

RAINFALL AT Baldersdale Baldershead

Lat. _____ Lon. _____ County of N R York

Smyth's Cappabrook Rain Gauge, by
Tee - 6. N Observer D. A. Wilson Esq
Hugh Wilson Esq

Diameter ...									5		
Height									1.0		
Altitude ...									1360		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...											2.80
February ...										11.53	5.10
March											2.40
April										2.30	4.80
May										4.80	1.50
June.....										2.90	3.80
July										3.00	5.10
August.....										4.20	3.70
September ..										6.80	2.40
October ...										2.50	5.50
November ..										4.60	1.40
December...										2.40	6.20
TOTALS ...									4508	4470	

1908 Ronaldshuk Church 7 Miles NE
 Station 7 1/4 - NE
 Gauge on 'Moorland'

1909 Old Building 1/4 mile 250 yards NE

RAINFALL at Paldersdale BalderheadCounty of N.R. YorkshireObserver Hugh Wilson EsqRiver Basin Tees 6Smardon Rain Gauge, by

M.

Diameter ...	5										
Height	1.0										
Altitude ...	1360										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2000	2.60	3.60	3.50	5.10	5.80	240	4.70	4.20	1710	
February ...	11.70	4.50	3.00	3.20	5.70	4.30	5.20	3.40 1.00	4.60	1.10	1190
March	1.70	3.70	4.80	5.00	5.00	3.70	1.60	1.90	1.90	3.40	880
April	2.50	3.10	1.00	5.40	2.00	2.20	4.00	2.10	1.30	2.70	1010
May	2.50	2.70	3.00	2.60	3.20	1.90	4.70	2.40	2.30	1.30	1070
June	3.40	3.50	6.10	2.90	2.60	.60	2.70	2.10	1.60	1.90	830
July	4.40	1.50	3.90	1.80	2.60	4.50	4.70	1.90	4.90	1.70	1320
August	7.40	3.40	6.50	1.80	2.60	4.20	3.20	8.80	6.30	4.70	2300
September ..	4.40	3.10	3.60	3.60	3.40	2.40	3.50	3.00	11.50	2.90	2090
October ...	2.50	3.80	4.60	3.30	1.70	1.50	9.40	5.00	4.80	3.70	2260
November ...	3.50	5.90	4.10	4.80	7.80	1.60	5.50	4.80	2.60	4.80	1770
December ...	4.20	7.50	6.10	3.50	8.50	7.10	3.50	2.60	7.20	6.30	1960
TOTALS ...	44.20	44.70	49.30	41.30	48.60	39.10	53.50	38.00	63.70	38.70	18390

1912 Old Building 10 ft high 250 yds N.E.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Ronaldskirk	7 mi	NE	Ronaldskirk	7 mi	NE

RAINFALL at Baldersdale Balderhead

County of N. R. Yorkshire

Observer Hugh Wilson Esq.

River Basin Tees 6

T. S. Calvert

On Snowdon Rain Gauge, by

B. N. Collinson C.E.

See Valley Water Ba.

M

Diameter ...	5"											
Height	10											
Altitude ...	1360											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	M
January ...	7.10	9.00	4.10	5.70	3.60	4.60	7.20	6.00	8.50	1.00	6.50	6230
February ...	5.70	1.40	4.90	6.00	1.90	6.20	5.60	3.40	5.80	1.60	1.20	4170
March	4.40	4.00	3.00	2.80	1.90	3.30	2.30	5.90	3.50	1.50	2.10	3540
April	6.40	1.50	3.70	2.70	2.40	4.50	4.00	4.70	1.20	2.00	3.20	3560
May	8.60	2.90	1.50	4.10	5.10	5.10	3.20	2.70	1.60	2.60	2.20	3660
June	3.10	1.20	2.80	1.80	4.60	1.50	3.30	4.20	7.00	3.10	3.50	3410
July	6.00	2.50	5.80	4.10	5.80	2.50	7.10	5.40	4.30	5.40	7.50	5590
August	3.10	7.20	4.00	8.00	4.10	5.20	5.60	9.00	8.30	4.50	7.70	6620
September...	2.60	2.20	5.40	1.10	5.10	2.90	6.50	7.50	1.90	3.20	4.70	4610
October.....	2.80	4.00	1.90	9.00	6.20	5.20	5.50	4.70	5.50	5.40	6.50	5670
November...	3.10	2.50	2.00	5.40	4.10	3.10	8.10	5.70	6.50	7.00	5.20	5120
December...	3.90	6.80	6.40	3.70	7.30	7.30	3.50	2.10	2.50	7.50	3.40	5340
TOTALS...	54.30	45.20	45.50	58.60	52.10	50.40	61.90	61.30	56.60	42.80	53.70	57520
	M	M	M	M	M	M	M	M	M	M	M	M

1920 Old Building 10ft high 25yds NE

Aspect SW

Elev. 910 ft.

S. on nearly level ground surrounded by rough heather.

Seen over pool.

1926. N. S. (F. 670379/26)

Position of Station on reduced Ordnance Survey } No. of Map				Reference No.			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920			Ronaldskirk	7 mi	N E	Ronaldskirk	7 mi N E

RAINFALL at Baldersdale (Balderhead)

County of North Riding

Observer G. R. Collinson, Esq., C.E.

B.Sc.

River Basin Tees - 6

T.S. R. Winkler, Esq., Ch. (1941)

Type of Gauge

Annual Average 45.7 in. based on 19 years obs. un-weighted. Period of average 1931-1945 Ref. S

670379/16

Diameter	5.										Means
Height	1.0.										Total
Altitude	1360.					1320					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	4.10	6.20	3.90	5.60	2.20	4.30	5.20	5.80	6.20	(2.90)	4.640
February	4.70	3.80	6.90	4.40	7.40	3.40	(6.20)	3.10	4.60	(3.30)	4.030
March	.60	3.70	3.00	4.00	2.90	3.00	(3.60)	4.30	4.30	5.60	3.500
April	3.90	4.60	2.90	3.50	3.70	1.00	3.00	1.00	2.70	2.60	2.890
May	3.20	3.70	2.80	3.00	.50	2.10	3.50	3.20	1.00	2.90	2.600
June	5.70	1.50	2.90	2.70	3.70	3.50	3.40	2.50	4.40	1.30	3.160
July	6.10	5.20	4.90	3.30	1.70	4.40	3.40	4.60	6.30	5.00	4.420
August	3.50	1.80	2.10	4.70	1.70	3.10	1.40	4.50	3.20	3.30	2.930
September	1.90	7.00	2.20	3.40	7.70	7.30	4.40	2.30	1.30	5.00	4.250
October	3.80	7.20	5.60	7.90	8.60	5.10	2.50	9.20	5.10	5.10	6.010
November	6.00	3.60	3.10	2.50	6.10	6.10	1.20	6.30	5.80	5.80	4.650
December	3.10	3.90	1.10	5.90	3.30	6.10	2.90	5.30	2.50	5.70	3.380
TOTALS	46.60	48.70	41.40	46.90	49.50	49.40	40.70	52.10	47.40	(48.50)	47.120

1934 Feb & Mar estimated.

1940 Jan & Feb totals adjusted by refls 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	Parish Church.	Distance from gauge

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

Station No. T.F. 3492

RAINFALL at Baldersdale (Baldershead) ✓

41

County of North Riding Observer T.S.B. Winter Esq. CE

River Basin Tees - 6

Type of Gauge

Annual Average 125.7 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. S PB447 (1915)
 & confirmed by Survey PB447 33 E10079/49

File No. 670379/26 226452/33

Diameter	5"	027	982								
Height	1' 0"		1							1' 3"	
Altitude	1320'		41							1360'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(3.50)	(4.30)	5.60	8.50	6.20	3.70	(5.00)	8.20	3.10	3.80	5160
February	(5.00)	(2.40)	3.10	2.10	5.40	4.70	(4.00)	4.60	4.20	6.30	4240
March	(4.70)	(3.00)	2.30	.90	2.80	2.90	(7.00)	3.20	2.40	3.00	3220
April	2.10	2.20	3.10	2.30	3.90	2.40	6.40	3.30	4.10	4.20	3400
May	2.60	2.80	4.90	2.80	4.10	2.00	1.90	2.00	2.50	3.60	2920
June	.50	1.00	5.30	4.10	3.30	3.50	6.10	5.60	1.20	3.40	3400
July	1.10	5.10	3.20	4.30	3.30	6.80	5.10	2.80	3.20	4.40	3850
August	6.20	4.00	9.00	2.30	4.50	6.50	.40	7.10	2.80	7.20	5800
September	1.00	4.40	4.40	8.10	3.60	7.60	4.50	6.40	3.20	7.50	5870
October	5.30	4.90	5.00	4.90	6.20	1.70	2.00	4.40	5.60	8.20	4520
November	3.70	2.00	3.30	8.00	1.90	7.30	7.00	4.00	8.00	6.50	5070
December	2.90	4.50	2.70	5.00	2.80	5.10	4.60	3.70	7.90	3.30	4250
TOTALS	(38.60)	(40.60)	52.50	53.30	48.00	53.40	54.00	55.30	48.20	57.10	50100
	m	m	M	M	M	M	M	M	M	M	

1941. Jan. Feb. & part March cold.

70004

1942 Jan.-March east'd.

1943 June amended by surveyors

1947 Jan Feb Mar. and Jan snow

70004 70004

 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. 3492 T.P.

51

RAINFALL at Baldwinald (Baldwinald)

County of North Riding - Yorks. Observer F.S.R. Winter Esq. C.E.
 River Basin Tees - S. Tees Valley & Cleveland Water Bd.
 Type of Gauge Bradford.

Annual Average 46.7 in. based on 33 years obs. un-weighted. Period of average 1861-1915 Ref PB 447
 " " 50.64 " 25 " Within 1931-56. " " File No. 1916-1950 " S
 " " 1950 " 1950 " "

Diameter	5"	027	982								Means
Height	1' 0"		1								1' 6"
Altitude	1360		51								
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Total
January	4.50	4.60	2.30	4.60	3.20	4.00	6.80	3.50	3.50	5.50	42.50
February	4.80	(2.10)	2.60	3.10	2.70	2.20	5.00	(7.50)	1.50	2.60	34.10
March	5.10	(2.50)	1.00	3.00	2.30	2.40	2.70	(3.00)	2.00	2.50	26.50
April	3.20	(3.10)	3.35	1.00	2.80	1.20	1.00	2.90	4.10	2.80	25.45
May	3.00	(2.20)	2.70	4.40	4.40	2.10	2.90	6.20	.80	2.20	30.90
June	1.40	3.00	2.25	4.20	3.10	2.40	3.20	3.10	2.90	2.00	27.55
July	2.20	3.50	5.40	5.20	1.80	4.20	7.00	4.50	3.00	6.20	43.00
August	3.90	6.00	7.30	7.00	1.60	9.20	8.30	5.00	1.20	5.00	54.50
September	3.90	5.50	3.35	5.10	2.60	4.30	(4.50)	4.00	1.10	2.80	40.15
October	2.20	(5.40)	2.10	1.70	3.40	4.60	4.90	4.30	3.90	6.80	48.30
November	9.30	(3.40)	4.60	6.30	2.50	2.10	3.10	1.60	5.80	2.20	45.90
December	9.30	(4.30)	2.30	7.80	7.90	6.30	5.90	3.80	7.80	5.50	60.90
TOTALS	52.80	(45.60)	39.25	65.40	38.30	45.00	55.30	49.40	37.60	51.10	479.75
M	M	M	M	M	M	M	M	M	M	M	

1952. n.p. too much art.

0010430004

1955 Temp. rec'd also Feb + Mar. Improved
 July 1959. B.D.T. one-sided all day long. First-wall rec. g. read by dip-stick
 July. Small enclosure. Grid-reference below is doubtful. More like 384176

1956 Feb March approx.

1960 n.p. low 36074

Position of Station on Ordnance One-Inch map : No. of Map 84 National Grid Reference NY (35) 886178

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
C 1908	✓	✓	✓	✓	

Jan. - 20-22