

RAINFALL AT Derby Royal Infirmary

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

W.G. Carrick Esq.

Derwent - 6.

Diameter										5	
Height										9	
Altitude										195	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS										21.00	26.91

Trinity Church 675 ft NE

Stevenson Screen 5' 6" high 56" NE

RAINFALL AT Derby Royal Infirmary

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer W. G. Grant Esq

Edmund Foster Esq

Revert - 6.

Diameter ..	5										
Height	0.9					1.0					
Altitude ..	195										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.11	1.69	1.04	2.07	2.17	1.04	3.52	1.21	1.16	1.21	1922
February ..	3.77	1.37	1.66	1.26	3.01	.93	2.99	2.08	1.35	.61	1893
March60	2.25	1.61	3.51	1.69	2.93	1.83	1.46	2.41	3.09	2138
April	1.23	1.80	2.36	1.89	1.96	1.64	.64	1.66	2.35	1.47	1700
May	1.65	1.03	2.86	3.08	1.98	.46	1.52	3.73	2.27	1.82	2040
June	4.12	1.97	2.64	1.29	.59	2.28	2.08	3.34	1.54	2.17	2202
July	4.15	3.49	1.54	2.26	2.08	.93	.62	2.75	2.51	3.07	2340
August	5.05	2.00	3.19	4.88	2.77	3.24	1.03	3.24	4.02	2.38	3180
September ..	1.04	.98	1.70	2.80	1.85	1.37	.94	.72	1.54	2.34	1528
October	3.00	1.81	2.75	5.59	.67	1.53	5.32	3.65	1.07	3.26	2865
November ..	2.52	1.95	1.79	2.14	1.42	2.62	2.95	1.87	1.67	.43	1936
December ..	4.59	5.89	1.73	1.25	1.66	.69	3.10	2.76	1.60	4.10	2737
TOTALS ..	35.83	26.23	24.87	32.02	21.85	19.56	26.54	28.47	23.49	26.95	26.481 55

1900 Trinity Church ^{1/2 mile N} 1905

Shrubs 25.8 ft high 12 ft W

1903 Midland Station ^{1/4 mile} E

1908 Summer gauge round 36 ft S

Hull

RAINFALL at Derby Royal Infirmary

County of Derbyshire

Observer E. Foster Esq

River Basin Trent-Derwent 6

2 Banksg (1719)

Rain Gauge, by N&P

Diameter ...	5														
Height	1.0														
Altitude ...	195														
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.				
January ...	2.09	.75	3.91	3.76	1.49	2.80	1.63	2.68	2.25	3.51					
February ...	1.96	1.54	1.51	.89	1.44	2.55	4.22	.96	2.22	1.36					
March48	1.34	2.43	3.60	2.11	.98	3.54	1.53	1.37	5.61					
April	1.66	1.33	.23	3.08	.75	.67	1.78	1.16	1.62	1.16					
May	2.34	.64	2.60	1.80	1.78	1.58	1.97	2.58	2.95	1.52					
June	1.44	2.19	5.02	1.08	1.80	1.31	1.49	2.91	.70	.92					
July	2.54	.06	3.12	.82	3.63	6.03	2.10	1.22	2.62	2.51					
August	3.21	1.50	5.75	2.07	1.62	1.83	2.05	4.89	1.92	2.22					
September ..	.56	1.39	.97	1.46	1.03	85	1.09	1.68	5.87	1.72					
October ...	2.13	1.77	2.86	2.67	1.93	1.68	2.54	3.84	1.54	2.49					
November ..	4.05	1.83	2.10	2.38	3.52	2.81	2.94	1.79	1.40	2.03					
December ...	3.84	3.63	3.29	1.02	5.69	4.78	2.29	1.49	4.15	3.38					
TOTALS ...	26.30	17.97	23.69	24.63	26.74	28.05	27.64	26.73	28.61	28.43					

1912 Shrub 2-3 ft high 10 ft S W

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
52.55.	1.28	Midland		1/4 m	E	Bunney	1/6 m	W

RAINFALL at Derby Royal Infirmary

County of Derbyshire

Observer W. Banks Esq (Secy.)

River Basin Trent-Derwent- 6

Snowdon Rain Gauge, by N & J
gal. iron { 5-03
ct. { 4-97
{ 5-00

Glass ($n=2$) correct?

1920. Shrubs 3 ft. high 1041-S W

Inspected 93, 22.7.22 b. on open grass lawn in excellent position

1925. Building 9 ft. to eaves 34 ft. 6 in. S.W.

1930. Gauge moved 20/10/30, 50 ft. N.W. & 90 ft. N.E.

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

Reference No. _____

Date.	Lat. N.	Long. W	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	52° 5' 1"	1° 28'	Midland	1/4 mi	E	Trinity	1/6 mi	W

RAINFALL at Derby (Royal Infirmary)

County of Derbyshire

Observer W. Banks, Esq.

River Basin Trent-Derwent b

2 Yards from (1936)

Type of Gauge

Annual Average 26.3 in. based on 31 years obs. unweighted. Period of average 1881-1915 Ref S

650006/26

Diameter	5	Height	10	Altitude	190							Means
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		Total 1931-1940
January	2.11	2.11	1.95	2.78	1.02	3.45	3.10	3.72	5.73	3.28		29.25
February	3.20	1.61	3.50	1.49	2.25	1.81	1.06	.89	1.42	3.45		21.68
March	1.18	1.77	2.57	1.86	1.87	2.00	2.56	.39	1.68	2.15		16.03
April	4.23	3.02	1.39	2.27	3.18	1.81	2.34	.15	1.78	2.03		22.22
May	2.99	6.93	1.89	.91	1.45	.49	2.37	1.98	1.07	1.46		20.54
June	3.87	.98	2.27	.82	3.34	3.90	1.22	1.65	.93	.92		17.90
July	3.94	4.18	1.80	1.02	1.49	4.35	2.90	4.90	4.88	2.67		31.13
August	6.27	1.92	.88	2.50	2.04	1.13	.37	1.82	2.40	.41		19.74
September	2.55	2.40	1.96	2.05	4.42	3.55	2.12	3.09	1.06	.87		24.07
October	.74	3.37	4.72	1.87	3.84	1.92	2.10	2.76	3.57	4.39		29.28
November	3.12	2.06	1.38	2.03	4.93	2.45	1.71	2.99	4.49	6.29		31.45
December	1.50	.92	.35	4.50	3.95	1.96	2.56	4.24	1.96	2.37		24.31
TOTALS	34.72	30.27	24.66	23.10	30.78	28.82	27.41	28.58	30.97	30.29		287.60
	D	D	D	D	D	D	D	D	D	D		D

1931. Storey building - 9'6" from level of gauge to top of building - 49° E.

1936. Gauge moved 225' W. on 25.2.36.

2 Storey building 37' high 83° N.E..

1940 Jan & Feb part estd.

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
1931.			L.M.S. Rly Derby	1/4 m	SE	Holy Trinity	1/10 m

Station No. 2660

RAINFALL at Derby (Royal Infirmary)

41

County of Derbyshire

Observer A. Langford Esq.

River Basin Trent - Derwent - 6

I W Owen Esq. (1948)

Type of Gauge Snowdon (902)

Annual Average 26.3 in. based on 31 years obs. unweighted. Period of average 1881-1916 Ref. S

File No. 0800006/26

Diameter	5"			110	417							
Height	10'				1							
Altitude	211'				51							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.03	3.01	4.62	3.45	1.88	2.62	1.99	5.03	1.12	.90		27.65
February	2.47	1.18	.84	1.99	2.75	3.69	(1.90)	1.44	.73	4.63		21.62
March	3.06	2.09	1.23	.26	.92	.87	5.35	.82	1.59	.89		17.14
April	1.92	1.21	1.03	2.21	2.12	1.28	2.11	1.96	2.65	2.444		19.05
May	2.64	3.81	3.06	1.40	2.58	1.43	1.99	1.39	2.20	1.53		22.03
June	.93	.26	2.30	2.05	3.01	3.13	1.42	2.92	.45	1.42		17.87
July	4.62	2.32	1.43	3.01	2.63	1.70	3.20	1.34	3.73	1.82		25.92
August	5.33	2.81	3.16	2.57	3.32	4.25	4.0	4.98	1.91	3.35		32.08
September	.47	1.16	2.48	4.22	2.74	3.80	1.75	2.14	2.11	3.72		24.59
October	3.30	2.63	2.03	3.07	3.87	1.54	.31	2.16	3.92	1.06		23.99
November	3.15	1.36	2.41	4.51	.40	5.00	2.17	1.62	3.24	4.444		22.30
December	1.31	2.39	1.07	1.41	1.98	2.64	2.13	3.19	2.43	1.66		20.51
TOTALS	32.23	24.23	25.84	30.57	28.20	31.95	24.72	28.99	26.08	27.86		28.67

1941 2 Storey Building 37' high 83° N.E.
1947 Feb. est. snow - Jan. March avg.

20004

123 92 92 116 107 122 94 110 99 106

V

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
1941			L.M.S.	1/4 m.	S.E.	Holy Trinity	1/10 m.	E.

Station No. 2660

51

RAINFALL at Derby (Royal INFIRMARY)

County of Derby

Observer T. W. Owen Esq.

River Basin Trent DARTMONT - 6

Type of Gauge SNOWDON

Annual Average 26.3 in. based on 31 years obs. yd-weighted. Period of average 1881-1915 Ref. S
 28.80 " " 35 " 1916-1950 1916-1950 File No. 680006/26 P

Diameter	5"			110	417						
Height	1' 0"				1						
Altitude	211'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.63	2.58	1.24	1.21 (2.30)	2.99	1.79	2.75	2.94	4.60	24.95	Total
February	3.01	1.70	1.89	1.76 (1.70)	(.97)	1.97	4.47	.24	1.80	18.51	
March	4.74	2.70	1.53	1.25 (2.20)	1.16	1.29	1.73	1.54	1.70	19.84	
April	2.04	1.70	2.73	.34	1.39	1.76	.79	2.30	1.30	14.64	
May	3.05	2.90	2.29	2.34	3.21	.58	.68	2.32	.40	1.20	18.97
June	1.95	2.20	3.20	3.23	4.39	2.91	1.16	4.75	.75	2.20	26.84
July	.93	1.30	3.31	2.47	.51	2.68	2.85	4.06	1.51	3.30	22.92
August	5.13	1.89	2.19	4.70	.39	4.42	3.11	2.06	1.16	4.60	29.56
September	1.61	1.50	1.64	3.43	1.02	2.70	6.57	2.46	.07	4.70	25.70
October	.81	3.00	2.23	3.91	1.82	1.39	1.58	2.62	2.10	4.90	24.36
November	5.68	1.70	1.93	4.93 (2.00)	.93	2.02	1.40	2.91	3.10	26.60	
December	2.05	2.60	1.19	3.31	2.05	3.49	2.06	3.33	3.52	3.10	26.70
TOTALS	33.63	24.70	N.R.	25.37	32.88	(22.98)	26.98	25.37	32.74	19.44	36.50
	D	D	d.	D	D	NP	NP	D	D	D	279.59

1951 Two storey Building 87' from level of ground to N.E. of building 81' N.E.

1956 Jan, Feb, March Est. in 110.5 b. N.P. too much est.

1958 N.P. too much est.

1957 Trees 20' at 15° SW, Ward building 40' at 35° E, and N., Tree 60' at 30° S

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference X(43) 357355

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951			L.M.R Railway	1/2 m.	S.E.	Holy Trinity	1/10 m. E.

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
		✓	✓	✓	✓	✓