

## RAINFALL AT Hambleton Hills, High Paradise

Lat.

Lon.

County of York, N.R.

Rain Gauge, by

Observer A.C. Bamlett, Esq., C.E.

One - Wall 2

Diameter	5										
Height	1.0										
Altitude	1050										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	.20	.01	.96		3.46	2.61	1.29	2.49	.12	1.17	
February	2.44	3.67	1.13		1.26	1.96	2.44	.94	.85	2.00	
March	2.41	3.33	2.27		3.03	1.94	2.74	1.62	4.92	2.74	
April	2.72	1.59	5.66		2.04	2.20	1.51	.89	1.70	1.67	
May	1.66	1.56	2.37		.85	2.48	3.44	1.74	1.43	2.18	
June	3.27	2.28	4.60		.94	2.15	.73	.24	1.36	.14	
July	5.88	4.17	3.36		2.96	.69	5.82	.89	3.92	2.97	
August	1.56	5.89	3.48		1.25	2.07	2.16	1.45	2.54	4.61	
September	7.50	3.39	1.93		1.57	3.98	1.43	2.92	1.33	1.41	
October	2.90	3.55	4.75		1.75	4.91	3.77	2.72	.49	3.74	
November	2.54	2.90	3.02		1.80	2.07	3.66	1.32	3.53	1.08	
December	4.45	3.25	2.94		2.24	1.39	3.96	2.90	1.15	2.05	
TOTALS	37.53	35.09	36.47		23.15	28.45	32.95	20.12	23.34	25.76	

N.B. annual values rejected from Survey Map. 1929.

RAINFALL AT Hambleton Hills High Paradise Boltby

Lat.

Long.

County of York N.R.

Rain Gauge, by

Observer A.C. Bamfitt Esq

Case. Scale 2

Diameter .....	5										MEANS.
Height .....	10										
Altitude .....	1050										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	
January .....	3.05	1.29	1.90		4.47	.85	1.13	.32	2.09		
February .....	.78	1.89	.71		1.51	.55	2.29	1.41	1.06		
March .....	2.81	1.92	1.28		3.51	2.60	2.62	1.71	1.14		
April .....	.82	2.79	.61		1.06	.51	1.25	2.72	2.39		
May .....	2.32	1.80	1.45		.71	.66	1.51	1.05	3.51		
June .....	2.16	2.56	1.40		1.55	2.14	1.09	1.51	1.22		
July .....	1.47	1.22	1.90		5.38	2.26	1.02	.73	1.14		
August .....	4.11	2.79	1.65		3.45	1.78	3.68	2.74	1.01		
September .....	2.37	.76	1.49		1.17	2.92	1.58	.34	3.22		
October .....	1.71	4.19	1.22		3.53	4.47	1.50	2.76	1.79		
November .....	2.85	.97	3.01		2.56	1.66	1.34	3.32	.71		
December .....	1.13	1.23	1.75		1.63	3.63	2.03	1.80	2.46		
TOTALS .....	25.58	No recd	23.41	18.67	No Recd	30.53	24.03	21.04	20.41	21.74	23.00

? 96

Called Boltby in 1895 but believed to be the same record

93 C.

\* Computed from Thirk Surveyor & Ordnance Survey

N.B. annual values rejected from Survey Map, 1929.

RAINFALL AT Bolby

Lat. ....

Lon. ....

County of York N.R.

Rain Gauge, by

Observer A.C. Bamfitt Eng.One, swale - 2.

Diameter ..	..	..	..	..	..	..	..	..	..	..	MEANS.
Height ..	..	..	..	..	..	..	..	..	..	..	
Altitude ..	..	..	..	..	..	..	..	..	..	..	
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..	2.23	.90									
February ..	3.93	2.28									
March ..	1.12	1.66									
April ..	.67	1.51									
May ..	.61	1.02									
June ..	2.63	1.38									
July ..	.69	1.19									
August ..	5.81	1.44									
September ..	.44	.87									
October ..	3.58	1.73									
November ..	2.06	3.44									
December ..	1.29	3.28									
TOTALS ..	24.56	20.70	<u>Not Received</u>								

## RAINFALL at Thrusk Bolton High Paradise

County of N.R. Yorkshire

Observer A. J. Walker Esq.

River Basin Ouse. Swale 2

feel heatwave

Rain Gauge, by No 2

Diameter ...						5					
Height .....						1.3					
Altitude ...						1164					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...						3.98	.56		2.31	3.95	
February ...						4.27	3.14	4.65	2.00	1.48	
March .....						1.24	4.44		2.26	3.44	
April .....						1.40	1.39	4.10	1.76	2.07	
May .....						1.53	2.65	.78	3.30	.93	
June.....						1.17	3.66	2.28	1.07	2.55	
July .....						4.12	2.89	1.62	4.61	3.87	
August.....						3.03	2.20	9.58	3.08	2.58	
September ..						1.70	3.06	.99	6.60	1.27	
October ...						1.32	4.12	3.42	2.70	6.33	
November ..						2.32	2.82	2.77		3.28	
December...						5.46	2.41	2.16	5.93	4.30	
TOTALS ...						31.54	32.84	32.35	35.62	34.99	

This gauge was moved from Clegg Head Booth on 2 January 6 feet on horse above 50 ft. off road at 4pm on 21st Feb. 1919  
 and before removing it had been lowered. This is included in 3.18. It had been  
 1916 The case of this gauge was packed in 1915 & forwarded with a lead & a bottle brought into use.  
 1917 It read at irregular intervals - yearly total correct.

M. 13. ~~and all others rejected from the main table except those marked~~ see.

Date.	Lat. N.	Long. E.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
54°18'	1.16°4	Bolton				Bolton Holy Trinity		

## RAINFALL at Bolby High Paradise

County of N. R. Yorkshire)

Observer A. J. Walker Esq.

River Basin Guse-Swale 2

Self-recording Rain Gauge, by A. G. 3

Diameter ...	5"	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 M. & S. M.
Height .....	1 3											
Altitude .....	1144											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	M. & S. M.
January ...	3.63	3.28	4.54	2.07	2.46	2.13	4.68	2.98	4.96	4.38	4.70	
February ...	1.21	1.33	2.83	6.52	(2.59)	4.58	1.92	1.83	2.21	1.01	1.67	
March .....	2.96	1.49	2.64	6.68	(1.70)	2.92	1.28	2.94	3.76	1.34	3.14	
April .....	4.33	1.62	2.61	2.42	2.78	3.40	1.87	2.06	1.73	1.59	4.96	
May .....	2.65	1.98	.78	3.46	5.81	3.27	3.52	2.05	1.61	2.22	1.55	
June .....	1.87	1.36	2.57	1.22	2.18	1.69	5.45	3.95	4.85	1.98	3.37	
July .....	6.10	1.73	5.57	3.30	4.36	2.82	3.28	4.25	1.05	2.81	9.17	
August .....	3.48	5.65	3.10	4.38	4.60	3.21	3.34	7.20	6.60	3.13	4.43	
September...	1.44	1.41	3.44	3.31	3.04	3.31	1.79	7.18	.92	1.05	6.81	
October.....	2.46	1.87	2.06	3.33	5.42	3.69	3.60	3.53	4.42	3.43	2.79	
November...	1.35	2.42	1.80	(4.79)	1.87	7.32	6.50	4.96	2.96	3.82	4.60	
December...	4.10	2.64	4.10	(4.03)	4.12	1.13	1.46	1.95	2.13	5.91	3.55	
TOTALS...	35.58	24.78	36.04	40.42	40.84	37.47	37.69	45.48	37.20	31.67	50.74	

1922 : G. on moorland - nothing near.

1923 : The gauge was entirely covered with snow in November, the snow being unbroken until January 1925. Moor, doubtless.

1930 : G. is on moorland in a slight hollow and slightly sheltered by heather on the south.

~~A. G. 3 self-recording gauge rejected from Survey Oct. 1929. See~~Position of Station on reduced Ordnance Survey } No. of Map ..... Reference No. ....  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	54° 18'	1° 14' 4"	Gisburn	7 1/4 mi	S 30° W	Bolby St. Felise	1 7/8 mi	S 10° W

## RAINFALL at Boltby (High Paradise)

County of North Riding, Observer A.J.Walker, Esq.

River Basin Ouse-Swale-2

Type of Gauge Bartholomew

Annual Average 32.8 in. based on 12 years obs. unweighted. Period of average 1931-1945

Ref. S.

668813/26

Diameter	5.										Means
Height	1-3.										
Altitude	1164										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.48	1.93	1.88	2.37	(3.80)	4.64 (4.00)	3.04 (5.00)	2.60			
February	(2.46)	1.41		}(1.40)	(4.4)	(3.30) (4.50)	2.30	1.85	2.50		
March	(2.00)	2.86	7.79	(3.44)	1.04	(2.22) (4.13)	.38	3.00	2.70		
April	(5.60)	1.46	2.19	3.60	3.72	1.86	3.35	.20	1.43	1.79	
May	3.20	5.94	2.66	1.17	1.59	1.46	2.94	3.71	2.20	1.57	
June	(5.20)	1.28	2.20	(1.50)	4.16	(4.05)	1.59	2.38	2.80	.84	
July	(4.70)	{ 6.41	2.72	(3.89)	(.85)	(5.00)	1.64	3.31	4.21	7.98	
August	3.98		67	3.21	3.72	4.10	2.46	3.15	2.89	1.63	
September	6.67	5.25	1.60	2.22	5.37	3.83	1.40	(3.00)	4.00	1.88	
October	1.77	4.88	5.26	(3.24)	4.13	2.07	2.34	(4.09)	6.33	3.80	
November	(5.30)	2.21	4.96	(2.50)	6.92	4.34	2.52	3.60	2.78	4.25	
December	1.60	1.38	1.50	6.57	4.60	2.28	4.00	4.77	2.23	3.12	
TOTALS	44.96	34.51	33.43	(35.11)	43.07	39.15	34.90	33.93	38.72	34.66	M

1933  
Station in open moorland in a slight hollow, with semi-circle of heather some 3' distant to southward.

1936. monthly absent.

1937 Jan-Mar estimated.

1940 Jan, Feb, Oct, Nov. affpositioned

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			Thrusk	7 1/4 mls	S 55° W	Felixstowe	3 1/2 mls S 32° W
1940			"	"	"	Boltby	1 7/8 mls S 15° W

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

Station No. 3135

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## RAINFALL at Boltby (High Paradise)

County of North Riding Observer A. J. Walker Esq.

River Basin Ouse - Swale - 2

Type of Gauge Seathornstone

Annual Average 32.8 in. based on 12 years obs. un-weighted. Period of average 1.8.81-195 Ref. S

File No. 668813/26

Diameter	5"											
Height	1' 3"											
Altitude	1144											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	(3.50)	(4.02)	4.35									
February	(5.00)	(2.70)	.83									
March	(2.65)	(2.30)	.44									
April	.56	1.15	(1.60)									
May	1.54	2.81	(3.00)									
June	.93	1.35	1.87									
July	2.14	5.74	1.29									
August	3.81	4.27	(4.40)									
September	1.02	2.50	(4.00)									
October	4.04	3.12	1.72									
November	3.95	1.19	(4.81)									
December	.75	2.85	(2.00)									
TOTALS	29.92	34.00	30.21									
	M	M	M									

1941 Jan - Feb &amp; March apportioned by ref monthly maps.

Gauge is on open moorland in a slight hollow.

1942 1/1/42 Obs found several small holes in gauge just below rim. 10/1/42 painted gauge inside rim with aluminium paint. Surrounding moorland planted with trees some years previously by the Forestry Commission, these are now growing rapidly &amp; gauge will soon have to be removed. (costed on 1942)

Jan - Mar. apportioned

1943 Apportionments made by ref to maps.

1944 STT for deduction of gauge owing to availability of gauge.

A real "affair" of course.

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.
1941			Shirk L.N.E.R.	7 1/2 miles.	5.50° W.	Boltby (Holy Trinity)	17 3/8 miles. 5.15° W.