

# RAINFALL AT Mickleover County Asylum

Lat.

Lon.

County of

Derby

Trent. L-5.

Rain Gauge, by

Observer

A Legge Esq M.A.

Diameter . . . .										5	
Height . . . .										56	9
Altitude . . . .										300	
Year . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . . .										2.14	1.29 2.87
February . . . .										3.32	1.33 1.36
March . . . .										1.94	.90 .99
April . . . .										1.96	1.40 3.05
May . . . .										1.46	2.13 2.77
June . . . .										2.77	1.79 2.03
July . . . .										.21	.96 2.15
August . . . .										3.72	2.07 .65
September . . . .										2.31	.37 2.54
October . . . .										.96	2.21 2.84
November . . . .										1.55	2.20 1.19
December . . . .										1.74	1.96 2.08
TOTALS . . . .										24.08	18.61 24.52

Mickleover church 1 mile E.N.E

Bushes 10 ft high 12 ft E

1898 House 60 ft high 78 ft N

# RAINFALL AT Mickleover County Asylum

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

R. Legge Esq. M.D.

Trent, 2-5.

Diameter ..	5										
Height ....	0 9			3. 0	3 8			3. 0			
Altitude ..	300 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.55	1.74	1.08	2.11	1.99	1.02	3.53	1.26	1.06	1.11	1.845
February ..	3.38	1.09	1.56	1.18	3.27	.74	3.14	1.89	1.56	.29	1.810
March .....	.55	1.97	1.39	3.44	1.93	2.75	1.73	1.44	2.55	3.33	2.108
April .....	1.16	1.89	2.29	1.89	1.85	1.69	.71	1.36	2.45	1.18	1.647
May .....	1.44	.96	2.77	2.77	1.74	.46	1.95	3.21	2.33	1.54	1.917
June .....	2.33	1.89	2.36	1.17	.55	1.16	1.71	3.22	2.01	2.25	1.865
July .....	3.77	3.46	1.21	2.45	2.08	.89	.46	2.31	2.07	3.64	2.234
August .....	4.70	1.89	2.93	4.79	3.26	3.09	.90	3.54	3.77	2.02	3.089
September ..	1.08	1.02	1.14	2.85	1.95	1.42	.82	.75	2.09	2.59	1.571
October .....	2.56	1.65	2.72	5.19	.69	1.41	4.52	3.83	1.07	3.32	2.696
November ..	2.23	1.95	2.31	2.23	1.47	2.66	2.58	1.70	1.58	.48	1.919
December ..	3.88	5.10	1.66	1.17	1.58	.50	2.57	2.97	1.53	4.27	2.523
TOTALS ..	30.63	24.61	23.42	31.24	22.36	17.79	24.62	27.48	24.07	26.02	25.224 444

Hab

Mickleover Church, mile NE

Wall 8 ft high 24 ft E

1908 Mickleover Station 2 miles NE

10<sup>26</sup> 53

## RAINFALL at Mickleover County Asylum

County of Derbyshire

Observer

R. Legge Esq. M.D.

River Basin Trent. Left Bank Tributaries 5

Dr M.L. Rowan

Rain Gauge, by

Diameter ...	5										
Height .....	30									105478	
Altitude ...	300 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.17	.90	3.56	3.44	1.54	2.51	1.33	2.24	2.02	3.31	
February ...	2.20	1.25	2.48	.88	1.13	2.26	3.95	1.08	1.96	2.19	9.18
March .....	.39	1.57	3.77	3.61	2.22	.90	3.61	1.53	1.32	4.40	10.86
April .....	2.73	1.05	.23	2.41	.61	.73	1.52	1.14	1.03	1.16	4.85
May .....	2.37	.65	2.09	1.64	1.71	1.48	2.09	2.45	2.82	.99	8.35
June .....	1.14	2.82	4.44	1.39	1.61	2.68	1.46	1.92	.59	.93	4.90
July .....	2.78	.29	3.21	.90	3.50	6.22	2.12	1.24	2.67	2.26	8.29
August .....	3.07	1.84	6.28	1.86	1.58	2.35	1.73	4.26	2.43	1.81	10.23
September ..	.58	1.30	.88	1.73	1.26	.77	.85	1.54	5.40	1.60	9.39
October ...	2.05	1.82	2.83	3.41	1.90	1.56	2.96	3.96	1.14	2.04	10.10
November ..	4.30	1.51	1.91	2.30	3.14	2.19	2.88	1.52	1.38	2.03	7.81
December ...	3.98	3.53	2.97	1.00	5.57	4.44	2.41	.96	3.62	4.02	11.01
TOTALS ...	27.76	18.53	34.65	24.57	25.77	28.09	26.91	23.84	26.38	26.74	103.87

1912 Wall of high 22 ft NNE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.54	1.34 W	Mickleover	2 m	NE	Mickleover	1 m	NE

## RAINFALL at Mickleover County Asylum

County of Derbyshire

Observer M. L. Rowan Esq. M.D.

River Basin Trent-Left Bank Tribs 5.

1922 G. V. Bartlett Esq. M.D.

(1925) Glass, straight Rain Gauge, by  
slim funnel

Medical Superintendent.

Diameter ...	5"								105478		
Height .....	3.0	X						0.8	X	1.0	
Altitude ...	300										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	1.74	2.46	3.45	1.32	2.35	2.12	2.69	1.75	5.45	1.45	3.83
February ...	2.22	2.26	2.69	2.69	1.02	2.64	2.52	1.58	2.71	.33	.79
March .....	1.71	1.03	1.94	1.45	.91	.91	1.18	2.23	1.88	.26	2.29
April .....	3.86	1.01	2.29	1.92	2.21	1.42	1.65	2.53	1.20	.90	4.16
May .....	2.35	1.45	.93	2.49	3.51	5.54	3.17	2.20	.60	2.20	2.16
June .....	1.53	.44	.81	.49	2.11	.03	2.29	4.32	3.22	1.94	1.99
July .....	3.92	.46	3.56	5.84	2.68	1.54	1.46	2.57	1.46	2.02	7.13
August .....	.93	5.56	5.27	2.23	2.88	3.30	2.06	3.11	3.76	2.86	2.43
September...	1.63	1.02	1.31	2.19	3.01	3.35	.69	4.25	.70	.60	4.87
October .....	1.84	2.55	.55	1.99	3.40	3.12	2.76	2.20	4.14	3.22	2.99
November...	.80	1.54	.88	2.10	1.51	1.41	3.27	3.69	3.35	5.52	2.69
December...	2.52	1.84	3.76	3.20	2.27	2.15	.87	2.28	1.39	4.28	1.96
TOTALS...	25.05	19.62	27.64	28.91	27.86	27.53	24.61	32.71	29.86	25.58	37.29

1920. Wall 9 ft high 22 ft N.N.E.

X 6ft stakes raised 4" 15 ft on 1/1/28  
1929. Sept. amts. corrected by surrounding stations & confirmed by Obsr.Position of Station on reduced Ordnance Survey } No. of Map ..... Reference No. ....  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	52° 5' 24"	1° 34'	Mickleover	2 mi	N E	Mickleover	1 mi	N E

## RAINFALL at Mickleover (C. Mental Hospital)

County of Derbyshire

Observer G. V. Bartlett, Esq., M.D.

River Basin Trent Left Bank 5

The Medical Superintendent

Type of Gauge Glasser Mo (938)

Annual Average 24.4 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref. S

814476/27

Diameter	5											
Height	10				09		09"					
Altitude	300				290	320'						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.76	1.80	1.82	2.36	1.78	2.96	3.01	3.34	4.58	1.85		Total 24.26
February	3.01	3.1	2.89	4.0	2.16	1.75	4.03	1.78	1.04	3.32		19.74
March	1.13	1.76	2.37	1.60	1.69	1.28	1.93	1.37	1.47	2.72		14.32
April	3.72	2.80	1.01	1.87	2.66	1.63	2.25	1.17	1.88	2.37		20.36
May	2.88	7.08	1.54	1.86	1.50	1.30	2.22	1.58	1.86	1.83		18.65
June	3.50	1.03	2.53	1.58	3.14	3.50	1.42	1.74	1.06	.64		18.43
July	3.67	3.51	2.47	1.06	1.42	3.92	2.30	4.27	4.73	2.93		29.28
August	6.13	2.07	1.83	2.08	1.94	2.15	.26	1.81	2.43	.29		19.99
September	2.36	2.00	1.86	1.78	3.45	2.99	1.20	3.16	.62	.64		19.86
October	1.83	3.29	5.77	2.03	3.44	1.62	2.05	2.59	2.86	4.19		28.67
November	3.00	1.81	1.04	1.95	4.33	2.20	1.65	2.55	4.63	6.52		29.68
December	1.20	.69	3.4	3.94	3.72	2.04	2.69	3.21	1.88	2.23		21.94
TOTALS	32.19	28.15	24.47	20.51	27.23	26.14	24.31	25.57	28.08	28.53		265.18 21.94
	D.											

1931. Wall 9' high 22' N.E.

1935. Shrubs 10' high 30' W.

1937. Wall 10' high 40' E.

Shrubs 10' " 16' W.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931.			Mickleover LNER.	2m	N.E.	Mickleover.	1m	N.E.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Title charged 1948

The Pasture Station No.

2653

RAINFALL at Mickleover (Central Hospital) ✓

41

County of Derbyshire Observer The Medical Superintendent.  
 River Basin Trent Left Bank 5  
 Type of Gauge Glaider M.O. 1950

Annual Average 24.4 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref S

File No. 814476/2

Diameter ....	5"			105	478						
Height ....	9"				1						
Altitude ....	320'				41						
Year ....	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.22	1.81	4.22	2.87	1.77	2.39	1.44	4.92	1.14	.91	Totals 23.69
February	2.37	.41	.90	1.36	2.50	4.08	.77	1.35	.56	4.89	19.19
March	3.11	1.87	1.28	.13	.87	.66	5.01	.90	1.96	.92	16.71
April	1.92	.96	.59	1.99	1.70	1.20	2.29	1.86	2.32	2.24	17.07
May	2.44	3.49	2.52	.92	2.09	1.34	1.73	1.37	1.65	1.34	18.89
June	1.11	.02	2.11	1.74	2.46	3.42	1.09	3.32	.84	1.00	17.11
July	4.09	1.94	1.13	2.75	2.23	1.46	2.38	1.29	2.66	1.77	21.70
August	5.04	2.86	2.26	2.72	3.22	4.30	.61	4.91	1.45	2.65	30.02
September	.47	1.25	2.31	3.70	2.49	4.14	1.70	2.25	1.33	3.90	23.54
October	3.02	2.47	1.95	2.50	3.98	1.25	.20	2.12	4.12	1.10	22.71
November	2.98	1.41	2.01	3.87	.25	4.29	1.93	1.33	3.11	4.26	25.46
December	1.34	2.30	.88	1.53	1.93	2.45	2.56	3.44	2.06	1.27	19.76
TOTALS ....	30.11	20.79	22.16	26.08	25.49	30.98	21.71	29.06	23.20	26.25	255.83

1941 Wall 10' higher 40' E. Shrubbs 10' high 16' W.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1941			Mickleover	2 m.	N.	Mickleover	1 m.	N.E.

Station No. 2653

## RAINFALL at MICKLEOVER (THE PASTURERS HOSPITAL)\*

51

County of DERBY

Observer THE MEDICAL SUPERINTENDENT,

River Basin TRENT - L. BANK - 5

Type of Gauge H.O. SNowdon.

Annual Average 24.4 in. based on 32 years obs. un-weighted. Period of average 1881 - 1915 Ref. S  
 26.62. " 35 " 1916 - 1950 1916 - 1950 P  
 File No. 814476/27

Diameter ...	5'			105	478						
Height ...	0' 9"				1						11"
Altitude ...	320'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.12	2.28	.91	.93	1.99	1.50	1.86	2.65	4.25		
February ...	2.28	.59	1.55	1.83	1.76	1.75	3.03	.25	1.94		
March ...	3.28	2.10	1.03	1.86	2.10	1.82	.96	1.37	1.26		
April ...	1.23	1.90	2.29	.31	1.39	.20	.52	2.32	1.17		
May ...	3.05	3.10	1.95	2.36	2.40	.61	1.62	.28	1.07		
June ...	1.02	2.40	2.73	2.08	2.72	1.38	4.01	.51	2.37		
July ...	.70	.89	2.37	2.33	.53	3.71	4.10	.57	4.19		
August ...	6.10	1.50	2.74	4.41	.48	2.71	1.61	.22	4.45		
September ...	1.37	1.17	1.63	3.14	1.09	3.58	2.62	.05	4.72		
October ...	.60	2.37	2.17	3.51	1.47	1.11	2.28	1.51	3.35		
November ...	5.28	.98	2.45	4.26	1.86	1.45	1.29	3.28	3.10		
December ...	1.93	2.39	1.06	2.89	1.76	1.43	2.81	4.26	2.94		
TOTALS ...	28.96	21.67	22.88	29.91	19.55	21.25	26.71	17.27	34.81		
	D	D	D	D	NP	NR.	NP low	NP	D		

1951 wall 10' at 40° E shrubs 10' at 16° W.

1956. NP. Low.

1959. - np low.

1957 np much too low. 1958 - low.

July 1959. galvanised g. with lead at top. Now capp'd g. available. Screen 5' 3" w  
 bush 5' 9" W. Flueing 5' 5" N. Rec. new g. to be set up 20' ENE of pedestal will  
 better exposure.

\* Prior to 1948 station was called County Mental Hospital.

Position of Station on Ordnance One-Inch map : No. of Map.....121..... National Grid Reference SK 297332

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1954			Mickleover	2 m	N.	Mickleover	1 m	NE.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ D 15-19	✓ M 13-25	✓	✓	✓ M 13-24