43	26.65	28.264	

1865—

RAINFALL AT *Manchester Piccadilly*  
 Lat. .... Lon. .... County of *Lancashire South*  
 Rain Gauge, by ..... Observer *G. Central Railway Co.*

*Messrs. Jewell & Co.*

Diameter ..	9										
Height ....	40.0										
Altitude ..	194'										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.98	1.65	2.15	2.35	1.87	1.81	4.12	1.40	2.34	1.69	2.336
February ..	2.10	1.36	.76	2.26	2.80	1.62	2.19	1.43	2.66	1.15	1.933
March ....	.56	1.90	1.37	3.39	1.37	2.97	2.61	2.83	2.30	2.83	2.213
April .....	1.98	2.06	1.81	1.11	1.74	2.35	1.70	.97	2.05	2.87	1.864
May .....	1.53	.68	3.25	3.15	1.83	.66	3.06	3.35	2.07	1.35	2.093
June .....	2.83	1.80	.80	1.15	1.13	2.12	1.17	5.37	1.43	1.87	1.967
July .....	2.39	3.57	1.71	3.30	1.02	2.08	1.47	3.02	4.54	4.63	2.773
August ....	4.55	1.46	2.78	4.36	4.61	3.98	2.86	3.27	2.59	2.83	3.329
September ..	1.22	.70	.85	3.48	1.11	2.31	1.55	.77	3.19	2.18	1.736
October ....	3.84	2.89	3.64	6.08	1.23	2.73	4.92	2.91	1.10	5.17	3.451
November ..	1.81	3.36	1.37	3.39	2.29	2.86	2.45	2.04	2.80	1.08	2.345
December ..	4.15	3.88	1.90	.81	2.39	.38	3.44	2.71	2.49	6.11	2.826
TOTALS ..	30.74	25.31	22.39	34.83	23.39	25.87	32.54	30.07	29.56	33.76	28.866

*H. J. C.*



RAINFALL at Manchester PiccadillyCounty of South LancashireObserver Great Central Railway CoRiver Basin Mersey-Jewell 3

Rain Gauge, by \_\_\_\_\_

Diameter ...	9										
Height .....	40.0										
Altitude ...	194 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.57	1.19	2.08	2.87	2.10	4.68	2.52	2.57	2.18	3.93	
February ...	2.89	2.90	.96	1.19	1.88	2.39	4.01	.84	3.86	.52	
March .....	.64	1.37	4.43	3.27	3.62	1.22	1.44	1.32	1.17	5.08	
April .....	2.40	2.50	.70	3.86	1.07	1.40	2.54	1.54	.99	1.58	
May .....	3.25	1.19	2.45	2.71	1.96	1.27	2.24	1.90	2.63	1.55	
June .....	3.48	2.58	4.15	1.84	1.86	2.18	3.02	1.82	1.58	1.30	
July .....	4.04	.27	4.21	1.11	3.83	5.25	1.64	1.82	4.01	1.91	
August .....	5.26	2.20	5.28	2.34	2.99	3.16	1.84	6.38	2.83	2.96	
September ..	.18	3.48	1.84	1.36	2.79	.55	2.22	2.04	8.70	1.67	
October ...	3.05	2.36	3.33	1.38	1.68	1.12	3.81	5.33	3.16	1.96	
November ..	4.07	2.84	2.87	3.59	3.47	1.45	1.93	3.88	1.52	2.34	
December ...	2.25	4.96	3.38	2.23	4.90	5.16	2.44	1.40	6.38	5.74	
TOTALS ...	35.08	27.84	35.68	27.75	32.15	29.83	29.65	30.84	39.01	30.54	

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

RAINFALL at Manchester PiccadillyCounty of S. LancashireObserver Great Central Railway Co.River Basin Mersey-Trent 3.

Rain Gauge, by \_\_\_\_\_

Diameter ...	9										
Height .....	40.0										
Altitude ...	194										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.56	4.88	2.66								
February ...	2.88	4.0	3.61								
March .....	2.87	2.44	2.19								
April .....	4.28	1.20	2.46								
May .....	5.96	2.06	1.30								
June .....	2.43	.31	2.06								
July .....	6.13	1.09	4.34								
August .....	2.35	4.47	3.93								
September...	2.72	.82	3.66								
October .....	1.10	1.87	.26								
November...	1.12	1.82	2.87								
December...	2.48	4.34	3.90								
TOTALS...	38.68	25.70	32.94								

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