

RAINFALL AT *Whitby Mulgrave Castle*

Lat. *54° 32' N*

Lon. _____

County of *York N.R.*

Rain Gauge, by _____

Observer _____

Mr. J. Corbett

Est. 5

Diameter						5					
Height						1					
Altitude						447	4107				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							1.10	2.25	.66	2.50	
February . . . . .							.53	2.01	1.60	1.70	
March							2.46	3.89	2.10	2.18	
April							1.05	1.75	2.55	2.14	
May							1.36	1.17	4.50	3.24	
June							2.09	2.65	1.05	1.41	
July							1.49	1.29	1.29	1.48	
August							2.42	2.21	2.28	1.35	
September						# 1.48	3.50	3.84	.27	3.62	
October						4.85	4.94	1.61	4.82	2.76	
November						2.49	1.78	2.50	3.04	1.61	
December						1.90	3.24	2.11	1.68	2.94	
TOTALS							25.96	27.28	25.84	26.93	

*1896 Lyke ch 1/4 mile NE
Tree 10 ft high 15 ft NW.*

RAINFALL AT Whitby Mulgrave Castle

Lat. Lon. County of York N.R.

Smoker Rain Gauge, by Observer Mr J Corbett
late 12-5.

Diameter ..	5										
Height	1. 0										
Altitude ..	410 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.04	2.16	1.25	1.68	2.03	.42	2.00	.92	1.37	.86	1.573
February ..	5.51	2.77	1.51	1.54	3.18	1.28	2.08	1.29	1.79	1.22	2.217
March	1.66	2.30	1.26	2.14	1.69	1.44	1.81	.72	2.77	5.33	2.112
April .....	.92	1.57	.96	2.97	1.10	2.39	.71	2.10	2.39	2.50	1.761
May	1.52	2.07	2.44	2.92	2.64	1.01	4.49	4.63	2.00	1.87	2.559
June	3.16	1.45	2.80	3.29	1.01	1.14	.93	2.32	1.15	3.42	2.067
July	1.61	4.34	2.26	3.46	1.94	.82	2.07	1.57	2.12	3.28	2.347
August	6.03	1.62	2.31	1.60	3.46	2.26	2.76	2.58	2.44	5.06	3.012
September..	.63	.59	.79	3.55	1.02	1.02	.72	.56	2.23	2.28	1.439
October....	4.50	1.48	2.91	6.70	.48	4.57	3.95	5.86	1.15	2.57	3.417
November ..	2.94	4.53	.99	3.08	2.39	4.84	2.96	2.43	1.65	1.33	2.714
December ..	2.30	4.06	2.80	1.25	2.12	.53	2.31	3.62	1.94	3.66	2.459
TOTALS ..	33.82	28.94	22.28	34.18	23.06	22.72	26.79	28.60	23.00	33.38	27.677

1900 Zythe Church $\frac{1}{2}$ mile NE
Tree 6 ft high 10 ft SE
1905 Sandem Station 1 mile E

H. W. B.

RAINFALL at Whitby Mulgrave CastleCounty of N. R. YorkshireObserver Dr J. LambethRiver Basin Es & C 5

Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	410 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.65	1.72	2.90	4.09	1.91	3.48	1.21	3.59	1.69	2.74	
February ...	2.75	1.18	1.37	.86	2.24	3.46	3.23	.88	1.50	1.64	
March .....	.53	1.36	2.70	2.42	1.99	1.65	3.23	2.20	1.29	4.90	
April	2.29	.56	.31	3.21	.65	1.20	1.84	2.66	1.76	2.35	
May	3.17	1.11	3.27	2.86	1.45	2.38	2.84	1.82	2.29	1.04	
June	1.87	6.55	5.54	1.51	1.86	.35	1.96	1.68	.65	1.37	
July	2.01	1.49	5.36	1.26	5.47	5.58	1.59	2.47	3.05	2.51	
August	2.95	4.48	4.16	.97	.95	2.85	3.06	6.59	1.97	2.43	
September ..	.95	3.16	2.58	1.60	1.51	2.59	1.45	.84	4.81	1.24	
October ...	2.68	2.29	2.85	5.17	2.34	1.60	3.26	2.79	2.23	5.38	
November ..	3.16	3.32	2.83	2.00	3.03	2.42	3.63	1.84	1.49	2.69	
December ...	2.61	3.96	1.15	1.43	6.05	6.61	3.21	1.11	3.58	3.75	
TOTALS ...	27.62	31.18	35.05	27.38	29.35	34.17	30.51	28.46	26.31	31.12	

1913 ^{11/19} Yew Hedge 4 ft high 9 ft W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54° 31' N	0° 41' W	Sandstead	1 mi	E	Dythe	1/2 mi	N.E.

RAINFALL at Whitby Mulgrave CastleCounty of N. YorksObserver M. J. CorbettRiver Basin Esh & C 5Marquis of NormantonWhitby Rain Gauge, by (125)

Diameter ...	5"											
Height	1	0										
Altitude ...	410											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	
January ...	3.14	3.67	3.05	2.35	1.83	1.37	2.22	1.57	4.04	2.14	3.90	
February ...	.94	.35	1.99	3.61	1.19	3.66	2.91	1.61	1.28	.97	1.06	
March	2.87	.87	2.64	1.07	.91	2.53	.56	1.92	2.48	.21	2.88	
April.....	3.35	1.22	1.50	1.43	1.69	2.27	1.25	1.69	1.46	1.04	2.90	
May	1.15	1.15	1.04	3.67	4.65	1.86	1.54	.99	1.36	1.28	1.89	
June .....	.77	.19	2.38	1.07	1.77	.63	3.52	3.01	4.64	1.91	1.42	
July	6.90	1.66	4.25	3.00	4.64	2.71	3.32	2.80	.83	2.80	8.53	
August	2.01	4.90	4.25	3.69	2.01	3.95	4.06	4.95	4.14	3.39	3.23	
September...	1.48	.82	3.54	1.34	2.76	2.67	1.88	4.72	.74	.47	4.90	
October.....	2.20	2.05	1.81	2.02	4.50	2.38	4.58	2.10	3.69	2.55	2.08	
November...	.68	2.88	.90	4.47	1.50	4.41	5.01	5.15	2.30	2.99	3.54	
December...	2.77	1.09	3.75	3.41	2.75	5.48	1.09	2.24	1.05	6.14	2.61	
TOTALS...	28.26	20.15	31.10	31.73	30.20	33.92	31.94	32.75	28.01	25.89	38.94	

1920 New Hedge 4'6" high 10 ft W.

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	54° 31'	41'	Sandstead	1 mi	E	St. Oswalds Lythe	1/2 mi	N

RAINFALL at Whitby (Mulgrave Castle)County of North RidingObserver Mr. J. Corbett, Retired 1937River Basin ESK & C. - S.The New EnglandType of Gauge GlaisherAnnual Average 29.1 in. based on 31 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref 5

821669/28

Diameter	5.										
Height	1.0.										
Altitude	410.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.08	1.78	2.52	1.48	2.98	3.94	4.57	3.00	5.09		
February	2.17	.64	2.98	1.96	3.26	2.15	3.74	1.30	1.21		
March	1.15	2.30	1.84	2.59	.85	.91	6.01	.15	2.16		
April	3.53	1.56	0.76	2.21	2.48	1.14	3.28	.28	1.78		
May	1.82	8.83	2.16	.94	1.62	2.44	4.14	3.45	2.12		
June	6.41	.80	2.38	1.91	2.58	3.83	1.41	2.22	2.88		
July	3.39	2.49	2.93	1.91	.39	2.35	1.86	3.69	2.10		
August	2.86	2.12	0.26	2.69	1.38	2.25	1.54	2.57	3.42		
September	4.83	2.11	1.91	.92	5.41	3.24	2.25	1.40	1.65		
October	1.59	4.54	4.96	1.83	3.55	1.99	3.75	3.56	6.84		
November	1.71	1.81	3.42	3.69	5.08	2.27	2.65	2.96	3.05		
December	1.80	1.13	1.43	4.75	2.54	2.21	4.67	3.61	2.15		
TOTALS	34.34	30.61	27.53	26.88	32.12	29.12	39.87	28.19	34.45		

1931 Yew hedge 4' high 9' 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
			Sandsend	1m.	E	Lythe	1/4 m	N.E.

Station No. M. 3477 ✓RAINFALL at Whiby (Malgrave South)

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County of North RidingObserver The Head GardenerRiver Basin E. & C. - SType of Gauge GlassAnnual Average 29.1 in. based on 31 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 8.21.6.9/28

Diameter	5"										
Height	1' 0"										
Altitude	410'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS	N.R.										

After the war we might wish again to have further
 films on a long R.F.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No.....

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

BRITISH RAINFALL ORGANIZATION

Station No. 3477

TF 95

RAINFALL at Mangrove Castle

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County of YAKS N.B. Observer YAKS Ouse River Bonad

River Basin 5 - Esk & C.

Type of Gauge M.O.

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

" " 28-95 " " 5 " 1953-57 " " 1914-20 E 152 324 8

File No. 795-152 E20346/57

Diameter ...	5	035	300								
Height ...	1	0		1							
Altitude ...	410		51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.75	2.06	1.14	2.28	1.61	3.53	1.55	3.53	3.59	4.88	
February ...	3.06	0.86	1.99	1.78	2.26	3.00	2.21	4.41	.48	2.67	
March ...	4.93	2.14	.23	1.88	2.20	.90	.88	3.62	.97	1.30	
April ...	1.91	1.12	2.41	.17	.83	.67	.59	1.77	3.12	0.77	
May ...	6.54	1.77	1.97	1.91	2.42	.56	.76	2.74	.50	1.03	
June ...	2.11	1.19	3.40	2.18	2.24	3.00	2.57	3.09	1.58	0.82	
July ...	1.98	2.13	2.65	1.40	1.11	2.64	3.56	3.14	1.57	4.68	
August ...	6.27	2.02	2.58	6.53	1.43	6.56	2.56	2.39	.49	3.28	
September ...	1.17	6.52	1.26	1.39	1.20	1.79	4.87	1.50	.97	3.22	
October ...	1.65	2.61	2.09	4.17	3.00	2.12	2.67	1.50	1.82	8.17	
November ...	5.95	1.66	1.68	4.90	1.89	2.05	2.11	1.12	5.14	4.17	
December ...	2.76	3.16 2.51	1.13	2.15	3.60	2.30	1.60	3.72	4.89	2.85	
TOTALS ...	10.10	30.26 unc n.p.	22.53 D	30.74 D	23.79 D	24.12 D	25.93 D	32.53 D	25.12 D	37.84 D	

1952. Formerly (alt 1910) recd from Br. Gaug. Greenhouse 16' high 90' N, wall 16' high 100' S, E 2' W.

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference 47/845126

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1952			Sandown	1 mi E	Rythe	1/2 mi NW

Summary of Earlier Records from 10-year Sheets:

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