

RAINFALL AT *Whitby Park Hall Aislaby*

Lat. Lon. County of *Yorkshire*
Smarden Rain Gauge, by *H. J.* Observer *Ed. J. H. Richardson*
Ex. TC-5.

Diameter ..				5							
Height				1 0							
Altitude ..				500							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					2.90	.61	2.32	.89	1.44	1.09	
February ..					4.14	1.50	2.72	1.23	2.34	1.29	
March					2.41	1.82	1.91	.93	3.46	5.66	
April					1.10	2.67	.97	2.20	2.76	2.69	
May					2.65	1.25	4.02	4.17	2.12	1.74	
June					1.22	1.58	.83	2.16	1.10	3.45	
July				#	3.60	1.85	.88	3.09	1.41	2.02	3.42
August					1.61	2.94	2.55	2.71	2.36	2.82	6.07
September ..					3.16	1.26	2.51	.73	.57	2.31	2.26
October					6.95	.53	4.87	4.66	6.25	1.36	2.60
November ..					3.09	2.37	5.71	3.05	2.93	1.61	1.19
December ..					1.67	2.45	.71	2.79	4.50	3.29	4.22
TOTALS ..					25.82	26.66	29.80	29.75	26.63	35.68	

D J D J D J

1903 Aislaby Church 1/4 mile N
 Heights Station 3/4 " SE
 Greenhouse 12 ft high 35 ft N
 1908 Aislaby Church (old) 80 yards NE by E 25° E 9 N
 " (New) 450 " E by N 1/2 N 0 3/4 E 9 N
 N.B. The old Church is the one probably marked on the Ordnance Map

RAINFALL at Whitby Park Hall AislabyCounty of N. R. YorkshireObserver R. J. RichardsonRiver Basin EsK + C 5Snowdon Rain Gauge, by N + Z

Diameter ...	5											
Height	1.0											
Altitude ...	500											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEAN.	TOTALS
January ...	3.27	2.07	3.01	4.18	1.67	3.77	1.03	3.53	1.68	3.16	9.40	
February ...	3.07	1.11	1.56	.90	2.42	4.06	2.90	.73	1.29	1.47	6.39	
March .....	.72	1.77	2.88	2.72	2.34	1.67	3.51	2.22	1.42	5.20	12.35	
April	2.36	.64	.30	3.60	.82	1.30	1.59	2.95	1.61	1.80	7.95	
May	3.15	1.42	3.30	2.69	1.19	1.83	2.95	1.46	2.14	.89	7.44	
June	2.11	5.82	5.85	1.79	2.32	.30	2.02	2.18	.84	1.43	6.47	
July	2.74	1.61	5.44	1.28	5.82	6.22	1.41	1.63	2.41	3.15	8.60	
August	3.37	3.84	3.85	1.17	.81	2.66	3.10	8.03	2.85	2.71	16.39	
September ..	1.33	2.78	2.52	1.68	1.40	2.28	1.35	.89	4.51	1.20	7.95	
October ...	3.17	2.08	2.91	4.95	2.27	1.66	3.29	3.02	2.30	5.51	14.12	
November ...	3.86	3.67	2.85	1.50	3.13	2.51	3.61	1.92	1.64	3.13	10.30	
December ...	2.99	5.00	1.13	1.44	6.17	5.73	3.97	1.27	4.02	3.16	12.42	
TOTALS ...	32.14	31.81	35.60	27.90	30.38	33.99	30.73	29.83	26.41	32.81	119.78	

1913 farmhouse 12 ft high 35 ft W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54 27 59	040 16 W	Sleights	1016 yds	NW & W	Aislaby old ch. " new ch.	80 yds 450 yds	N. 56° E N. 76° E

RAINFALL at Whitby (Park Hall Aislaby)County of N. YorksObserver Rev J. H. RichardsonRiver Basin Eska & C 5~~Snowdon~~ Rain Gauge, by N. Yorks

Diameter ...	5												
Height	10												
Altitude ...	500												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals	
January ...	3.43	3.43	3.00	2.27	2.21	1.41	2.98	2.02	3.89	2.17	4.55	31.36	
February ...	1.01	.24	1.84	4.42	1.32	3.63	1.99	1.37	1.52	1.14	1.60	20.05	
March	3.26	.84	2.66	1.26	.96	2.12	.70	1.96	2.78	.18	2.91	19.63	
April	3.75	1.22	1.56	1.45	1.71	2.40	1.32	1.97	1.62	1.09	3.01	21.10	
May	1.18	1.95	1.62	3.55	4.71	1.65	1.28	.89	1.43	1.46	1.59	21.31	
June .....	.66	.44	2.29	.99	1.90	.70	3.69	2.63	4.53	1.84	1.47	21.14
July	6.13	1.71	4.62	3.08	4.19	3.15	3.41	2.56	.66	3.12	9.63	42.26	
August	2.45	5.04	3.87	4.50	2.10	4.18	4.25	5.25	4.03	2.71	3.27	41.65	
September...	1.39	.82	3.44	2.11	2.94	2.77	1.86	5.16	.93	.37	5.49	27.28	
October.....	2.48	1.94	1.73	2.18	3.81	2.35	3.47	2.11	4.01	2.62	2.19	28.89	
November...	.71	2.34	1.56	4.40	1.49	4.63	4.78	5.69	2.67	3.32	4.08	35.67	
December...	2.98	1.51	4.59	4.06	2.92	5.93	1.23	2.97	1.25	5.33	3.21	35.98	
TOTALS...	29.43	21.45	32.78	34.27	30.26	34.92	30.96	34.58	29.32	25.35	43.00	346.35	

1920 Greenhouse 12ft high 35ft W

Position of Station on reduced Ordnance Survey
Map, 2 miles 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
1920	54° 27' 59"	0° 40' 16"	Whitby	1016 yds	NW 1/4 W	Aislaby	450 yds	E by N 1/2 N

RAINFALL at Whitby (Park Hall, Aislaby)

County of North Riding Observer Rev. J. H. RichardsonRiver Basin Esk & C - SType of Gauge M. O.Annual Average 30.7 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref. S

895322/29

Diameter	5.										
Height	1.0.										
Altitude	500.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total
January	3.63	2.11	2.63	1.77	2.68	5.28	5.16	2.82	4.22	1.44	31.74
February	2.34	.81	4.40	2.02	3.23	2.81	3.71	1.21	1.70	2.01	24.24
March	.98	2.36	1.71	2.78	.76	.78	5.48	.19	2.33	1.56	18.93
April	3.45	1.88	.76	2.13	2.30	1.06	2.97	.25	2.24	1.55	18.59
May	1.87	8.91	2.54	1.08	1.40	2.62	4.04	3.17	2.21	.45	28.29
June	4.98	.95	2.31	1.68	2.83	3.37	1.13	2.10	3.81	.92	24.08
July	3.05	3.63	1.96	3.18	.18	2.90	1.95	3.00	2.45	5.33	27.63
August	2.18	2.05	.45	2.88	1.61	1.79	1.69	2.44	3.92	1.72	20.73
September	5.15	2.29	2.01	1.08	5.25	2.64	2.11	1.87	1.91	1.71	26.02
October	2.00	4.05	5.30	1.98	3.65	1.82	3.58	3.40	5.53	3.82	35.13
November	2.39	1.85	3.23	3.61	5.82	2.27	2.71	3.06	2.64	3.72	30.80
December	1.97	1.24	1.11	5.06	2.12	1.97	4.91	3.54	2.47	3.54	27.93
TOTALS	33.99	31.63	28.41	29.25	31.83	29.31	39.44	27.05	35.43	27.77	314.11
	D	D	D	D	D	D	D	D	D	D	

1931. Greenhouse 12' high 35' away 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
1931			Sleights	1016 yds	NW 1/2 W	Aislaby	450 yds	E by N 1/2 E

RAINFALL at W. Lillie (Park Hall, Aislaby) Station No. 3475
 County of North Riding Observer Miss M.A.N.
 River Basin Esbe & C - 5 (date 1941)
 Type of Gauge M.O.

41

Annual Average 30.7 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 895322/29

Diameter	5"		036	700							
Height	1' 0"			1							
Altitude	500'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	3.67	4.61	3.63	.99	5.36	1.32	2.26	6.25	.66	.98	29.74
February	7.92	2.39	.80	2.71	1.37	1.07	5.76	1.10	.73	3.00	26.85
March	2.69	.97	.58	.59	.37	2.31	5.39	1.51	1.19	1.10	15.70
April	1.60	1.32	.69	1.56	1.98	2.52	3.25	.90	1.86	1.96	17.64
May	2.06	2.13	2.70	1.31	2.94	1.80	1.69	1.40	1.28	2.10	19.41
June	.89	2.29	1.34	2.85	2.10	1.98	2.30	7.38	.51	1.86	23.20
July	2.44	3.26	1.70	2.70	1.76	4.07	1.55	1.16	2.03	2.91	23.58
August	2.71	1.72	2.96	4.08	5.20	3.82	.14	3.50	1.79	4.58	30.50
September	.76	2.56	4.09	5.42	1.79	3.48	2.05	1.23	.72	2.44	24.74
October	3.95	1.66	1.26	3.46	2.12	1.06	.79	1.33	2.66	.98	19.27
November	2.72	1.61	3.32	4.43	1.41	5.32	2.05	.68	3.69	5.86	31.05
December	.66	1.66	1.76	2.39	1.99	3.97	2.05	2.47	2.53	4.17	23.65
TOTALS	32.07 D	26.18 D	24.83 D	32.55 D	28.39 D	31.83 D	29.28 D	28.41 D	19.65 D	31.64 D	285.33

1941 greenhouse 12' high 95' 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			Sleights	1016 yds.	NW & W	Aislaby	450 yds.	E by N & N

BRITISH RAINFALL ORGANIZATION

Station No. 3475 ¹RAINFALL at Whitby (Park Hall, Disbury)

51

County of North Riding - YorksObserver Miss M. P. RichardsonRiver Basin Eske & E - 2C. A. M. Richardson Esq. (1955)Type of Gauge M.D.Annual Average 30.7 in. based on 23 years obs. un-weighted.Period of average 1881-1915 Ref. S30.444 " " 35 " " 1916-1950File No. 1916-1950
895322/p9 ^P

Diameter ...	5"		0.36	700							
Height ...	1'0"			1							
Altitude ...	500'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.65	2.69	1.16	2.05							
February ...	3.06	.91	2.77	1.95							
March ...	4.05	1.21	.29	2.11							
April ...	1.95	.97	2.38	.21							
May ...	6.11	1.65	1.65	2.19							
June ...	1.42	1.57	3.39	2.06							
July ...	1.78	2.84	1.97	1.60							
August ...	6.90	1.54	2.50	2.03							
September ...	1.00	5.92	1.36	1.48							
October ...	1.67	3.05	2.19	4.43							
November ...	5.72	5.52	2.06	5.57							
December ...	2.76	2.60	1.39	2.36							
TOTALS ...	38.07	30.47	23.11	34.04							
	D	D	D	D							

1951. Gymerhouse 12' high 35' W.
 1955 T. observer deceased.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NY458.087

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951.			<u>Sloughs</u>	<u>1016x NNW</u>	<u>avalay</u>	<u>450' NNW</u>

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record	1910-19	1920-30	1931-40	1941-50	1951-60
D, or d	<u>✓</u> <u>1941-17</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	