

RAINFALL AT Baldersdale Blackton Reservoir

Lat. _____

Lon. _____

County of N R York

Sydney's Coffinmaker Rain Gauge, by _____

Observer D. D. Wilson Esq
High School

Year 1906 N

Diameter ...									5		
Height									10		
Altitude ...									9357		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									2.30	2.80	
February ...									3.95	3.80	
March									5.30	4.30	
April									3.20	3.20	
May									3.15	1.50	
June									1.70	3.00	
July									3.00	2.60	
August									3.70	3.10	
September ..									4.40	2.60	
October ...									2.80	4.00	
November ..									3.10	1.80	
December ...									1.70	5.30	
TOTALS ...									38.20	38.00	

1908 Ronalds Kirk Church 4 1/2 Mile NE
 " Station 4/4 NE
 Boundary Wall 6 ft high 25 yards N

RAINFALL at Baldensdale Blackton ReservoirCounty of N. R. YorkshireObserver Hugh Wilson EsqRiver Basin Jess 6Smother Rain Gauge, by

M

Diameter ...	5											
Height	1.0											
Altitude ...	935									937		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. TOTALS	
January ...	5.20	1.70	3.30	4.60	3.40	5.00	5.50	4.10	8.00	11.10	19.00	
February ...	5.80	5.80	3.00	3.80	5.20	4.80	5.30	1.00	4.90	2.00	13.20	
March	1.90	2.10	4.30	7.40	4.30	1.80	4.90	2.70	1.60	11.50	13.70	
April	3.00	2.90	6.00	4.60	1.50	2.00	3.00	2.60	1.20	2.10	8.90	
May	3.10	1.40	2.80	(3.00)	2.60	1.80	3.70	2.20	2.30	1.80	10.00	
June	1.80	1.20	5.90	2.10	2.90	.60	2.40	1.40	.90	1.10	5.80	
July	3.80	.40	4.50	1.40	2.10	3.30	3.20	1.20	3.40	1.80	9.60	
August	5.90	2.80	5.90	(1.50)	2.00	2.30	2.20	7.60	4.50	3.40	17.70	
September ..	.40	2.50	2.80	3.30	2.70	1.00	2.80	2.40	9.20	2.10	16.50	
October ...	3.80	3.90	4.20	3.50	2.20	.70	3.30	4.90	3.50	3.60	20.30	
November ..	3.10	5.60	3.40	4.20	7.80	2.30	5.30	3.40	2.90	5.10	16.70	
December ...	4.00	6.90	5.90	3.20	8.90	7.10	4.40	2.60	6.10	5.50	18.60	
TOTALS ...	41.80	37.20	46.60	(42.60)	45.60	32.70	51.00	36.10	45.50	37.40	170.00	

1912 Wall 6 ft high 25 yds NE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Ronald Kirk	4 mi	NE	Ronald Kirk	4 mi	NE

RAINFALL at Baldersdale Blackton ReservoirCounty of N. YorksObserver Hugh Wilson EsqRiver Basin Tees 6J. S. Colver.Spennithorne Rain Gauge, byS. R. Collinson, CE.
Tees Valley Water Bd.M

Diameter ...	5												
Height	1	0											
Altitude ...	937												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 M.A.S.	1920-30 Totals	
January ...	6.70	7.80	4.70	3.90	3.40	5.30	5.50	4.20	9.10	1.50	7.30	59.40	
February ...	4.40	4.0	4.80	6.80	1.40	6.20	3.40	1.50	5.70	9.0	1.70	37.20	
March	4.70	3.50	3.40	2.10	1.50	2.30	2.80	3.70	4.20	4.0	3.10	32.00	
April	5.20	1.10	3.80	3.70	2.30	4.30	2.30	3.40	1.10	1.90	3.80	32.90	
May	5.40	2.30	1.50	3.50	6.50	4.60	2.30	2.60	1.80	2.40	1.70	34.60	
June	2.20	3.0	2.10	1.10	1.70	2.0	3.50	3.10	6.00	1.90	(1.40)	23.50	
July	4.80	2.50	4.70	3.60	4.80	2.00	4.30	5.30	2.60	3.40	(5.20)	43.20	
August	1.90	2.90 ⁺³	2.90	6.10	2.60	3.70	3.90	8.10	6.90	3.80	(5.40)	46.20	
September...	2.00	1.30	5.50	3.90	4.10	3.10	5.80	6.70	1.00	2.30	(4.40)	40.10	
October	3.30	3.60	1.70	7.30	5.20	4.30	4.40	3.70	5.20	4.40	(4.90)	48.00	
November...	2.10	2.30	1.40	5.90	3.00	2.40	6.90	5.70	6.40	6.20	(5.10)	47.40	
December...	4.70	7.60	6.60	3.00	6.90	6.30	2.00	2.70	2.60	8.60	3.80	54.80	
TOTALS...	47.40	35.90	43.10	50.90	43.40	44.70	47.10	50.70	52.60	37.70	(47.80)	501.30	

1920. Wall 6 ft high 25 yds N.E.

SpennithorneDetails 9.10.23. R. on N side of river with adequate shelter from
Walls & Trees.

1930. June - Nov. adjusted for a small leak. (7.670379/26)

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			Ronaldthorpe	4 mi	N E	Ronaldthorpe	4 mi	N E

RAINFALL at Baldersdale (Blackton Res.)County of North RidingObserver G. R. Collinson, Esq., F.R.S.River Basin Tees - 6T. S. R. Winkley, Esq., C.E. (1901)

Type of Gauge.....

Annual Average 42.5 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. S

670379/26

Diameter	5.											
Height	1.0.											
Altitude	937.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals	
January	4.40	5.40	3.30	4.70	2.00	5.30	5.30	6.30	7.30	(2.00)	46.00	
February	4.60	.40	6.70	.20	8.00	3.70	6.00	1.90	4.90	(2.80)	39.20	
March	1.20	3.00	3.10	4.70	2.10	2.90	3.50	2.20	4.60	4.60	31.90	
April	4.00	4.80	2.60	4.30	3.80	1.50	2.90	.70	2.20	2.40	29.20	
May	3.30	2.70	2.90	2.60	.70	2.20	3.30	3.60	.90	1.60	24.80	
June	5.30	1.30	2.50	2.20	3.20	3.50	1.70	3.50	3.30	.90	27.40	
July	4.00	4.20	3.70	2.70	1.70	3.40	2.10	3.20	5.90	4.50	35.40	
August	3.90	1.80	1.70	3.20	1.70	2.20	1.00	4.00	3.10	1.50	24.10	
September	2.10	5.50	1.90	2.50	8.50	6.30	3.40	2.00	1.50	4.10	37.80	
October	2.40	6.60	4.80	7.30	6.90	4.00	2.80	9.90	5.50	4.90	55.10	
November	5.10	3.20	3.20	2.10	6.90	5.20	1.80	6.40	6.50	5.50	45.90	
December	2.90	2.90	1.00	5.40	2.60	5.10	3.30	4.90	1.60	3.60	33.30	
TOTALS	43.20	42.80	37.40	41.90	48.10	45.30	37.10	48.60	47.30	(38.40)	430.10	
	M	M	M	M	M	M	M	M	M	M		

1940 Jan-Feb Totals adjusted from nearby stns.

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

Station No. T.F. 3491

RAINFALL at Baldersdale (Blackton Res.) ✓

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County of North Riding Observer T.S.R. White Esq. CE.

River Basin Tees - 6

Type of Gauge

Annual Average 40.56 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S.P.B. 447

40.9

33

File No. 226952(33) E10079/49 6.10.32.7.26

Diameter	5"		028	020								
Height	1' 0"			1				1' 5"				
Altitude	937'			41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	1941-50
January	3.20	4.10	5.40	6.10	5.20	3.60	4.20	10.70	2.50	2.70	47.70	
February	4.50	2.20	2.40	2.60	4.70	4.50	(4.00)	4.40	4.00	7.10	40.40	
March	4.10	2.60	2.60	.40	2.10	2.30	(6.50)	3.40	1.40	1.70	27.10	
April	2.70	2.30	2.70	1.70	(3.50)	1.40	6.70	3.00	4.20	2.90	31.10	
May	2.00	2.30	4.50	2.30	3.60	2.00	1.70	1.70	1.50	2.45	24.05	
June	.20	1.00	3.60	3.20	3.50	2.10	4.40	4.70	.80	2.20	25.90	
July	1.20	3.70	2.20	3.70	1.70	1.20	3.80	1.00	3.10	3.70	28.30	
August	4.40	3.40	7.60	2.40	4.50	5.40	.20	5.60	2.00	6.40	41.90	
September	.50	3.00	4.00	6.80	2.80	5.60	3.90	4.80	2.70	6.35	40.45	
October	5.10	3.80	4.40	4.20	5.90	.80	1.40	3.10	5.60	3.75	38.05	
November	3.70	1.50	3.10	7.80	.90	7.50	6.30	3.30	6.80	6.25	47.15	
December	1.90	4.40	2.80	4.30	2.40	4.60	4.40	3.90	8.30	2.55	40.15	
TOTALS	93.50	34.30	45.30	46.10	40.80	44.00	47.70	49.60	42.90	48.05	432.25	
	M	M	M	M	M	M	M	M	M	M		

1943 Oct - Nov apportioned by ref. rain gauge

1947 Feb 7 max. wind for snow

04004

30004

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.

Station No.

3491

25 42

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RAINFALL at Baldersdale (Blackton Res.)

County of North Riding Yorks

Observer

J. L. R. Winter Esq. C.E.
New Valley & Cleveland Water Bd.

River Basin Tees

Type of Gauge Bradford.

Annual Average 40.9 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. PB 447

43.82 .. 35 .. 1916-1950

File No. 1916-1950 P

Diameter ...	5"		028	020								
Height ...	1'0"			1					1'1"			
Altitude ...	937'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.65	4.50	1.25	3.40	3.20	4.30	5.10	3.20	3.20	5.75	37.55	
February ...	4.75	1.50	2.10	2.60	2.30	2.30	3.50	6.50	.70	3.68	29.93	
March ...	4.70	1.80	.60	2.50	2.10	2.50	2.20	2.70	1.90	3.25	24.25	
April ...	3.55	2.10	2.90	.80	.95	1.10	.50	1.80	3.40	2.65	19.75	
May ...	3.20	2.10	2.50	4.50	3.10	1.50	2.50	5.10	.45	1.82	26.77	
June ...	1.10	1.70	2.10	(3.20)	2.00	2.50	1.50	3.60	2.10	1.35	21.55	
July ...	1.40	2.00	3.65	(3.50)	1.40	3.70	4.60	3.40	2.40	5.04	31.09	
August ...	3.20	4.50	5.20	5.60	1.42	7.70	7.00	4.10	.89	2.98	42.59	
September ...	2.10	3.50	3.10	5.70	2.16	4.70	4.00	4.20	1.12	3.05	33.63	
October ...	1.10	3.50	1.80	8.10	2.15	3.50	4.40	3.10	3.60	7.62	38.87	
November ...	9.20	2.50	4.10	7.40	1.96	1.80	2.60	.90	5.20	7.12	42.78	
December ...	10.00	3.20	1.50	5.10	8.70	5.50	4.43	5.40	7.00	7.12	57.95	
TOTALS ...	47.95	32.90	30.30	53.00	31.44	40.90	42.33	44.00	31.96	51.63	406.71	
	M	M	M					M	M	M		

J. sand. Satisfactory exposure.
1958 Feb app 4

low

Position of Station on Ordnance One-Inch map :

No. of Map.....84.....

National Grid Reference NY(35)930182

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

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
C1902	✓	✓	✓	✓	
	-	but - 20-22			