

RAINFALL AT Ampleforth College

Lat.

Lon.

County of

York N.R.

Rain Gauge, by

Observer Rev T. A. Burge

Case - Derwent 4

Diameter	5									MEANS.
Height	1 0		1 - 6							
Altitude	365 ⁵ B									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
January	2.70	1.94	5.42							
February	1.26		2.65	1.34						
March	1.41		2.21	.20						
April	1.09		1.60	.42						
May	2.84		4.66	2.05						
June	2.71			1.86						
July	2.35				H					
August	3.40									
September	2.00									
October	1.62		6.51							
November	3.51		1.62							
December	1.25									
TOTALS	26.14	NR								

1889 C Mar 2.80 in., April 1.24, May 3.33, June 2.5 Oct. 4.52 in
Nov. 1.25 in.

1890 Ampleforth Church .75 mile NW

Private Chapel soft high 119 ft N

Tree 50 ~ 100 SW

RAINFALL AT

Ampleforth

{Abbey
College}again from '09
from ii. 07 - 08.Lat. $54^{\circ} 12' N$ Long. $1^{\circ} 6' W$

County of York, N.R.

Rain Gauge, by

Observer Meteorological Council

over, sevenet - H.

Rev T. J. Barton S.B.

Diameter ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height ..				1 0							
Altitude ..				350							
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..	3.62	1.36	.85	1.62	2.02	.66	4.27	1.13	.89	.60	17.07
February ..	4.18	2.85	1.30	1.23	2.30	.93	3.03	1.26	1.99	.77	19.84
March ..	.78	1.91	1.05	2.30	2.40	2.02	2.35	1.51	3.18	4.22	21.72
April ..	1.51	2.24	1.80	1.63	2.08	3.14	2.16	1.55	2.54	2.68	21.12
May ..	1.51	.76	1.83	3.03	3.31	1.30	3.39	4.58	1.74	1.57	22.02
June ..	1.69	1.59	2.11	1.95	.94	.91	1.09	3.43	.59	2.30	16.60
July ..	1.73	1.81	2.35	3.90	1.33	1.45	1.25	1.21	2.35	2.48	19.26
August ..	3.75	1.30	2.27	2.90	4.95	3.56	2.68	1.83	1.87	3.90	29.01
September ..	.75	1.20	.65	3.32	2.06	3.03	.69	.75	2.09	1.68	16.22
October ..	5.23	2.16	2.42	7.67	.65	2.08	6.57	4.35	1.06	2.71	34.90
November ..	2.93	4.30	1.67	1.98	2.66	5.56	3.44	2.49	1.44	.64	27.11
December ..	2.89	4.25	2.27	1.20	2.63	.53	3.37	3.50	1.85	4.02	26.81
TOTALS ..	29.77	25.73	20.57	32.73	27.33	25.17	34.29	27.59	21.59	27.57	272.34

*

Bale year, 1901-02 come from M.O. 3 Customs sheet

(3-X-22)

* = Waggoner (Inches)

1907? Moved to College from Abbey from ii. 07

1909? " back to abbey.

RAINFALL at Ampleforth Abbey

County of N.R. Yorkshire

Observer Rev J. P. Barton O.S.B.

River Basin Ouse-Derwent 4

Rev G. B. Hesketh O.S.B. (1)

Rev H. De Normannville O.S.B. 1912

Smaller Rain Gauge, by

Diameter ...	7	8									
Height	1.0										
Altitude ...	350	351									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.11	1.69	3.77	3.35	1.42	3.16	.57	3.47	2.09	3.31	
February ...	2.97	1.06	1.43	.82	1.35	2.90	2.83	1.12	2.06	1.40	
March58	2.04	3.65	1.91	2.20	1.54	2.79	1.29	1.40	2.28	
April	2.42	.89	.11	2.81	.69	.85	1.69	1.79	1.09	1.44	
May	2.84	1.20	2.78	2.05	1.82	1.59	2.89	1.27	4.13	.96	
June.....	2.97	3.22	6.36	1.56	2.19	.25	2.94	1.48	1.04	1.02	
July	2.61	.96	3.05	.40	5.10	5.47	2.66	1.45	3.45	2.87	
August.....	3.97	2.65	4.72	.72	1.16	3.82	3.48	7.39	2.35	2.87	
September52	2.45	1.92	.92	1.34	.88	.88	.43	5.51	.88	
October ...	2.35	2.46	3.06	3.06	2.13	1.10	3.24	3.12	1.28	4.24	
November ..	3.29	3.67	2.80	1.91	3.47	1.91	2.97	2.06	1.65	2.50	
December ...	2.90	4.89	1.29	1.47	4.57	5.64	2.20	1.28	3.35	3.95	
TOTALS ...	29.50	27.18	34.94	20.99	27.44	29.11	29.14	26.15	29.30	36.52	

1912 Brushes 7 3/4 ft high 15 ft NE
 Boulding 60. . 35 yds NE
 1915 Trees 20. . 30 ft NW

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54.12.13	1.5.	Gilling	1 3/4 mi	SE	Ampleforth	1 mi	W

RAINFALL at Ampleforth College old gauge

County of N.R. Yorkshire

Observer Rev. H. de Normansville G.S.B.

River Basin Ouse-Derwent &

Rev. S. T. Unsworth, G.S.B. (36)

Snowdon Rain Gauge, by

(1929) The Abbot, for Rev. S. C. Danvers, S.G.

1929. Standard

N+2

Diameter ...	9		5	5"	6		5				
Height	10			1' 3"	10						
Altitude ...	350			350'	350						
Year	1920	1921	1922	1923	1924	1925	1926				
							1927				
							1928				
							1929				
							1930 <u>MEANS</u>				
January ...	2.77	2.65	3.30	1.62	2.27	1.45	2.96	2.15	4.46	2.21	3.73
February78	.20	2.77	4.95	1.80	3.37	2.26	1.44	1.35	1.11	1.44
March	2.01	1.24	1.59	1.81	1.62	1.42	.71	2.12	2.53	.82	2.09
April.....	4.39	1.29	1.86	1.99	1.77	2.44	.65	1.80	.88	1.11	2.50
May	2.60	1.81	.79	2.46	4.58	3.06	1.58	1.37	1.17	1.65	1.11
June93	.26	1.94	.59	1.47	.08	3.10	2.99	3.46	1.59	1.75
July	5.40	1.13	4.25	3.26	3.37	1.16	2.03	4.19	.69	2.28	4.28
August	1.80	4.56	3.28	4.25	3.15	2.26	3.29	6.89	3.43	2.55	3.22
September...	1.23	.98	1.92	3.84	2.68	2.59	1.30	4.94	.41	.53	4.07
October.....	2.25	1.54	.96	2.31	4.31	2.86	3.06	2.22	4.09	2.63	2.20
November...	1.19	1.76	1.21	2.87	1.74	1.85	5.05	2.46	2.82	3.81	3.66
December...	2.69	1.84	3.54	3.35	2.97	2.66	.70	2.17	1.78	4.31	2.28
TOTALS...	28.04	19.26	27.41	32.30	31.77	25.20	26.69	34.74	27.07	24.10	32.33

1920 Years 20ft high 30ft - NW
Bushes 8" 20" NE

7 m.s.e. to River Brackell?

Gauge changed to 5 in Standard N+2 - Oct. 1922.

1929. Exposure, on edge of a terrace falling away to the S.W. most unorthodox
site Inspection report of visit on 6/10/28.The gauge was used as standard till 1/1/31. It is 13% low
See new gauge next dayPosition of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	54° 12' 13"	1° 56'	Gilling	1/2 mi	SE	Ampleforth Abbey	1 mi	W

Standard for M.W.R.
as from 1/1/31

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RAINFALL at Ampleforth College New Gauge site

County of North Yorkshire

Observer The Abbott, per Rev. E. G. Vanheems, S.J.

River Basin Gair Dene

Rain Gauge, by

Diameter	5
Height	10
Altitude	313
Year	1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930
January	2.31 4.33
February	1.19 1.71
March	.33 2.53
April	1.16 2.89
May	1.32
June	1.86
July	4.68
August	3.67
September	4.53
October	2.45
November	4.07 4.01
December	4.80 2.69
TOTALS	36.67

1929. Exposure until April. On a bank behind a line of buildings & much sheltered by trees side. Inspection Report 6/10/28.

Exposure after Oct. 1929. Moved to a new site selected by Observer not that selected by Inspector on 6/10/28. Gauge is in a sealed enclosure? dimensions measurements were made with a measure suitable for a gauge of 4.94 in diameter not 5 inch diameter, and has been reduced in proportion by m.s.g.

1930. Check gauge.

New site to be used as standard Rev 79 A file

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

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

RAINFALL at Ampleforth College (old site)

County of North Riding Observer The Procurator,

River Basin Ouse - Derwent 4.

Type of Gauge.....

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....

Diameter	S.										Means
Height	1.0.										
Altitude	350.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS											

~~H~~ This gauge was truncated in 1930 : found 13% too low.
The new size No 3457 was accepted as standard for M.A.R.
from 1/1/31.

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

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

RAINFALL at Ampleforth College (new site) M.W.R.

County of North Riding,

Observer The Procurator,

River Basin Ouse-Derwent-4

Rev. E. G. Wimpey, OSB

Type of Gauge

X Rev. J. B. Bayley OSB (1934)

Annual Average in. based on years obs. un-weighted. Period of average Ref.

Diameter	S.											
Height	1.0											
Altitude	313.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean	Total
January	2.08	1.89	1.99	1.96	3.08	4.57	3.61	2.64	4.90	3.07	2979	
February	2.39	.80	5.56	1.80	3.40	3.02	16.69	1.444	1.99	1.57	2666	
March	1.22	2.62	2.55	2.41	.72	1.70	3.22	.31	2.13	1.83	1371	
April	3.41	1.41	2.21	2.35	2.88	1.39	2.67	.20	1.27	1.40	1919	
May	2.46	6.52	3.19	1.17	1.40	1.60	2.76	2.26	1.39	1.60	2435	
June	4.60	.71	2.43	1.25	2.79	3.23	1.51	1.94	1.88	.70	2104	
July	3.27	3.45	2.09	3.18	.16	3.65	1.85	3.26	4.13	7.18	3232	
August	3.58	1.70	.52	2.97	3.42	3.58	1.32	2.79	2.03	1.15	2306	
September	4.38	2.91	2.19	1.61	4.56	2.55	1.46	2.39	1.45	2.07	2557	
October	1.22	8.91	5.03	2.00	3.78	1.49	2.59	3.83	3.35	3.11	3021	
November	5.07	1.85	2.88	2.06	4.87	3.13	2.43	3.29	2.70	3.48	3176	
December	1.17	1.84	.91	5.28	3.39	1.86	4.22	4.98	2.28	2.93	2836	
TOTALS	34.85	28.11	31.55	28.04	34.45	31.77	32.83	30.43	29.50	30.09	3112	
	D	D	D	D	D	D	D	D	D	D		

Inspection 19/5/32

* see M.C. and for note to go on new page which

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

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

RAINFALL at

1950 Station No. 31457 (MWK 7915)
M.W.R. / 41

County of North Riding

Observer Rev. T. B. Bayan O.S.B.

River Basin River Tees

Rev. H. de Monmoreville O.S.B. died 22.6.43

Type of Gauge

The Rev. T. L. Jackson O.S.B. (1943)

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E18W142

Diameter	5"		069	297							
Height	1' 0"				1						
Altitude	313'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50
January	3.78	3.78	4.38	2.99	4.19	2.38	2.88	6.28	1.86	1.16	3268
February	3.46	2.09	.63	2.40	2.26	1.42	3.60	1.36	.88	3.76	2196
March	3.01	2.29	.40	.56	.49	1.51	5.04	1.15	1.70	1.24	739
April	1.42	1.58	1.26	2.53	2.29	2.82	2.66	1.44	2.12	2.28	2001
May	1.96	3.00	3.01	.92	2.56	2.28	3.02	1.52	1.73	1.93	2195
June	.31	.82	2.37	2.98	2.73	2.29	2.71	6.68	.91	1.02	2282
July	1.82	2.97	.96	2.94	1.61	3.83	3.42	1.16	2.06	2.40	2317
August	3.49	2.66	3.30	3.65	3.26	4.20	.47	3.40	2.65	6.79	3417
September	.83	2.43	4.04	4.96	1.27	4.60	1.63	1.39	.56	3.41	2512
October	3.84	2.27	1.61	2.79	3.04	.99	.67	1.09	2.81	1.26	2667
November	3.96	.74	3.26	4.13	.64	6.09	1.96	.91	3.67	4.68	3004
December	.62	2.32	1.87	2.11	1.99	3.02	1.62	2.80	2.21	3.66	2196
TOTALS	28.82	26.95	26.83	33.02	26.33	34.93	29.68	29.23	22.16	33.89	29184

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

Station No. 3457

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RAINFALL at Wetherby

M.W.R.

County of North Riding - Yorks. Observer Mr. T. L. Jackson, B.S.B.

River Basin Ouse - Derwent - H.

Rev. G. French 058 ref. 24/1/52

Type of Gauge 70. ^{4 ft New one} (TA)

Rev. M. A. Everett ref. 2/57

Annual Average in. based on years obs. un-weighted. Period of average 1916-1950 Ref. P
30.03 " " 26 " 1931-1956 File No. E 1961/10

Diameter	5"	069	297							5"
Height	1'0"		1							0' 10"
Altitude	313'		51							313.
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	2.02	1.92	1.05	2.15	1.59	5.15	1.38	2.43	2.23	5.28
February	3.22	.60	1.78	2.52	2.54	2.39	2.88	4.10	.50	2.31
March	3.51	2.47	.10	2.13	2.50	.85	1.90	3.70	1.30	1.09
April	1.13	1.51	2.56	.20	1.28	1.74	.24	1.13	3.66	1.01
May	4.12	1.44	1.80	2.97	1.98	.57	1.55	3.16	.57	0.99
June	1.00	1.96	3.42	1.97	2.64	3.84	2.53	3.02	1.71	0.53
July	2.00	2.03	4.07	2.83	1.37	5.50	3.69	3.04	1.82	6.38
August	6.38	1.79	3.63	5.26	.80	8.81	5.68	2.20	.45	2.00
September	1.74	4.04	1.37	2.39	1.23	2.13	3.65	2.41	.33	3.06
October	1.94	2.84	2.27	3.83	1.95	1.41	2.43	1.58	1.53	2.19
November	5.85	2.16	2.75	5.20	2.73	1.20	1.82	.74	3.63	3.90
December	2.95	2.30	1.20	1.96	3.47	2.27	2.29	3.44	3.57	3.09
TOTALS	35.86	26.06	26.00	33.41	24.08	35.86	30.04	31.01	21.30	37.49
	D	D	D	D	D	D	D	D	D	D

Bump II. S.H. Brazell 12-952. End 16' ag. suridg wooden fence, grassy.

g. ground, runs back low ridge. Shrub E N.W. & tree 40'. 40' away.
Rev. Jackson reported to have gone further from college.

Sump ag. elevation 313'. 20' 1/2' 60' 0' S from NNE. Slight tilt to N.E. Move to SSW would improve exposure but only with available. This site ~~is now since 1955~~ was adopted in 1955 as rec'd no vector. Since then a tower has been built to NE which off's site. New site rec. was to SSW about 100' distant. From photograph the present site appears greater off to S and SE.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 441598789

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
					RAIN RECORDER CHART MICROFILM STN	FROM 10/56 TO 8/66

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
		Camp 1929	V V	V V	