

RAINFALL AT *Manchester Plymouth Grove*Lat..... Lon..... County of *Lancashire*Rain Gauge, by..... Observer *J. F. Roberts Esq.*

Diameter .....	8	.						5	.	.		
Height .....	3.9	.		8.9	3.9		.	.	.	.		
Altitude .....	150	.					.	.	.	.		
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.19	7.31	9.79	9.15	3.19	4.09	1.77	5.16	3.49	1.56	3.070	
February.....	.75	2.74	3.51	.41	1.46	.64	3.81	4.00	1.39	3.03	2.124	
March.....	2.18	1.56	2.95	2.44	3.39	.69	3.74	2.72	1.67	1.70	2.304	
April.....	2.21	3.59	3.20	.60	.89	.92	2.91	1.87	1.69	1.98	1.986	
May.....	.91	2.21	3.11	2.30	1.54	1.86	1.13	3.38	3.76	1.88	2.208	
June.....	1.99	3.56	5.24	2.54	1.79	3.85	3.53	2.71	2.79	4.82	3.232	
July.....	1.24	3.43	7.41	4.63	1.69	4.46	3.52	5.73	1.17	3.71	3.699	
August.....	1.63	1.83	3.27	4.32	3.74	4.13	3.37	5.14	5.49	5.68	3.860	
September.....	2.91	3.68	6.79	2.55	4.42	4.93	3.36	2.46	4.48	3.14	3.872	
October.....	8.73	4.30	4.61	4.32	3.60	4.72	2.65	4.13	4.18	2.31	4.355	
November.....	2.48	1.48	3.57	2.07	4.76	4.08	3.42	5.55	2.22	1.14	3.077	
December.....	2.10	2.43	2.76	.76	2.59	1.14	4.65	3.26	2.44	2.40	2.453	
TOTALS.....	30.32	32.12	49.71	30.09	33.06	35.01	37.86	46.11	34.77	33.35	36.240	

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# RAINFALL AT Manchester, Plymouth Green

80

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

Lon. \_\_\_\_\_ County of Lancashire

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

Observer A. F. Roberts, Esq.

Messrs. Jewell & Co.

Diameter ....	5											
Height .....	3.9	4.2										
Altitude ....	507											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	74	54	259	442	480	174	479	203	160	131	2456	
February ....	222	538	224	190	200	242	66	57	110	199	2048	
March .....	245	381	216	105	213	216	207	167	169	302	2221	
April .....	115	156	356	164	79	147	167	162	146	214	1706	
May .....	257	368	201	94	161	173	544	237	93	227	2352	
June .....	251	208	664	388	85	379	174	121	307	76	2653	
July .....	549	297	526	245	459	132	468	91	705	314	3786	
August .....	278	510	290	352	170	185	233	143	334	600	3095	
September...	483	255	178	524	289	465	363	472	172	265	3466	
October .....	246	273	318	497	237	546	586	181	176	311	3371	
November...	337	293	584	340	167	276	225	114	480	189	3005	
December ...	546	408	454	303	371	244	424	223	234	230	3437	
TOTALS ....	3600	3741	4270	3644	2911	3179	3936	2171	3086	3058	33596	

# RAINFALL AT Manchester Plymouth Grove

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

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

County of Lancashire

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

Observer J. F. Roberts Esq

Messy - Inwell 3

Diameter ....	5										
Height .....	4	2									
Altitude ....	150	ft									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.30	2.38	3.18	1.57	2.51	2.64	.75	1.00	1.84	3.63	2.280
February ....	.30	.27	1.66	3.38	4.49	.36	1.79	2.39	2.17	1.15	1.796
March .....	3.00	1.59	.93	.65	2.76	2.93	3.89	2.61	1.26	1.80	2.142
April .....	.74	1.86	1.22	.47	1.55	1.36	1.69	2.16	2.09	2.85	1.599
May .....	2.32	2.40	3.33	1.94	2.61	.59	.60	1.85	2.81	2.63	2.108
June .....	3.47	3.29	3.51	1.52	3.29	3.05	2.50	3.62	3.20	2.19	2.964
July .....	2.63	2.53	3.52	3.11	3.06	4.48	1.90	1.73	.62	1.42	2.500
August .....	4.52	6.13	4.94	2.51	3.80	3.55	2.69	4.04	6.00	1.46	3.964
September...	1.13	3.00	3.62	3.86	.98	1.44	5.28	4.01	.54	5.10	2.506
October.....	2.38	4.85	4.48	2.98	3.73	3.46	4.34	1.76	3.62	3.06	3.466
November...	5.02	2.33	2.46	2.41	1.76	2.42	1.14	4.20	1.95	1.58	2.527
December...	.37	5.71	2.08	3.57	2.79	3.69	3.56	3.72	3.27	2.68	3.146
TOTALS ....	29.18	36.34	34.93	27.97	33.33	29.97	30.13	33.09	29.37	29.55	2.56



# RAINFALL AT Manchester Plymouth Grove

Lat. ....

Lon. ....

County of Lancashire South

Rain Gauge, by .....

Observer J. F. Roberts Esq

Read

Murray Swell 3

Diameter ..	5										
Height ....	4 2										
Altitude ..	150 <del>ft</del>										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	4.34	1.79	2.49								
March ....	2.77	1.48	1.25								
April .....	.66	2.15	1.61								
May .....	2.50	2.11									
June .....	1.69	1.10	3.08								
July .....	3.29	1.80	1.04								
August ....	2.47	3.30	2.14								
September ..	4.73	1.56	2.78								
October ....	1.23	.78	.99								
November ..	4.77	2.82									
December ..	2.10	3.84									
	4.28	4.61									
TOTALS ..	34.83	27.34	observed								
			Read								