

RAINFALL AT

Derby Arboretum

Lat.

Long.

County of

Derby

Rain Gauge, by

Observer

R. J. Harrison Esq. C.E.

Benevent - 6.

Diameter					8						
Height					10						
Altitude					196						MS.
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January											
	1.78	3.90	1.05	2.43	1.24	2.87					
February					2.40	.14	.75	3.33	1.64	1.27	
March					1.23	1.48	2.98	2.24	1.32	1.11	
April					1.34	2.12	.91	2.04	1.97	2.50	
May					1.66	.59	.36	1.54	2.47	2.95	
June					2.13	1.05	1.79	3.25	1.54	2.95	
July					2.42	3.24	2.01	.25	1.25	2.25	
August					1.99	2.35	1.69	2.72	2.21	.99	
September50	.43	3.53	2.82	.42	2.75	
October					2.10	2.41	2.37	.99	2.61	2.88	
November					1.90	3.40	1.03	1.84	2.33	1.33	
December					2.39	2.58	3.83	3.10	1.95	2.31	
TOTALS					21.84	23.69	22.30	26.55	20.95	26.16	

RAINFALL AT Derby Arboretum

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

J Ward Esq Esq

Derwent - 6.

Diameter ..	8										
Height	1.0										
Altitude ..	196 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.16	1.61	1.15	1.96	2.02	1.31	3.64	1.66	1.22	1.30	2.003
February ..	4.06	1.14	1.56	1.21	2.94	1.07	3.76	2.59	1.69	.70	2.072
March75	2.01	1.43	3.36	2.12	3.61	2.43	2.03	2.83	3.43	2.400
April	1.10	1.76	2.22	1.83	1.72	1.60	.88	1.66	2.04	1.64	1.745
May	1.55	.82	2.67	2.92	1.77	.39	1.84	3.90	2.48	1.94	2.028
June	3.93	1.86	2.19	1.26	.56	2.36	2.04	3.34	1.66	2.33	2.153
July	3.89	3.31	1.34	2.17	2.02	.88	.59	2.75	2.53	3.30	2.278
August	4.77	1.73	3.16	4.71	2.81	3.02	1.01	3.42	3.89	2.51	3.103
September ..	.93	.90	1.58	2.73	1.80	1.32	1.00	.82	1.67	2.31	1.506
October....	2.84	1.61	2.56	5.31	.57	1.44	5.18	4.06	1.15	3.71	2.843
November ..	2.16	1.80	1.65	2.05	1.49	2.61	2.88	1.95	1.76	.52	1.887
December ..	4.23	6.01	1.71	1.22	1.95	.65	2.49	3.02	1.67	4.88	2.783
TOTALS ..	34.37	24.56	23.22	30.73	21.77	20.26	27.74	31.20	25.59	28.57	26.801

1909 Derby M.R. Station 1/2 mile N.E

Hulse

10

३६६।

RAINFALL at Derby Arboretum

County of Derbyshire

Observer J Ward Esq C.E.

River Basin Trent-Derwent 6

Snowdon Rain Gauge, by

Date.	Lat. N.	Long. W/	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
52-54-35	1.28.	Derby M.R.	1/4 mi	NE SW	St Andrews			NE

RAINFALL at Derby The Arboretum

County of Derbyshire

Observer J. Ward Esq C.E.

River Basin Trent-Derwent 6

C. A. Clews CE (1921)
Borough Surveyor

Snowdon Rain Gauge, by

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	52° 54' 35"	1° 28'	Derby	860	N 12°	S-Andrews <i>no date</i>		N 12°

RAINFALL at Derby (The Arboretum) + A 1933

County of Derbyshire Observer E. H. Bennett, Esq., C.E.

River Basin Trent Derwent 6

Type of Gauge N.W. 21.05 in. dia.

Annual Average 26.2 in. based on 36 years obs. un-weighted. Period of average 1881-1918 Ref. 5

Diameter	6	6											
Height	1.0	1.6											
Altitude	196												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals	
January	2.40	1.80	1.77	2.51	1.74	3.16	3.14	3.05	5.04	3.10		26.71	
February	2.91	1.36	3.83	1.40	1.99	1.66	3.76	1.61	1.12	3.35		19.89	
March	1.20	1.57	2.38	1.69	1.73	1.60	1.96	1.29	1.37	1.99		13.78	
April	3.88	2.59	1.27	2.13	3.04	1.54	1.98	1.12	1.63	1.75		19.93	
May	2.72	6.72	1.68	1.78	1.44	1.51	2.26	1.75	1.98	1.34		19.18	
June	3.55	1.96	1.93	1.64	3.14	3.79	1.89	1.62	1.82	.96		18.10	
July	3.76	3.68	2.11	1.93	1.42	3.87	2.83	4.28	4.51	2.47		28.86	
August	6.02	2.08	.83	2.21	1.96	1.93	1.30	1.59	2.33	.28		18.23	
September	2.42	2.05	1.96	1.89	3.93	3.19	1.58	2.91	1.94	.69		21.56	
October	1.63	3.32	4.42	1.52	3.03	1.50	1.81	2.48	3.29	4.01		26.03	
November	2.92	1.87	1.09	2.00	4.49	2.25	1.53	2.60	4.25	3.80		23.80	
December	1.17	1.68	1.84	4.18	3.70	1.83	2.18	3.68	1.89	1.90		21.55	
TOTALS	32.58	27.68	23.61	20.88	27.63	25.73	24.80	26.78	28.17	27.64		262.92	
	D	D	D	D	D	D	D	D	D	D		✓	

1931. Greenhouses 10 high 30 yds. N.N.W.

1933. New gauge ✓

1937. Corrected by F. 1090. 18/4/56. ✓

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
1931.			Derby L.M.S.	1/4 mi	N.E.	St. Andrews	1/4 mi	E.

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

Station No. T.F. Plate!

41

RAINFALL at Derby (The Observatory) (+A.?)

County of Derbyshire Observer E. H. Beaufort Esq. C. E.

River Basin Trent: Dearness & Borough Engineer

Type of Gauge M.O.

Annual Average 26.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 24.311/33

Diameter	5"		110	430							
Height	10'			1							
Altitude	106'			61							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.37	2.48	4.34	2.90	1.92	2.93	1.97	4.54	.95	92	Totals. 26.62
February	2.22	1.14	.65	2.29	3.17	3.62	1.88	1.41	.53	4.48	21.39
March	2.72	1.57	1.28	.19	.92	.80	5.52	.77	1.69	1.80	16.26
April	1.78	1.07	.84	2.36	2.59	1.18	2.39	1.89	2.44	2.83	17.37
May	2.57	3.64	3.77	1.47	2.67	1.49	1.88	1.31	2.16	1.53	22.49
June	.90	.20	2.45	1.90	3.16	3.06	1.54	2.80	.46	1.32	17.79
July	4.13	2.14	1.36	3.15	2.26	1.77	2.71	1.42	3.02	1.84	23.80
August	4.94	2.51	2.60	2.74	3.21	4.57	.43	4.76	1.98	3.07	30.71
September	.34	.92	2.28	4.75	2.97	3.99	1.78	2.04	1.98	3.76	24.81
October	3.12	2.12	2.14	3.09	4.42	1.64	.26	2.20	4.06	.89	23.94
November	2.91	1.28	1.67	4.95	.25	5.26	1.96	1.42	3.07	4.26	27.03
December	1.06	2.05	.74	1.79	2.22	2.41	2.58	3.38	2.04	1.61	19.83
TOTALS	29.96	21.12	24.12	31.58	29.76	32.72	24.90	28.24	24.38	27.31	274.09 ft

1948. Observer states recording gauge not working.

1944. Shows unable to account for big total (Amends inspection).

114 81 92 122 114 125 95 108 93 104
110 ✓✓✓✓✓✓

100

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
1941			Derby L.M.S.	850y.	N.E.	St. Andrews.	730y.

BRITISH RAINFALL ORGANIZATION

Station No. 2661 T.F. 73

RAINFALL at DERBY (THE ABBEY) (+9?)

51

County of DERBY

Observer Boro' ENGINEER, Surveyor

River Basin DERWENT - 6

Type of Gauge 110 (A)

Annual Average 26.2 in. based on 35 years obs., un-weighted. Period of average 1881 - 1916 Ref. S & AWS.

File No. 24311/33

Diameter ...	5"		110	430							
Height ...	1' 0"				1						
Altitude ...	196'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.03	2.02	1.02	1.03							
February ...	2.47	.61	1.70	1.87							
March ...	3.92	2.47	1.36	2.09							
April ...	1.59	1.24	2.51	.29							
May ...	2.63	2.52	1.99	2.29							
June ...	1.37	2.30	3.05	2.77							
July79	2.23	3.25	2.20							
August ...	4.24	1.81	2.07	3.99							
September ...	1.35	1.49	1.38	3.01							
October67	2.73	1.93	3.09							
November ...	5.70	1.48	1.63	#							
December ...	1.90	2.46	.94								
TOTALS ...	28.66	23.36	22.83	n.p.							
	N.P.	D	D								

1951 up to Oct re testing gauge etc.

1952 Paint.

1953. SRC. Webball reports 80% poor with glasshouses, trees reporting dead to near & old plants all round. Vines mostly in reasonably good condition. To be moved to Newmarket Park or Caversham.

1954 1st Nov gauge moved to Derby (Garrison) See No 2655/7

1954 N.P. incomplete (terminated)

6.5ft.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SK 358 350

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	✓